

Panasonic Projector RS-232C Control Specifications
PT-DW10000/D10000

Using the Serial Terminals

1. Basic Format

Transmission from the computer begins with STX, then the ID, command, parameter, and ETX are sent in this order. Add parameters according to the details of control.

Basic control command (without parameter)

| Start (STX) | ID | Separator (semicolon) | Command | End (ETX) |
|-------------|---------|-----------------------|---------|-----------|
| 1 byte | 4 bytes | 1 byte | 3 bytes | 1 byte |

Basic control command (with parameters)

| Start (STX) | ID | Separator (semicolon) | Command | Separator (colon) | Parameters | End (ETX) |
|-------------|---------|-----------------------|---------|-------------------|------------------|-----------|
| 1 byte | 4 bytes | 1 byte | 3 bytes | 1 byte | Undefined length | 1 byte |

ID of the basic control command

| ID | 4 bytes String | ID | 4 bytes String | ID | 4 bytes String | ID | 4 bytes String |
|------|----------------|------|----------------|---------|----------------|---------|----------------|
| ALL | ADZZ | ID23 | AD23 | ID46 | AD46 | Group E | AD0E |
| ID1 | AD01 | ID24 | AD24 | ID47 | AD47 | Group F | AD0F |
| ID2 | AD02 | ID25 | AD25 | ID48 | AD48 | Group G | AD0G |
| ID3 | AD03 | ID26 | AD26 | ID49 | AD49 | Group H | AD0H |
| ID4 | AD04 | ID27 | AD27 | ID50 | AD50 | Group I | AD0I |
| ID5 | AD05 | ID28 | AD28 | ID51 | AD51 | Group J | AD0J |
| ID6 | AD06 | ID29 | AD29 | ID52 | AD52 | Group K | AD0K |
| ID7 | AD07 | ID30 | AD30 | ID53 | AD53 | Group L | AD0L |
| ID8 | AD08 | ID31 | AD31 | ID54 | AD54 | Group M | AD0M |
| ID9 | AD09 | ID32 | AD32 | ID55 | AD55 | Group N | AD0N |
| ID10 | AD10 | ID33 | AD33 | ID56 | AD56 | Group O | AD0O |
| ID11 | AD11 | ID34 | AD34 | ID57 | AD57 | Group P | AD0P |
| ID12 | AD12 | ID35 | AD35 | ID58 | AD58 | Group Q | AD0Q |
| ID13 | AD13 | ID36 | AD36 | ID59 | AD59 | Group R | AD0R |
| ID14 | AD14 | ID37 | AD37 | ID60 | AD60 | Group S | AD0S |
| ID15 | AD15 | ID38 | AD38 | ID61 | AD61 | Group T | AD0T |
| ID16 | AD16 | ID39 | AD39 | ID62 | AD62 | Group U | AD0U |
| ID17 | AD17 | ID40 | AD40 | ID63 | AD63 | Group V | AD0V |
| ID18 | AD18 | ID41 | AD41 | ID64 | AD64 | Group W | AD0W |
| ID19 | AD19 | ID42 | AD42 | Group A | AD0A | Group X | AD0X |
| ID20 | AD20 | ID43 | AD43 | Group B | AD0B | Group Y | AD0Y |
| ID21 | AD21 | ID44 | AD44 | Group C | AD0C | Group Z | AD0Z |
| ID22 | AD22 | ID45 | AD45 | Group D | AD0D | | |

Response (Callback) of the basic control command

In the period when commands can be accepted

Differs according to each command.

In the period when commands cannot be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 45h | 52h | 34h | 30h | 31h | 03h |
| Character | | E | R | 4 | 0 | 1 | |

In case of the parameter error

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 45h | 52h | 34h | 30h | 32h | 03h |
| Character | | E | R | 4 | 0 | 2 | |

Notes when two or more projectors are used

- Make the communication conditions the same between output/input. IN and OUT can be independently set respectively. (When you set RS-422 OUT of the first projector to 38 400 bps, set RS-422 IN of the second projector to 38 400 bps.)
- Make only one in VPS SYSTEM MASTER and make all of the remainder VPS SYSTEM SLAVE.
- Set ID number different in each projector.
- I/O to RS-422 OUT is not done during MAIN POWER OFF. Turn on MAIN POWER of all projectors.
- Make only one of the each group in GROUP MASTER and make all the remainder-GROUP SLAVE.

Attention:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. Try sending any command after that period has elapsed.
- When sending several commands, be sure to wait for a response from the projector, and send the next command after 0.5 seconds or more pass.
- It might take time by the time the response returns because the command is processed in the projector. Set the time-out to ten seconds or more.

Notes:

- This projector will respond to the computer only in the following cases:
 - If the sent ID coincides with the projector ID,
 - VPS SYSTEM in RS232C settings of this projector is MASTER and the sent ID is ALL, or
 - If-Group (A—Z) of the sent ID coincides with GROUP in RS232C settings of this projector and GROUP in RS232C settings of this projector is MASTER.
- When the command is received during STNDBY, this projector returns the receiving command as it is as a response (callback) if it is in the period when the concerned command cannot be accepted.
- Each setting/query command concerning P IN P controls to information on the user being set by current P IN P setting. Therefore, ER401 is returned as a response (callback) when P IN P setting is OFF.

2. Basic Control Command

Explanatory notes

Yes: Enable

No: Disable

2.1. Power ON (Lamp ON)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 4Fh | 4Eh | 03h |
| Character | | A | D | Z | Z | ; | P | O | N | |

■ Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included)

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 50h | 4Fh | 4Eh | 03h |
| Character | | P | O | N | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | (Yes) |

■ Notes:

- When you confirm whether to have succeeded in power-on, confirm it by QPW (query power condition) command after receiving the callback of PON command.
- When REMOTE2 is effective, ER401 is returned as a response (callback).

2.2. Power OFF (Standby)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 4Fh | 46h | 03h |
| Character | | A | D | Z | Z | ; | P | O | F | |

■ Response (Callback)

In the period when the command can be accepted (This command in power-off condition is included)

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 50h | 4Fh | 46h | 03h |
| Character | | P | O | F | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | (Yes) |

■ Notes:

- When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of POF command.
- When REMOTE2 is effective, ER401 is returned as a response (callback).

2.3. AUTO SETUP

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 53h | 03h |
| Character | | A | D | Z | Z | ; | O | A | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 53h | 03h |
| Character | | O | A | S | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | No | No | Yes |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB PC signals are input. In other cases, ER401 is returned.

2.4. SHUTTER

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 48h | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | S | H | : | *2 | |

■ Parameters (*1, *2)

| | | |
|-------------|-------------|------------|
| | Shutter OFF | Shutter ON |
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 48h | 3Ah | *1 | 03h |
| Character | | O | S | H | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | (Yes) |

■ Note:

- The setting by REMOTE2 is given to priority. When a command different from the setting of REMOTE2 is sent, ER402 is returned.

2.5. Input Change

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 49h | 49h | 53h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | I | I | S | : | *2 | *4 | *6 | |

Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | |
|-------------|-------|-----|-----|---------|-----|-----|
| | RGB1 | | | RGB2 | | |
| Hexadecimal | 52h | 47h | 31h | 52h | 47h | 32h |
| Character | R | G | 1 | R | G | 2 |
| | VIDEO | | | S-VIDEO | | |
| Hexadecimal | 56h | 49h | 44h | 53h | 56h | 44h |
| Character | V | I | D | S | V | D |
| | DVI | | | AUX | | |
| Hexadecimal | 44h | 56h | 49h | 41h | 55h | 58h |
| Character | D | V | I | A | U | X |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 49h | 49h | 53h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | I | I | S | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | (Yes) |

Notes:

- REMOTE2 is given to priority. Calls back ER402 if the input select of REMOTE2 is available.
- When AUX is specified for the parameter with incompatible input module installed in the slot, ER401 is returned.
- When AUX is specified for the parameter with no input module installed in the slot, ER402 is returned.

2.6. TEST PATTERN

| | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 54h | 53h | 3Ah | *1 | *3 | 03h |
| Character | | A | D | Z | Z | ; | O | T | S | : | *2 | *4 | |

Parameters (*1, *2, *3, *4)

| | | | | | | | | | | |
|-------------|------------------------|-----|-----------------------|-----|-------|-----|-----------|-----|-------------------------|-----|
| | OFF | | White | | Black | | Flag | | Reversed flag | |
| Hexadecimal | 30h | 30h | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | Window | | Reversed window | | Focus | | Color bar | | Gray 1 (20% brightness) | |
| Hexadecimal | 30h | 35h | 30h | 36h | 30h | 37h | 30h | 38h | 31h | 30h |
| Character | 0 | 5 | 0 | 6 | 0 | 7 | 0 | 8 | 1 | 0 |
| | Ramp | | White | | Red | | Green | | Blue | |
| Hexadecimal | 31h | 31h | 32h | 31h | 32h | 32h | 32 | 33 | 32h | 34h |
| Character | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 4 |
| | 10% brightness (White) | | 5% brightness (White) | | Cyan | | Magenta | | Yellow | |
| Hexadecimal | 32h | 35h | 32h | 36h | 32h | 38h | 32h | 39h | 33h | 30h |
| Character | 2 | 5 | 2 | 6 | 2 | 8 | 2 | 9 | 3 | 0 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 54h | 53h | 3Ah | *1 | *3 | 03h |
| Character | | O | T | S | : | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

2.7. ON SCREEN

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Fh | 53h | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | O | S | : | *2 | |

Parameters (*1, *2)

| | | | | |
|-------------|-------------|--|------------|--|
| | Shutter OFF | | Shutter ON | |
| Hexadecimal | 30h | | 31h | |
| Character | 0 | | 1 | |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Fh | 53h | 3Ah | *1 | 03h |
| Character | | O | O | S | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | No | Yes | Yes |

Note:

- When the display setting of SECURITY is not OFF, ER401 is returned.

2.8. MENU key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Dh | 4Eh | 03h |
| Character | | A | D | Z | Z | ; | O | M | N | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 4Dh | 4Eh | 03h |
| Character | | O | M | N | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.9. ENTER key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 4Eh | 03h |
| Character | | A | D | Z | Z | ; | O | E | N | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 45h | 4Eh | 03h |
| Character | | O | E | N | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.10. Up (↑) key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 55h | 03h |
| Character | | A | D | Z | Z | ; | O | C | U | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 55h | 03h |
| Character | | O | C | U | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.11. Down (↓) key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 44h | 03h |
| Character | | A | D | Z | Z | ; | O | C | D | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 44h | 03h |
| Character | | O | C | D | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.12. Left (←) key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | O | C | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 4Ch | 03h |
| Character | | O | C | L | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.13. Right (→) key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 52h | 03h |
| Character | | A | D | Z | Z | ; | O | C | R | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 52h | 03h |
| Character | | O | C | R | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | No | Yes | Yes |

2.14. DEFAULT key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 54h | 03h |
| Character | | A | D | Z | Z | ; | O | S | T | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 54h | 03h |
| Character | | O | S | T | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | | No | Yes | Yes |

2.15. FUNC1 key

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 46h | 43h | 31h | 03h |
| Character | | A | D | Z | Z | ; | F | C | 1 | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 46h | 43h | 31h | 03h |
| Character | | F | C | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | (Yes) | (Yes) | (Yes) | (Yes) |

■ Note:

- The acceptability conforms to the function allocated in FUNC1.

2.16. SYSTEM SELECTOR

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | O | S | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 4Ch | 03h |
| Character | | O | S | L | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When the input signal is not switchable, ER401 is returned.

2.17. Numeric key

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Eh | 4Bh | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | N | K | : | *2 | |

■ Parameters (*1, *2)

| | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0 key | 1 key | 2 key | 3 key | 4 key | 5 key | 6 key | 7 key | 8 key | 9 key |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 35h | 36h | 37h | 38h | 39h |
| Character | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Eh | 4Bh | 3Ah | *1 | 03h |
| Character | | O | N | K | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | No | Yes | Yes |

2.18. LAMP SELECT

| | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Ch | 50h | 4Dh | 3Ah | *1 | *3 | 03h |
| Character | | A | D | Z | Z | ; | L | P | M | : | *2 | *4 | |

■ Parameters (*1, *2, *3, *4)

| | | | | | | | | | | |
|-------------|----------|-----|----------|-----|----------|-----|--------|-----|----------|-----|
| | QUAD | | L1/L4 | | L2/L3 | | DUAL | | L1/L2/L3 | |
| Hexadecimal | 30h | 30h | 30h | 31h | 30h | 32h | 33h | 33h | 30h | 34h |
| Character | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | L1/L2/L4 | | L1/L3/L4 | | L2/L3/L4 | | TRIPLE | | L1 | |
| Hexadecimal | 30h | 35h | 30h | 36h | 30h | 37h | 30h | 38h | 30h | 39h |
| Character | 0 | 5 | 0 | 6 | 0 | 7 | 0 | 8 | 0 | 9 |
| | L2 | | L3 | | L4 | | SINGLE | | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Ch | 50h | 4Dh | 3Ah | *1 | *3 | 03h |
| Character | | L | P | M | : | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | Yes | Yes | Yes | Yes | Yes |

■ Note:

- During the lamp change processing, ER401 is returned.

2.19. INSTALLATION

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 49h | 4Ch | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | I | L | : | *2 | |

■ Parameters (*1, *2)

| | | | | | | | | |
|-------------|---------|--|--------|--|---------|--|--------|--|
| | FRONT-F | | REAR-F | | FRONT-C | | REAR-C | |
| Hexadecimal | 30h | | 31h | | 32h | | 33h | |
| Character | 0 | | 1 | | 2 | | 3 | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 49h | 4Ch | 3Ah | *1 | 03h |
| Character | | O | I | L | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | Yes | Yes | Yes | Yes | Yes |

2.20. SUB MEMORY CHANGE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | O | C | S | : |
| Hexadecimal | *1 | *3 | 03h | | | | | | | |
| Character | *2 | *4 | | | | | | | | |

■ Parameters (*1, *2, *3, *4)

*nn of submemory number (mm—nn)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 93 | | 94 | | 95 | | 96 | |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character | 9 | 3 | 9 | 4 | 9 | 5 | 9 | 6 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 53h | 3Ah | *1 | *3 | 03h |
| Character | | O | C | S | : | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

2.21. SUB MEMORY CHANGE (Enhanced)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | O | C | S | : |
| Hexadecimal | *1 | *3 | 2Dh | *5 | *7 | 03h | | | | |
| Character | *2 | *4 | - | *6 | *8 | | | | | |

■ Parameters

mm of submemory number (mm-nn) (*1, *2, *3, *4)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 92 | | 93 | | 94 | | 95 | |
| Hexadecimal | 39h | 32h | 39h | 33h | 39h | 34h | 39h | 35h |
| Character | 9 | 2 | 9 | 3 | 9 | 4 | 9 | 5 |

nn of submemory number (mm-nn) (*5, *6, *7, *8)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 93 | | 94 | | 95 | | 96 | |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character | 9 | 3 | 9 | 4 | 9 | 5 | 9 | 6 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 53h | 3Ah | *1 | *3 | 2Dh | *5 | *7 | 03h |
| Character | | O | C | S | : | *2 | *4 | - | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

2.22. SUB MEMORY STORE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 53h | 03h |
| Character | | A | D | Z | Z | ; | O | E | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 45h | 53h | 03h |
| Character | | O | E | S | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

2.23. SUB MEMORY DELETE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | O | D | S | : |
| Hexadecimal | *1 | *3 | 2Dh | *5 | *7 | 03h | | | | |
| Character | *2 | *4 | - | *6 | *8 | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

mm of submemory number (mm-nn) (*1, *2)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 92 | | 93 | | 94 | | 95 | |
| Hexadecimal | 39h | 32h | 39h | 33h | 39h | 34h | 39h | 35h |
| Character | 9 | 2 | 9 | 3 | 9 | 4 | 9 | 5 |

nn of submemory number (mm-nn) (*3, *4)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 93 | | 94 | | 95 | | 96 | |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character | 9 | 3 | 9 | 4 | 9 | 5 | 9 | 6 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 53h | 3Ah | *1 | *3 | 2Dh | *5 | *7 | 03h |
| Character | | O | D | S | : | *2 | *4 | - | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.24. PICTURE MODE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 50h | 4Dh | 3Ah |
| Character | | A | D | Z | Z | ; | V | P | M | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | DYNAMIC | | | GRAPHIC | | | USER | | |
|-------------|----------|-----|-----|---------|-----|-----|---------|-----|-----|
| Hexadecimal | 44h | 59h | 4Eh | 47h | 52h | 41h | 55h | 53h | 52h |
| Character | D | Y | N | G | R | A | U | S | R |
| | STANDARD | | | CINEMA | | | NATURAL | | |
| Hexadecimal | 53h | 54h | 44h | 43h | 49h | 4Eh | 4Eh | 41h | 54h |
| Character | S | T | D | C | I | N | N | A | T |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 50h | 4Dh | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | P | M | : | *2 | *4 | *6 | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| No | No | Yes | Yes | Yes | Yes |

2.25. COLOR

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 4Fh | 3Ah |
| Character | | A | D | Z | Z | ; | V | C | O | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | 0 | | | 1 | | | 2 | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 4Fh | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | C | O | : | *2 | *4 | *6 | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| No | No | No | Yes | Yes | Yes |

■ Note:

- It is displayed in the menu by the value in which 50 is subtracted from the specified value.

2.26. TINT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 4Eh | 3Ah |
| Character | | A | D | Z | Z | ; | V | T | N | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | 0 | | | 1 | | | 2 | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 60 | | | 61 | | | 62 | | |
| Hexadecimal | 30h | 36h | 30h | 30h | 36h | 31h | 30h | 36h | 32h |
| Character | 0 | 6 | 0 | 0 | 6 | 1 | 0 | 6 | 2 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 4Eh | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | T | N | : | *2 | *4 | *6 | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| No | No | No | Yes | Yes | Yes |

■ Note:

- It is displayed in the menu by the value in which 31 is subtracted from the specified value.

2.27. COLOR TEMP.

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 54h | 45h | 3Ah |
| Character | | A | D | Z | Z | ; | O | T | E | : |
| Hexadecimal | *1 | *3 | 03h | | | | | | | |
| Character | *2 | *4 | | | | | | | | |

■ Parameters (*1, *2, *3, *4)

| | | | | | | | |
|-------------|-----|--------|------|-------|-------|---------|-----|
| | LOW | MIDDLE | HIGH | USER1 | USER2 | DEFAULT | |
| Hexadecimal | 30h | 31h | 32h | 34h | 39h | 31h | 30h |
| Character | 0 | 1 | 2 | 4 | 9 | 1 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 54h | 45h | 3Ah | *1 | *3 | 03h |
| Character | | O | T | E | : | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- If you specify parameters other than USER1 when COLOR MATCHING is not OFF, ER402 is returned.

2.28. WHITE BALANCE LOW — R

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 52h | 3Ah |
| Character | | A | D | Z | Z | ; | V | O | R | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | O | R | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.29. WHITE BALANCE LOW — G

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 47h | 3Ah |
| Character | | A | D | Z | Z | ; | V | O | G | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters(*1,*2,*3,*4,*5,*6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | O | G | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.30. WHITE BALANCE LOW — B

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 42h | 3Ah |
| Character | | A | D | Z | Z | ; | V | O | B | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | O | B | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.31. WHITE BALANCE HIGH — R

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 52h | 3Ah |
| Character | | A | D | Z | Z | ; | V | H | R | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | H | R | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.32. WHITE BALANCE HIGH — G

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 47h | 3Ah |
| Character | | A | D | Z | Z | ; | V | H | G | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | H | G | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.33. WHITE BALANCE HIGH — B

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 42h | 3Ah |
| Character | | A | D | Z | Z | ; | V | H | B | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | H | B | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.34. CONTRAST

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 4Eh | 3Ah |
| Character | | A | D | Z | Z | ; | V | C | N | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 61 | | | 62 | | | 63 | | |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character | 0 | 6 | 1 | 0 | 6 | 2 | 0 | 6 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 4Eh | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | C | N | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Note:

- It is displayed in the menu by the value in which 32 is subtracted from the specified value.

2.35. BRIGHTNESS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 42h | 52h | 3Ah |
| Character | | A | D | Z | Z | ; | V | B | R | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 31h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 61 | | | 62 | | | 63 | | |
| Hexadecimal | 30h | 36h | 30h | 30h | 36h | 31h | 30h | 36h | 32h |
| Character | 0 | 6 | 1 | 0 | 6 | 2 | 0 | 6 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 42h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | B | R | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Note:

- It is displayed in the menu by the value in which 32 is subtracted from the specified value.

2.36. SHARPNESS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 52h | 3Ah |
| Character | | A | D | Z | Z | ; | V | S | R | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 13 | | | 14 | | | 15 | | |
| Hexadecimal | 30h | 31h | 33h | 30h | 31h | 34h | 30h | 31h | 35h |
| Character | 0 | 1 | 3 | 0 | 1 | 4 | 0 | 1 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | S | R | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

2.37. NOISE REDUCTION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Eh | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | V | N | S | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

■ Parameters (*1, *2)

| | | | | |
|-------------|-----|---------|-----|-----|
| | OFF | ON or 1 | 2 | 3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 56h | 4Eh | 53h | 3Ah | *1 | 03h |
| Character | | V | N | S | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Notes:

- When FRAME DELAY is set to SHORT, ER401 is returned.
- During P IN P, ER401 is returned.

2.38. DYNAMIC IRIS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | O | A | I | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2)

Mode

| | | | | | | | | |
|-------------|-----|-----|-----|-----|------|-----------|-------------|---------------|
| | OFF | 1 | 2 | 3 | USER | AUTO IRIS | MANUAL IRIS | DYNAMIC-GAMMA |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 41h | 4Dh | 44h |
| Character | 0 | 1 | 2 | 3 | 4 | A | M | D |

* When Mode is OFF—USER, parameters *3—*6 are not sent.

Example: When you set USER into Mode

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 34h | 03h |
| Character | | A | D | Z | Z | ; | O | A | I | 4 | |

* When Mode is AUTO IRIS or DYNAMIC GAMMA, parameters *5 and *6 are not sent.

Example: When Mode is AUTO IRIS and you set 3 into AUTO IRIS

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah | |
| Character | | A | D | Z | Z | ; | O | A | I | : | |
| Hexadecimal | 41h | 33h | 03h | | | | | | | | |
| Character | A | 3 | | | | | | | | | |

Example: When Mode is MANUAL IRIS and you set 30 into MANUAL IRIS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | O | A | I | : |
| Hexadecimal | 4Dh | 33h | 30h | 03h | | | | | | |
| Character | M | 3 | 0 | | | | | | | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | *1 | 03h |
| Character | | O | A | I | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.39. DYNAMIC IRIS

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | A | I | : | *2 | |

■ Parameters (*1, *2)

| | | | | | |
|-------------|-----|-----|-----|-----|------|
| | OFF | 1 | 2 | 3 | USER |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h |
| Character | 0 | 1 | 2 | 3 | 4 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | *1 | 03h |
| Character | | O | A | I | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.40. DYNAMIC IRIS (AUTO IRIS)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | O | A | I | : |
| Hexadecimal | 41h | *1 | 03h | | | | | | | |
| Character | A | *2 | | | | | | | | |

■ Parameters (*1, *2)

| | | | | |
|-------------|-----|-----|-----|-----|
| | OFF | 1 | 2 | 3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | 41h | *1 | 03h |
| Character | | O | A | I | : | A | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.41. DYNAMIC IRIS (MANUAL IRIS)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | O | A | I | : |
| Hexadecimal | 4Dh | *1 | *3 | 03h | | | | | | |
| Character | M | *2 | *4 | | | | | | | |

■ Parameters (*1, *2, *3, *4)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | OFF | | 1 | | 2 | | 3 | |
| Hexadecimal | 30h | 30h | 30h | 31h | 30h | 32h | 30h | 33h |
| Character | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 |
| | 60 | | 61 | | 62 | | 63 | |
| Hexadecimal | 36h | 30h | 36h | 31h | 36h | 32h | 36h | 33h |
| Character | 6 | 0 | 6 | 1 | 6 | 2 | 6 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | 4Dh | *1 | 03h |
| Character | | O | A | I | : | M | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.42. DYNAMIC IRIS (DYNAMIC GAMMA)

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | O | A | I | : |
| Hexadecimal | 44h | *1 | 03h | | | | | | | |
| Character | D | *2 | | | | | | | | |

■ Parameters (*1, *2)

| | | | | | | | | |
|-------------|-----|--|-----|--|-----|--|-----|--|
| | OFF | | 1 | | 2 | | 3 | |
| Hexadecimal | 30h | | 31h | | 32h | | 33h | |
| Character | 0 | | 1 | | 2 | | 3 | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | 44h | *1 | 03h |
| Character | | O | A | I | : | D | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.43. TV-SYSTEM

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 47h | 3Ah |
| Character | | A | D | Z | Z | ; | V | S | G | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|----------|-----|-----|--------|-----|-----|-------|-----|-----|
| | AUTO 1 | | | AUTO 2 | | | NTSC | | |
| Hexadecimal | 41h | 54h | 31h | 41h | 54h | 32h | 4Eh | 54h | 53h |
| Character | A | T | 1 | A | T | 2 | N | T | S |
| | NTSC4.43 | | | PAL | | | PAL-M | | |
| Hexadecimal | 4Eh | 34h | 34h | 50h | 41h | 4Ch | 50h | 41h | 4Dh |
| Character | N | 4 | 4 | P | A | L | P | A | M |
| | PAL-N | | | SECAM | | | PAL60 | | |
| Hexadecimal | 50h | 41h | 4Eh | 53h | 45h | 43h | 50h | 36h | 30h |
| Character | P | A | N | S | E | C | P | 6 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | S | G | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.44. SHIFT H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | V | T | H | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | 0 | | | | 1 | | | | 2 | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 2 |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | 4093 | | | | 4094 | | | | 4095 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h | 34h | 30h | 39h | 35h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 | 4 | 0 | 9 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | T | H | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

■ Note:

- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.

2.45. SHIFT V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | V | T | V | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | 0 | | | | 1 | | | | 2 | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | 4093 | | | | 4094 | | | | 4095 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h | 34h | 30h | 39h | 35h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 | 4 | 0 | 9 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | T | V | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

■ Note:

- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.

2.46. ASPECT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 45h | 3Ah |
| Character | | A | D | Z | Z | ; | V | S | E | : |
| Hexadecimal | *1 | *3 | 03h | | | | | | | |
| Character | *2 | *4 | | | | | | | | |

■ Parameters (*1, *2, *3, *4)

- Input route: VIDEO

Input signal: NTSC

| | | | | | |
|-------------|----------|----------|---------|---------|---------|
| | VID AUTO | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

- Input route: VIDEO

Input signal: Except NTSC

| | | | | | |
|-------------|---------|----------|---------|---------|---------|
| | DEFAULT | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

- Input route: S-VIDEO

Input signal: NTSC

| | | | | | |
|-------------|----------------|----------|---------|----------|---------|
| | VID AUTO(PRI.) | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | S1 AUTO | VID AUTO | |
| Hexadecimal | 36h | 39h | 32h | 30h | 33h |
| Character | 6 | 9 | 2 | 0 | 3 |

- Input route: S-VIDEO

Input signal: Except NTSC

| | | | | | |
|-------------|---------|----------|---------|---------|---------|
| | DEFAULT | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

- Input route: Except VIDEO/S-VIDEO

Input signal: SD

| | | | | |
|-------------|---------|----------|---------|---------|
| | DEFAULT | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 32h | 33h | 35h |
| Character | 0 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | |
| Hexadecimal | 36h | 39h | | |
| Character | 6 | 9 | | |

- Input route: Except VIDEO/S-VIDEO

Input signal: HD

| | | | | |
|-------------|---------|----------|---------|---------|
| | DEFAULT | 4:3 *1 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 33h | 35h |
| Character | 0 | 1 | 3 | 5 |
| | HV FIT | H FIT *1 | | |
| Hexadecimal | 36h | 39h | | |
| Character | 6 | 9 | | |

*1: Because it is not able to specify it in D10000, ER402 is returned.

*2: Because it is not able to specify it in DW10000, ER402 is returned.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 45h | 3Ah | *1 | *3 | 03h |
| Character | | V | S | E | : | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

■ Notes:

- When it is not able to set it according to the input signal, ER402 is returned.
- Parameter *3 and *4 are specified only for two digits.

2.47. ZOOM H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | O | Z | H | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | | | 51 | | | 52 | | |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 5 | 2 |
| | 997 | | | 998 | | | 999 | | |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character | 9 | 9 | 7 | 9 | 9 | 8 | 9 | 9 | 9 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | O | Z | H | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

Notes:

- When ASPECT is THROUGH, ER401 is returned.
- If INTERLOCKED is ON, set it to OFF.

2.48. ZOOM V

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | O | Z | V | : | *2 | *4 | *6 | |

Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | | | 51 | | | 52 | | |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 5 | 2 |
| | 997 | | | 998 | | | 999 | | |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character | 9 | 9 | 7 | 9 | 9 | 8 | 9 | 9 | 9 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | O | Z | V | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

Notes:

- When ASPECT is THROUGH, ER401 is returned.
- If INTERLOCKED is ON, set it to OFF.

2.49. CLOCK PHASE

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 50h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | V | C | P | : | *2 | *4 | *6 | |

Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 29 | | | 30 | | | 31 | | |
| Hexadecimal | 30h | 32h | 39h | 30h | 33h | 30h | 30h | 33h | 31h |
| Character | 0 | 2 | 9 | 0 | 3 | 0 | 0 | 3 | 1 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 50h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | C | P | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | No | Yes |

Note:

- It is able to accept only when the selected slot is RGB1 or RGB2, and ER401 is returned besides.

2.50. INPUT RESOLUTION — TOTAL DOTS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 44h | 3Ah |
| Character | | A | D | Z | Z | ; | V | T | D | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 330 | | | | 331 | | | |
| Hexadecimal | 30h | 33h | 33h | 30h | 30h | 33h | 33h | 31h |
| Character | 0 | 3 | 3 | 0 | 0 | 3 | 3 | 1 |
| | 4093 | | | | 4094 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 44h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | V | T | D | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.
- When less than number of display dots is specified, ER402 is returned.

2.51. INPUT RESOLUTION — DISPLAY DOTS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 44h | 44h | 3Ah |
| Character | | A | D | Z | Z | ; | V | D | D | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 300 | | | | 301 | | | |
| Hexadecimal | 30h | 33h | 30h | 30h | 30h | 33h | 30h | 31h |
| Character | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 1 |
| | 2045 | | | | 2046 | | | |
| Hexadecimal | 24h | 30h | 34h | 35h | 32h | 30h | 34h | 36h |
| Character | 2 | 0 | 4 | 5 | 2 | 0 | 4 | 6 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 44h | 44h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | V | D | D | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When the value that exceeds the number of total dots is specified, ER402 is returned.

2.52. INPUT RESOLUTION — TOTAL LINES

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | V | T | L | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 211 | | | | 212 | | | |
| Hexadecimal | 30h | 32h | 31h | 31h | 30h | 32h | 31h | 32h |
| Character | 0 | 2 | 1 | 1 | 0 | 2 | 1 | 2 |
| | 2046 | | | | 2047 | | | |
| Hexadecimal | 24h | 30h | 34h | 36h | 32h | 30h | 34h | 37h |
| Character | 2 | 0 | 4 | 6 | 2 | 0 | 4 | 7 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 4Ch | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | V | T | L | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When less than number of display lines is specified, ER402 is returned.

2.53. INPUT RESOLUTION — DISPLAY LINES

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 44h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | V | D | L | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 200 | | | | 201 | | | |
| Hexadecimal | 30h | 32h | 30h | 30h | 30h | 32h | 30h | 31h |
| Character | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| | 1199 | | | | 1200 | | | |
| Hexadecimal | 21h | 31h | 39h | 39h | 31h | 32h | 30h | 30h |
| Character | 1 | 1 | 9 | 9 | 1 | 2 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 44h | 4Ch | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | V | D | L | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When the value that exceeds the number of total lines is specified, ER402 is returned.

2.54. CLAMP POSITION

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Ch | 54h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | V | L | T | : | *2 | *4 | *6 | |

■ Parameters(*1,*2,*3,*4,*5,*6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Ch | 54h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | V | L | T | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | No | Yes | Yes | Yes |

■ Note:

- It is able to accept only when RGB1 or RGB2 is selected, and ER401 is returned besides.

2.55. KEYSTONE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Bh | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | O | K | S | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Bh | 53h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | O | K | S | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.56. KEYSTONE2

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 4Bh | 3Ah |
| Character | | A | D | Z | Z | ; | O | S | K | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 4Bh | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | O | S | K | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Notes:

- When 0 is set into KEYSTONE, ER401 is returned.
- Even if KEYSTONE2 value is changed, it might not operate according to KEYSTONE condition.

2.57. LINEARITY

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Ch | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | V | L | I | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Ch | 49h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | V | L | I | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Notes:

- When 0 is set into KEYSTONE, ER401 is returned.
- Even if LINEARITY value is changed, it might not operate according to KEYSTONE condition.

2.58. DISPLAY LANGUAGE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 47h | 3Ah |
| Character | | A | D | Z | Z | ; | O | L | G | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|---------|-----|-----|---------|-----|-----|----------|-----|-----|
| | English | | | German | | | French | | |
| Hexadecimal | 45h | 4Eh | 47h | 44h | 45h | 55h | 46h | 52h | 41h |
| Character | E | N | G | D | E | U | F | R | A |
| | Spanish | | | Italian | | | Japanese | | |
| Hexadecimal | 45h | 53h | 50h | 49h | 54h | 4Ch | 4Ah | 50h | 4Eh |
| Character | E | S | P | I | T | L | J | P | N |
| | Chinese | | | Russian | | | Korean | | |
| Hexadecimal | 43h | 48h | 49h | 52h | 55h | 53h | 4Bh | 4Fh | 52h |
| Character | C | H | I | R | U | S | K | O | R |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | O | L | G | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.59. BLANKING — UPPER

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 55h | 3Ah |
| Character | | A | D | Z | Z | ; | D | B | U | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 523 | | | 524 | | | 525 | | |
| Hexadecimal | 35h | 32h | 33h | 35h | 32h | 34h | 35h | 32h | 35h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 538 | | | 539 | | | 540 | | |
| Hexadecimal | 35h | 33h | 38h | 35h | 33h | 39h | 35h | 34h | 30h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 55h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | D | B | U | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.60. BLANKING — LOWER

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 42h | 3Ah |
| Character | | A | D | Z | Z | ; | D | B | B | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 523 | | | 524 | | | 525 | | |
| Hexadecimal | 35h | 32h | 33h | 35h | 32h | 34h | 35h | 32h | 35h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 538 | | | 539 | | | 540 | | |
| Hexadecimal | 35h | 33h | 38h | 35h | 33h | 39h | 35h | 34h | 30h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | D | B | B | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.61. BLANKING — RIGHT

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | D | B | R | : | *2 | *4 | *6 | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 698 | | | 699 | | | 700 | | |
| Hexadecimal | 36h | 39h | 38h | 36h | 39h | 39h | 37h | 30h | 30h |
| Character | 6 | 9 | 8 | 6 | 9 | 9 | 7 | 0 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 958 | | | 959 | | | 960 | | |
| Hexadecimal | 39h | 35h | 38h | 39h | 35h | 39h | 39h | 36h | 30h |
| Character | 9 | 5 | 8 | 9 | 5 | 9 | 9 | 6 | 0 |

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | D | B | R | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.62. BLANKING — LEFT

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 4Ch | 3Ah | *1 | *3 | *5 | 03h |
| Character | | A | D | Z | Z | ; | D | B | L | : | *2 | *4 | *6 | |

Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 698 | | | 699 | | | 700 | | |
| Hexadecimal | 36h | 39h | 38h | 36h | 39h | 39h | 37h | 30h | 30h |
| Character | 6 | 9 | 8 | 6 | 9 | 9 | 7 | 0 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 958 | | | 959 | | | 960 | | |
| Hexadecimal | 39h | 35h | 38h | 39h | 35h | 39h | 39h | 36h | 30h |
| Character | 9 | 5 | 8 | 9 | 5 | 9 | 9 | 6 | 0 |

Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 4Ch | 3Ah | *1 | *3 | *5 | 03h |
| Character | | D | B | L | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.63. DVI EDID

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 4Ch | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | O | E | D | : | *2 | |

Parameters (*1, *2)

| | | | | |
|-------------|-------|--|------------|--|
| | EDID1 | | EDID2 (PC) | |
| Hexadecimal | 31h | | 32h | |
| Character | 1 | | 2 | |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 4Ch | 3Ah | *1 | 03h |
| Character | | O | E | D | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.64. AUX DVI EDID

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | O | E | D | : |
| Hexadecimal | *1 | 41h | 55h | 58h | 03h | | | | | |
| Character | *2 | A | U | X | | | | | | |

Parameters (*1, *2)

| | | | | |
|-------------|-------|--|------------|--|
| | EDID1 | | EDID2 (PC) | |
| Hexadecimal | 31h | | 32h | |
| Character | 1 | | 2 | |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 42h | 4Ch | 3Ah | *1 | 41h | 55h | 58h | 03h |
| Character | | O | E | D | : | *2 | A | U | X | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

2.65. P I N P

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 50h | 50h | 3Ah |
| Character | | A | D | Z | Z | ; | O | P | P | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

Parameters (*1, *2)

| | | | | |
|-------------|-----|-------|-------|-------|
| | OFF | USER1 | USER2 | USER3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 50h | 50h | 3Ah | *1 | 03h |
| Character | | O | P | P | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.66. P I N P — MAIN WINDOW

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 53h | 49h | 3Ah |
| Character | | A | D | Z | Z | ; | M | S | I | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

Parameters (*1, *2)

| | | | | | | | | | |
|-------------|-------|-----|-----|---------|-----|-----|-----|-----|-----|
| | RGB1 | | | RGB2 | | | DVI | | |
| Hexadecimal | 52h | 47h | 31h | 52h | 47h | 32h | 44h | 56h | 49h |
| Character | R | G | 1 | R | G | 2 | D | V | I |
| | VIDEO | | | S VIDEO | | | AUX | | |
| Hexadecimal | 56h | 49h | 44h | 53h | 56h | 44h | 41h | 55h | 58h |
| Character | V | I | D | S | V | D | A | U | X |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 49h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | M | S | I | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

Notes:

- When AUX is specified for the parameter with incompatible input module installed in the slot, ER401 is returned.
- When AUX is specified for the parameter with no input module installed in the slot, ER402 is returned.
- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- If the same content as the channel set to sub window is specified ER402 is returned.
- If RGB1 (RGB2) is specified when RGB2 (RGB1) is set for the sub window, ER402 is returned.
- If S-VIDEO (VIDEO) is specified when VIDEO (S-VIDEO) is set for the sub window, ER402 is returned.

2.67. P I N P — MAIN WINDOW:SIZE — INTERLOCKED

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 53h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | M | S | L | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

Parameters (*1, *2)

| | | |
|-------------|-----|-----|
| | OFF | ON |
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 4Ch | 3Ah | *1 | 03h |
| Character | | M | S | L | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.68. P IN P — MAIN WINDOW:SIZE — V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 53h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | M | S | V | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters(*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | M | S | V | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.69. P IN P — MAIN WINDOW:SIZE — H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 53h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | M | S | H | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | M | S | H | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.70. P IN P — MAIN WINDOW:SIZE — HV

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 53h | 5Ah | 3Ah |
| Character | | A | D | Z | Z | ; | M | S | Z | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 5Ah | 3Ah | *1 | *3 | *5 | 03h |
| Character | | M | S | Z | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.71. P IN P — MAIN WINDOW:POSITION — V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 50h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | M | P | V | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -505 | | | | -504 | | | | -503 | | | |
| Hexadecimal | 2Dh | 35h | 30h | 35h | 2Dh | 35h | 30h | 34h | 2Dh | 35h | 30h | 33h |
| Character | - | 5 | 0 | 5 | - | 5 | 0 | 4 | - | 5 | 0 | 3 |
| | +503 | | | | +504 | | | | +505 | | | |
| Hexadecimal | 2Bh | 35h | 30h | 33h | 2Bh | 35h | 30h | 34h | 2Bh | 35h | 30h | 35h |
| Character | + | 5 | 0 | 3 | + | 5 | 0 | 4 | + | 5 | 0 | 3 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -520 | | | | -519 | | | | -518 | | | |
| Hexadecimal | 2Dh | 35h | 32h | 30h | 2Dh | 35h | 31h | 39h | 2Dh | 35h | 31h | 38h |
| Character | - | 5 | 2 | 0 | - | 5 | 1 | 9 | - | 5 | 1 | 8 |
| | +518 | | | | +519 | | | | +520 | | | |
| Hexadecimal | 2Bh | 35h | 31h | 38h | 2Bh | 35h | 31h | 39h | 2Bh | 35h | 32h | 30h |
| Character | + | 5 | 1 | 8 | + | 5 | 1 | 9 | + | 5 | 2 | 0 |

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 50h | 56h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | M | P | V | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT or RASTER POSITION is set besides 0, ER401 is returned.

2.72. P IN P — MAIN WINDOW:POSITION — H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 50h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | M | P | H | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -674 | | | | -673 | | | | -672 | | | |
| Hexadecimal | 2Dh | 36h | 37h | 34h | 2Dh | 36h | 37h | 33h | 2Dh | 36h | 37h | 32h |
| Character | - | 6 | 7 | 4 | - | 6 | 7 | 3 | - | 6 | 7 | 2 |
| | +672 | | | | +673 | | | | +674 | | | |
| Hexadecimal | 2Bh | 36h | 37h | 32h | 2Bh | 36h | 37h | 33h | 2Bh | 36h | 37h | 34h |
| Character | + | 6 | 7 | 2 | + | 6 | 7 | 3 | + | 6 | 7 | 4 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -926 | | | | -925 | | | | -924 | | | |
| Hexadecimal | 2Dh | 39h | 32h | 36h | 2Dh | 39h | 32h | 35h | 2Dh | 39h | 32h | 34h |
| Character | - | 9 | 2 | 6 | - | 9 | 2 | 5 | - | 9 | 2 | 4 |
| | +924 | | | | +925 | | | | +926 | | | |
| Hexadecimal | 2Bh | 39h | 32h | 34h | 2Bh | 39h | 32h | 35h | 2Bh | 39h | 32h | 36h |
| Character | + | 9 | 2 | 4 | + | 9 | 2 | 5 | + | 9 | 2 | 6 |

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 50h | 48h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | M | P | H | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.73. P IN P — SUB WINDOW

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 49h | 53h | 3Ah |
| Character | | A | D | Z | Z | ; | S | I | S | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2)

| | | | | | | | | | |
|-------------|-------|-----|-----|---------|-----|-----|-----|-----|-----|
| | RGB1 | | | RGB2 | | | DVI | | |
| Hexadecimal | 52h | 47h | 31h | 52h | 47h | 32h | 44h | 56h | 49h |
| Character | R | G | 1 | R | G | 2 | D | V | I |
| | VIDEO | | | S VIDEO | | | AUX | | |
| Hexadecimal | 56h | 49h | 44h | 53h | 56h | 44h | 41h | 55h | 58h |
| Character | V | I | D | S | V | D | A | U | X |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 53h | 49h | 53h | 3Ah | *1 | 03h |
| Character | | S | I | S | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- If the same content as the channel set to main window is specified ER402 is returned.
- If RGB1 (RGB2) is specified when RGB2 (RGB1) is set for the main window, ER402 is returned.
- If S-VIDEO (VIDEO) is specified when VIDEO (S-VIDEO) is set for the main window, ER402 is returned.

2.74. P IN P — SUB WINDOW:SIZE — INTERLOCKED

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 53h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | S | S | L | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

■ Parameters (*1, *2)

| | | |
|-------------|-----|-----|
| | OFF | ON |
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 53h | 53h | 4Ch | 3Ah | *1 | 03h |
| Character | | S | S | L | : | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.75. P IN P — SUB WINDOW:SIZE — V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 53h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | S | S | V | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 53h | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | S | S | V | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.76. P IN P — SUB WINDOW:SIZE — H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 53h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | S | S | H | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Dh | 53h | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character | | M | S | H | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.77. P IN P — SUB WINDOW:SIZE — HV

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 53h | 5Ah | 3Ah |
| Character | | A | D | Z | Z | ; | S | S | Z | : |
| Hexadecimal | *1 | *3 | *5 | 03h | | | | | | |
| Character | *2 | *4 | *6 | | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | 11 | | 12 | | 13 | | 14 | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | 31h | 34h | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | |
| | 96 | | 97 | | 98 | | 99 | | 100 | | |
| Hexadecimal | 39h | 36h | 39h | 37h | 39h | 38h | 39h | 39h | 31h | 30h | 30h |
| Character | 9 | 6 | 9 | 7 | 9 | 8 | 9 | 9 | 1 | 0 | 0 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 53h | 5Ah | 3Ah | *1 | *3 | *5 | 03h |
| Character | | S | S | Z | : | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.78. P IN P — SUB WINDOW:POSITION — V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 50h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | S | P | V | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -505 | | | | -504 | | | | -503 | | | |
| Hexadecimal | 2Dh | 35h | 30h | 35h | 2Dh | 35h | 30h | 34h | 2Dh | 35h | 30h | 33h |
| Character | - | 5 | 0 | 5 | - | 5 | 0 | 4 | - | 5 | 0 | 3 |
| | +503 | | | | +504 | | | | +505 | | | |
| Hexadecimal | 2Bh | 35h | 30h | 33h | 2Bh | 35h | 30h | 34h | 2Bh | 35h | 30h | 35h |
| Character | + | 5 | 0 | 3 | + | 5 | 0 | 4 | + | 5 | 0 | 5 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -520 | | | | -519 | | | | -518 | | | |
| Hexadecimal | 2Dh | 35h | 32h | 30h | 2Dh | 35h | 31h | 39h | 2Dh | 35h | 31h | 38h |
| Character | - | 5 | 2 | 0 | - | 5 | 1 | 9 | - | 5 | 1 | 8 |
| | +518 | | | | +519 | | | | +520 | | | |
| Hexadecimal | 2Bh | 35h | 31h | 38h | 2Bh | 35h | 31h | 39h | 2Bh | 35h | 32h | 30h |
| Character | + | 5 | 1 | 8 | + | 5 | 1 | 9 | + | 5 | 2 | 0 |

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 50h | 56h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | S | P | V | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.79. P IN P — SUB WINDOW:POSITION — H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 50h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | S | P | H | : |
| Hexadecimal | *1 | *3 | *5 | *7 | 03h | | | | | |
| Character | *2 | *4 | *6 | *8 | | | | | | |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -674 | | | | -673 | | | | -672 | | | |
| Hexadecimal | 2Dh | 36h | 37h | 34h | 2Dh | 36h | 37h | 33h | 2Dh | 36h | 37h | 32h |
| Character | - | 6 | 7 | 4 | - | 6 | 7 | 3 | - | 6 | 7 | 2 |
| | +672 | | | | +673 | | | | +674 | | | |
| Hexadecimal | 2Bh | 36h | 37h | 32h | 2Bh | 36h | 37h | 33h | 2Bh | 36h | 37h | 34h |
| Character | + | 6 | 7 | 2 | + | 6 | 7 | 3 | + | 6 | 7 | 4 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -926 | | | | -925 | | | | -924 | | | |
| Hexadecimal | 2Dh | 39h | 32h | 36h | 2Dh | 39h | 32h | 35h | 2Dh | 39h | 32h | 34h |
| Character | - | 9 | 2 | 6 | - | 9 | 2 | 5 | - | 9 | 2 | 4 |
| | +924 | | | | +925 | | | | +926 | | | |
| Hexadecimal | 2Bh | 39h | 32h | 34h | 2Bh | 39h | 32h | 35h | 2Bh | 39h | 32h | 36h |
| Character | + | 9 | 2 | 4 | + | 9 | 2 | 5 | + | 9 | 2 | 6 |

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 50h | 48h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character | | S | P | H | : | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| No | No | Yes | Yes | Yes | Yes |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.80. P IN P — FRAME LOCK

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 46h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | P | F | L | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

Parameters (*1, *2)

| | MAIN WINDOW | SUB WINDOW |
|-------------|-------------|------------|
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 50h | 46h | 4Ch | 3Ah | *1 | 03h |
| Character | | P | F | L | : | *2 | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| No | No | Yes | Yes | Yes | Yes |

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- When moving picture signals are input to either main or sub, the frame lock is fixed to the moving picture signals.

2.81. P IN P — TYPE

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 54h | 50h | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | P | T | P | : | *2 | |

Parameters (*1, *2)

| | MAIN WINDOW | SUB WINDOW |
|-------------|-------------|------------|
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 50h | 54h | 50h | 3Ah | *1 | 03h |
| Character | | P | T | P | : | *2 | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| No | No | Yes | Yes | Yes | Yes |

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.82. Set Date

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 54h | 53h | 44h | 3Ah |
| Character | | A | D | Z | Z | ; | T | S | D | : |
| Hexadecimal | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *D2 | *w | 03h |
| Character | | | | | | | | | | |

Parameters

*y1—*y4: Year (4 digits)

*m1, *m2: Month (2 digits)

*d1, *d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Thursday, June 29, 2006

| | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *D2 | *w |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 32h | 30h | 30h | 36h | 30h | 36h | 32h | 39h | 34h |
| Character | 2 | 0 | 0 | 6 | 0 | 6 | 2 | 9 | 4 |

Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 54h | 53h | 44h | 3Ah | *y1 | *y2 | |
| Character | | T | S | D | : | | | |
| Hexadecimal | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w | 03h |
| Character | | | | | | | | |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| Yes | Yes | Yes | Yes | Yes | Yes |

2.83. Set Time

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 54h | 53h | 54h | 3Ah |
| Character | | A | D | Z | Z | ; | T | S | T | : |
| Hexadecimal | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h | | | |
| Character | | | | | | | | | | |

■ Parameters

*h1, *h2: Hour (2 digits)

*m1, *m2 : Minute (2 digits)

*s1, *s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

| | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|
| | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 |
| Hexadecimal | 31h | 35h | 34h | 35h | 30h | 33h |
| Character | 1 | 5 | 4 | 5 | 0 | 3 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|--|
| Hexadecimal | 02h | 54h | 53h | 54h | 3Ah | | | |
| Character | | T | S | T | : | | | |
| Hexadecimal | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h | |
| Character | | | | | | | | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.84. Query Power

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 57h | 03h |
| Character | | A | D | Z | Z | ; | Q | P | W | |

■ Response (Callback)

OFF

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 30h | 30h | 31h | 03h |
| Character | | 0 | 0 | 0 | |

ON

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 30h | 30h | 31h | 03h |
| Character | | 0 | 0 | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.85. Query SHUTTER

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 48h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | H | |

■ Response (Callback)

OFF

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 0 | |

ON

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

2.86. Query Input Change

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|---|---|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | | | 03h |
| Character | | A | D | Z | Z | ; | Q | I | N | |

■ Response (Callback)

RGB1

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 52h | 47h | 31h | 03h |
| Character | | R | G | 1 | |

RGB2

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 52h | 47h | 32h | 03h |
| Character | | R | G | 2 | |

VIDEO

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 49h | 44h | 03h |
| Character | | V | I | D | |

S-VIDEO

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 53h | 56h | 44h | 03h |
| Character | | S | V | D | |

DVI

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 56h | 49h | 03h |
| Character | | D | V | I | |

AUX

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 55h | 58h | 03h |
| Character | | A | U | X | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

2.87. Query TEST PATTERN

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | T | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

■ Parameters (*1, *2, *3, *4)

| | OFF | | White | | Black | | Flag | | Reversed flag | |
|-------------|------------------------|-----|-----------------------|-----|-------|-----|----------|-----|-------------------------|-----|
| Hexadecimal | 30h | 30h | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | Window | | Reversed window | | Focus | | Colorbar | | Gray 1 (20% brightness) | |
| Hexadecimal | 30h | 35h | 30h | 36h | 30h | 37h | 30h | 38h | 31h | 30h |
| Character | 0 | 5 | 0 | 6 | 0 | 7 | 0 | 8 | 1 | 0 |
| | Ramp | | White | | Red | | Green | | Blue | |
| Hexadecimal | 31h | 31h | 32h | 31h | 32h | 32h | 32 | 33 | 32h | 34h |
| Character | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 4 |
| | 10% brightness (White) | | 5% brightness (White) | | Cyan | | Magenta | | Yellow | |
| Hexadecimal | 32h | 35h | 32h | 36h | 32h | 38h | 32h | 39h | 33h | 30h |
| Character | 2 | 5 | 2 | 6 | 2 | 8 | 2 | 9 | 3 | 0 |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.88. Query ON SCREEN

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | O | S | |

■ Response (Callback)

OFF

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | | |

ON

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

2.89. Query PICTURE MODE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 4Dh | 03h |
| Character | | A | D | Z | Z | ; | Q | P | M | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters(*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|----------|-----|-----|---------|-----|-----|---------|-----|-----|
| | DYNAMIC | | | GRAPHIC | | | USER | | |
| Hexadecimal | 44h | 59h | 4Eh | 47h | 52h | 41h | 52h | 41h | 41h |
| Character | D | Y | N | G | R | A | U | S | R |
| | STANDARD | | | CINEMA | | | NATURAL | | |
| Hexadecimal | 53h | 54h | 44h | 43h | 49h | 4Eh | 4Eh | 41h | 54h |
| Character | S | T | D | C | I | N | N | A | T |

2.90. Query COLOR

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 43h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | C | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Note:

- The value in which 50 is added to the value displayed in the menu is returned as a response (callback).

2.91. Query TINT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 54h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | T | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 60 | | | 61 | | | 62 | | |
| Hexadecimal | 30h | 36h | 30h | 30h | 36h | 31h | 30h | 36h | 32h |
| Character | 0 | 6 | 0 | 0 | 6 | 1 | 0 | 6 | 2 |

■ Note:

- The value in which 31 is added to the value displayed in the menu is returned as a response (callback).

2.92. Query COLOR TEMP.

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 45h | 03h |
| Character | | A | D | Z | Z | ; | Q | T | E | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

| | | | | | | | |
|-------------|-----|--------|------|-------|-------|---------|-----|
| | LOW | MIDDLE | HIGH | USER1 | USER2 | DEFAULT | |
| Hexadecimal | 30h | 31h | 32h | 34h | 39h | 31h | 30h |
| Character | 0 | 1 | 2 | 4 | 9 | 1 | 0 |

■ Note:

- The response (callback) other than DEFAULT (10) is one digit.

2.93. Query WHITE BALANCE LOW — R

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 52h | 03h |
| Character | | A | D | Z | Z | ; | Q | O | R | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.94. Query WHITE BALANCE LOW — G

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 47h | 03h |
| Character | | A | D | Z | Z | ; | Q | O | G | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.95. WHITE BALANCE LOW — B

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 42h | 03h |
| Character | | A | D | Z | Z | ; | Q | O | B | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.96. Query WHITE BALANCE HIGH — R

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 52h | 03h |
| Character | | A | D | Z | Z | ; | Q | H | R | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.97. Query WHITE BALANCE HIGH — G

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 47h | 03h |
| Character | | A | D | Z | Z | ; | Q | H | G | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.98. Query WHITE BALANCE HIGH — B

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 42h | 03h |
| Character | | A | D | Z | Z | ; | Q | H | B | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.99. Query CONTRAST

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 52h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | R | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 61 | | | 62 | | | 63 | | |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character | 0 | 6 | 1 | 0 | 6 | 2 | 0 | 6 | 3 |

■ Note:

- The value in which 32 is added to the value displayed in the menu is returned as a response (callback).

2.100. Query BRIGHTNESS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 42h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | B | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | | | 2 | | | 3 | | |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| | 61 | | | 62 | | | 63 | | |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character | 0 | 6 | 1 | 0 | 6 | 2 | 0 | 6 | 3 |

■ Note:

- The value in which 32 is added to the value displayed in the menu is returned as a response (callback).

2.101. Query SHARPNESS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 13 | | | 14 | | | 15 | | |
| Hexadecimal | 30h | 31h | 33h | 30h | 31h | 34h | 30h | 31h | 35h |
| Character | 0 | 1 | 3 | 0 | 1 | 4 | 0 | 1 | 5 |

2.102. Query NOISE REDUCTION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Eh | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | N | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters(*1,*2)

| | | | | |
|-------------|-----|---------|-----|-----|
| | OFF | ON or 1 | 2 | 3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

■ Notes:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- During P IN P, ER401 is returned.

2.103. Query DYNAMIC IRIS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 41h | 49h | 03h |
| Character | | A | D | Z | Z | ; | Q | A | I | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | | | | |
|-------------|-----|-----|-----|-----|------|
| | OFF | 1 | 2 | 3 | USER |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h |
| Character | 0 | 1 | 2 | 3 | 4 |

2.104. Query DYNAMIC IRIS

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 41h | 49h | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | Q | A | I | : | *2 | |

■ Parameters (*1, *2)

| | | | |
|-------------|-----------|-------------|---------------|
| | AUTO IRIS | MANUAL IRIS | DYNAMIC-GAMMA |
| Hexadecimal | 41h | 4Dh | 44h |
| Character | A | M | D |

■ Response (Callback)

In the period when the command can be accepted

When AUTO IRIS or DYNAMIC-GAMMA is specified for the parameter (*1, *2)

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *3 | 03h |
| Character | | *4 | |

When MANUAL IRIS is specified for the parameter (*1, *2)

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *5 | *7 | 03h |
| Character | | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*3, *4,)

| | | | | |
|-------------|-----|-----|-----|-----|
| | OFF | 1 | 2 | 3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

■ Parameters (*5, *6, *7, *8,)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | OFF | | 1 | | 2 | | 3 | |
| Hexadecimal | 30h | 30h | 30h | 31h | 30h | 32h | 30h | 33h |
| Character | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 |
| | 60 | | 61 | | 62 | | 63 | |
| Hexadecimal | 36h | 30h | 36h | 31h | 36h | 32h | 36h | 33h |
| Character | 6 | 0 | 6 | 1 | 6 | 2 | 6 | 3 |

2.105. Query TV-SYSTEM

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 47h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | G | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|----------|-----|-----|--------|-----|-----|-------|-----|-----|
| | AUTO 1 | | | AUTO 2 | | | NTSC | | |
| Hexadecimal | 41h | 54h | 31h | 41h | 54h | 32h | 4Eh | 54h | 53h |
| Character | A | T | 1 | A | T | 2 | N | T | S |
| | NTSC4.43 | | | PAL | | | PAL-M | | |
| Hexadecimal | 4Eh | 34h | 34h | 50h | 41h | 4Ch | 50h | 41h | 4Dh |
| Character | N | 4 | 4 | P | A | L | P | A | M |
| | PAL-N | | | SECAM | | | PAL60 | | |
| Hexadecimal | 50h | 41h | 4Eh | 53h | 45h | 43h | 50h | 36h | 30h |
| Character | P | A | N | S | E | C | P | 6 | 0 |

2.106. Query SHIFT H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 48h | 3Ah |
| Character | | A | D | Z | Z | ; | Q | T | H | : |
| Hexadecimal | 31h | 03h | | | | | | | | |
| Character | 1 | | | | | | | | | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | 0 | | | | 1 | | | | 2 | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 2 |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | 4093 | | | | 4094 | | | | 4095 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h | 34h | 30h | 39h | 35h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 | 4 | 0 | 9 | 5 |

2.107. Query SHIFT V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 56h | 3Ah |
| Character | | A | D | Z | Z | ; | Q | T | V | : |
| Hexadecimal | 31h | 03h | | | | | | | | |
| Character | 1 | | | | | | | | | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | 0 | | | | 1 | | | | 2 | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | 4093 | | | | 4094 | | | | 4095 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h | 34h | 30h | 39h | 35h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 | 4 | 0 | 9 | 5 |

2.108. Query ASPECT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53 h | 45h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | E | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4)

• Input route: VIDEO

Input signal: NTSC

| | | | | | |
|-------------|----------|----------|---------|---------|---------|
| | VID AUTO | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

• Input route: VIDEO

Input signal: Except NTSC

| | | | | | |
|-------------|---------|----------|---------|---------|---------|
| | DEFAULT | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

• Input route: S-VIDEO

Input signal: NTSC

| | | | | | |
|-------------|----------------|----------|------------|-------------|---------|
| | VID AUTO(PRI.) | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | S1 AUTO *3 | VID AUTO *3 | |
| Hexadecimal | 36h | 39h | 32h | 30h | 33h |
| Character | 6 | 9 | 2 | 0 | 3 |

• Input route: S-VIDEO

Input signal: Except NTSC

| | | | | | |
|-------------|---------|----------|---------|---------|---------|
| | DEFAULT | 4:3 *1 | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 32h | 33h | 35h |
| Character | 0 | 1 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | | |
| Hexadecimal | 36h | 39h | | | |
| Character | 6 | 9 | | | |

• Input route: Except VIDEO/S-VIDEO

Input signal: SD

| | | | | |
|-------------|---------|----------|---------|---------|
| | DEFAULT | 16:9 *2 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 32h | 33h | 35h |
| Character | 0 | 2 | 3 | 5 |
| | HV FIT | H FIT *1 | | |
| Hexadecimal | 36h | 39h | | |
| Character | 6 | 9 | | |

• Input route: Except VIDEO/S-VIDEO

Input signal: HD

| | | | | |
|-------------|---------|----------|---------|---------|
| | DEFAULT | 4:3 *1 | S4:3 *2 | THROUGH |
| Hexadecimal | 30h | 31h | 33h | 35h |
| Character | 0 | 1 | 3 | 5 |
| | HV FIT | H FIT *1 | | |
| Hexadecimal | 36h | 39h | | |
| Character | 6 | 9 | | |

*1: Effective for DW10000 only

*2: Effective for D10000 only

*3: The response (callback) other than this item is one digit.

2.109. Query ZOOM H

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 48h | 03h |
| Character | | A | D | Z | Z | ; | Q | Z | H | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | | | 51 | | | 52 | | |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 5 | 2 |
| | 997 | | | 998 | | | 999 | | |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character | 9 | 9 | 7 | 9 | 9 | 8 | 9 | 9 | 9 |

■ Notes:

- When ASPECT is THROUGH, ER401 is returned.
- Even if INTERLOCKED is ON, the value of ZOOM H is returned.

2.110. Query ZOOM V

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 56h | 03h |
| Character | | A | D | Z | Z | ; | Q | Z | V | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | | | 51 | | | 52 | | |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 5 | 2 |
| | 997 | | | 998 | | | 999 | | |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character | 9 | 9 | 7 | 9 | 9 | 8 | 9 | 9 | 9 |

■ Notes:

- When ASPECT is THROUGH, ER401 is returned.
- Even if INTERLOCKED is ON, the value of ZOOM H is returned.

2.111. Query CLOCK PHASE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 43h | 50h | 03h |
| Character | | A | D | Z | Z | ; | Q | C | P | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | No | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 29 | | | 30 | | | 31 | | |
| Hexadecimal | 30h | 32h | 39h | 30h | 33h | 30h | 30h | 33h | 31h |
| Character | 0 | 2 | 9 | 0 | 3 | 0 | 0 | 3 | 1 |

■ Note:

- It is able to accept only when the selected slot is RGB1 or RGB2, and ER401 is returned besides.

2.112. Query INPUT RESOLUTION — TOTAL DOTS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 44h | 03h |
| Character | | A | D | Z | Z | ; | Q | T | D | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 0 | | | | 1 | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 4093 | | | | 4094 | | | |
| Hexadecimal | 34h | 30h | 39h | 33h | 34h | 30h | 39h | 34h |
| Character | 4 | 0 | 9 | 3 | 4 | 0 | 9 | 4 |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.113. Query INPUT RESOLUTION — DISPLAY DOTS

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 44h | 03h |
| Character | | A | D | Z | Z | ; | Q | D | D | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 300 | | | | 301 | | | |
| Hexadecimal | 30h | 33h | 30h | 30h | 30h | 33h | 30h | 31h |
| Character | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 1 |
| | 2045 | | | | 2046 | | | |
| Hexadecimal | 32h | 30h | 34h | 35h | 32h | 30h | 34h | 36h |
| Character | 2 | 0 | 4 | 5 | 2 | 0 | 4 | 6 |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.114. Query INPUT RESOLUTION — TOTAL LINES

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | Q | T | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 211 | | | | 212 | | | |
| Hexadecimal | 30h | 32h | 31h | 31h | 30h | 32h | 31h | 32h |
| Character | 0 | 2 | 1 | 1 | 0 | 2 | 1 | 2 |
| | 2046 | | | | 2047 | | | |
| Hexadecimal | 32h | 30h | 34h | 36h | 32h | 30h | 34h | 37h |
| Character | 2 | 0 | 4 | 6 | 2 | 0 | 4 | 7 |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.115. Query INPUT RESOLUTION — DISPLAY LINES

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | Q | D | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
| | 200 | | | | 201 | | | |
| Hexadecimal | 30h | 32h | 30h | 30h | 30h | 32h | 30h | 31h |
| Character | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 |
| | 1199 | | | | 1200 | | | |
| Hexadecimal | 31h | 31h | 39h | 39h | 31h | 32h | 30h | 30h |
| Character | 1 | 1 | 9 | 8 | 1 | 2 | 0 | 0 |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.116. Query CLAMP POSITION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 54h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | T | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| | 253 | | | 254 | | | 255 | | |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character | 2 | 5 | 3 | 2 | 5 | 4 | 2 | 5 | 5 |

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected. In other cases, ER401 is returned.

2.117. Query KEYSTONE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Bh | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | K | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

2.118. Query KEYSTONE2

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Bh | 03h |
| Character | | A | D | Z | Z | ; | Q | S | K | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

2.119. Query LINEARITY

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 49h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | I | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -127 | | | | -126 | | | | -125 | | | |
| Hexadecimal | 2Dh | 31h | 32h | 37h | 2Dh | 31h | 32h | 36h | 2Dh | 31h | 32h | 35h |
| Character | - | 1 | 2 | 7 | - | 1 | 2 | 6 | - | 1 | 2 | 5 |
| | +125 | | | | +126 | | | | +127 | | | |
| Hexadecimal | 2Bh | 31h | 32h | 35h | 2Bh | 31h | 32h | 36h | 2Bh | 31h | 32h | 37h |
| Character | + | 1 | 2 | 5 | + | 1 | 2 | 6 | + | 1 | 2 | 7 |

2.120. Query DISPLAY LANGUAGE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 47h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | G | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|---------|-----|-----|---------|-----|-----|----------|-----|-----|
| | English | | | German | | | French | | |
| Hexadecimal | 45h | 4Eh | 47h | 44h | 45h | 55h | 46h | 52h | 41h |
| Character | E | N | G | D | E | U | F | R | A |
| | Spanish | | | Italian | | | Japanese | | |
| Hexadecimal | 45h | 53h | 50h | 49h | 54h | 4Ch | 4Ah | 50h | 4Eh |
| Character | E | S | P | I | T | L | J | P | N |
| | Chinese | | | Russian | | | Korean | | |
| Hexadecimal | 43h | 48h | 49h | 52h | 55h | 53h | 4Bh | 4Fh | 52h |
| Character | C | H | I | R | U | S | K | O | R |

2.121. Query BLANKING — UPPER

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 55h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | U | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 523 | | | 524 | | | 525 | | |
| Hexadecimal | 35h | 32h | 33h | 35h | 32h | 34h | 35h | 32h | 35h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 538 | | | 539 | | | 540 | | |
| Hexadecimal | 35h | 33h | 38h | 35h | 33h | 39h | 35h | 34h | 30h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

2.122. Query BLANKING — LOWER

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 42h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | B | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 523 | | | 524 | | | 525 | | |
| Hexadecimal | 35h | 32h | 33h | 35h | 32h | 34h | 35h | 32h | 35h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 538 | | | 539 | | | 540 | | |
| Hexadecimal | 35h | 33h | 38h | 35h | 33h | 39h | 35h | 34h | 30h |
| Character | 5 | 3 | 8 | 5 | 3 | 9 | 5 | 4 | 0 |

2.123. Query BLANKING — RIGHT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | Q | L | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters(*1,*2,*3,*4,*5,*6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 698 | | | 699 | | | 700 | | |
| Hexadecimal | 36h | 39h | 38h | 36h | 39h | 39h | 37h | 30h | 30h |
| Character | 6 | 9 | 8 | 6 | 9 | 9 | 7 | 0 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 958 | | | 959 | | | 960 | | |
| Hexadecimal | 39h | 35h | 38h | 39h | 35h | 39h | 39h | 36h | 30h |
| Character | 9 | 5 | 8 | 9 | 5 | 9 | 9 | 6 | 0 |

2.124. Query BLANKING — LEFT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 52h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | R | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | | 1 | | | 2 | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

D10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 698 | | | 699 | | | 700 | | |
| Hexadecimal | 36h | 39h | 38h | 36h | 39h | 39h | 37h | 30h | 30h |
| Character | 6 | 9 | 8 | 6 | 9 | 9 | 7 | 0 | 0 |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 958 | | | 959 | | | 960 | | |
| Hexadecimal | 39h | 35h | 38h | 39h | 35h | 39h | 39h | 36h | 30h |
| Character | 9 | 5 | 8 | 9 | 5 | 9 | 9 | 6 | 0 |

2.125. Query INSTALLATION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 50h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | P | |

■ Response (Callback)

FRONT-F

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character | | 0 | |

REAR-F

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 34h | 03h |
| Character | | 1 | |

FRONT-C

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 2 | |

REAR-C

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character | | 3 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.126. Query PROJECTOR RUNTIME

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 54h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | T | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | |
|-------------|-----|----|----|----|----|-----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | *9 | 03h |
| Character | | *2 | *4 | *6 | *8 | *10 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

| | | | | | | | | | | |
|-------------|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
| | 0 | | | | | 1 | | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 99998 | | | | | 99999 | | | | |
| Hexadecimal | 39h | 39h | 39h | 39h | 38h | 39h | 39h | 39h | 39h | 39h |
| Character | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 |

2.127. Query LAMP RUNTIME

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 24h | 4Ch | 3Ah | *1 | 03h |
| Character | | A | D | Z | Z | ; | Q | \$ | L | : | *2 | |

■ Parameters (*1, *2)

| | | | | |
|-------------|-------|-------|-------|-------|
| | LAMP1 | LAMP2 | LAMP3 | LAMP4 |
| Hexadecimal | 31h | 32h | 33h | 34h |
| Character | 1 | 2 | 3 | 4 |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character | | *2 | *4 | *6 | *8 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

| | | | | | | | | |
|-------------|--------|-----|-----|-----|--------|-----|-----|-----|
| | 0 h | | | | 1 h | | | |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 9998 h | | | | 9999 h | | | |
| Hexadecimal | 39h | 39h | 39h | 38h | 39h | 39h | 39h | 39h |
| Character | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 |

■ Note:

- It returns with 65535 (five digits) when LAMP RUNTIME cannot be obtained.

2.128. Query LAMP SELECT

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | Q | S | L | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

| | | | | | | | | | | |
|-------------|----------|-----|----------|-----|----------|-----|--------|-----|----------|--|
| | QUAD | | L1/L4 | | L2/L3 | | DUAL | | L1/L2/L3 | |
| Hexadecimal | 30h | | 31h | | 32h | | 33h | | 34h | |
| Character | 0 | | 1 | | 2 | | 3 | | 4 | |
| | L1/L2/L4 | | L1/L3/L4 | | L2/L3/L4 | | TRIPLE | | L1 | |
| Hexadecimal | 35h | | 36h | | 37h | | 38h | | 39h | |
| Character | 5 | | 6 | | 7 | | 8 | | 9 | |
| | L2 | | L3 | | L4 | | SINGLE | | | |
| Hexadecimal | 31h | 30h | 31h | 31h | 31h | 32h | 31h | 33h | | |
| Character | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | | |

■ Note:

- The response (callback) of QUAD (0) — L1 (9) is one digit.

2.129. Query Lamp Status

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | \$ | S | |

■ Response (Callback)

Lamp OFF

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character | | 0 | |

In turning ON

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 1 | |

Lamp ON

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 2 | |

Cooling

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character | | 3 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.130. Query VPS SYSTEM

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 59h | 03h |
| Character | | A | D | Z | Z | ; | Q | V | Y | |

■ Response (Callback)

SLAVE

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character | | 0 | |

MASTER

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character | | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.131. Query TEMP.

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 4Dh | 3Ah |
| Character | | A | D | Z | Z | ; | Q | T | M | : |
| Hexadecimal | *1 | 03h | | | | | | | | |
| Character | *2 | | | | | | | | | |

■ Parameters (*1, *2)

| | | | |
|-------------|------------|-------------|----------------|
| | Intake air | Exhaust air | Optical module |
| Hexadecimal | 30h | 31h | 32h |
| Character | 0 | 1 | 2 |

■ Response (Callback)

For -20°C

| | | | | | | | | | | | | |
|-------------|-----|---------|-----|-----|-----|-----|-----|------------|-----|-----|-----|--|
| | | Celsius | | | | | | Fahrenheit | | | | |
| Hexadecimal | 02h | 2Dh | 30h | 32h | 30h | 2Fh | 2Dh | 30h | 30h | 34h | 03h | |
| Character | | - | 0 | 2 | 0 | / | - | 0 | 0 | 4 | | |

For 120°C

| | | | | | | | | | | | | |
|-------------|-----|---------|-----|-----|-----|-----|-----|------------|-----|-----|-----|--|
| | | Celsius | | | | | | Fahrenheit | | | | |
| Hexadecimal | 02h | 30h | 31h | 32h | 30h | 2Fh | 30h | 32h | 34h | 38h | 03h | |
| Character | | 0 | 1 | 2 | 0 | / | 0 | 2 | 4 | 8 | | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.132. Query ALTITUDE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 46h | 4Dh | 03h |
| Character | | A | D | Z | Z | ; | Q | F | M | |

■ Response (Callback)

LOW

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character | | 0 | |

HIGH

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character | | 1 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.133. Query FUNC1

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 46h | 43h | 03h |
| Character | | A | D | Z | Z | ; | Q | F | C | |

■ Response (Callback)

PIN P

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character | | 0 | |

SUB MEMORY LIST

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character | | 3 | |

SYSTEM SELECTOR

| | | | |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 34h | 03h |
| Character | | 4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.134. Query Usage Condition of Sub Memory

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 42h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | B | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | No | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

When the sub memory is not used, ER401 is returned.

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 01 | | 02 | | 03 | | 04 | |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 4 |
| | 93 | | 94 | | 95 | | 96 | |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character | 9 | 3 | 9 | 4 | 9 | 5 | 9 | 6 |

2.135. Query DVI EDID

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 42h | 4Ch | 03h |
| Character | | A | D | Z | Z | ; | Q | E | D | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | | | |
|-------------|-------|--|-----------|--|
| | EDID1 | | EDID2(PC) | |
| Hexadecimal | 31h | | 32h | |
| Character | 1 | | 2 | |

2.136. Query AUX DVI EDID

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 42h | 4Ch | 3Ah |
| Character | | A | D | Z | Z | ; | Q | E | D | : |
| Hexadecimal | 41h | 55h | 58h | 03h | | | | | | |
| Character | A | U | X | | | | | | | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | |
|-------------|-------|-----------|
| | EDID1 | EDID2(PC) |
| Hexadecimal | 31h | 32h |
| Character | 1 | 2 |

2.137. Query P IN P

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 50h | 03h |
| Character | | A | D | Z | Z | ; | Q | P | P | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | | | |
|-------------|-----|-------|-------|-------|
| | OFF | USER1 | USER2 | USER3 |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character | 0 | 1 | 2 | 3 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.138. Query P IN P — MAIN WINDOW

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 4Dh | 03h |
| Character | | A | D | Z | Z | ; | Q | I | M | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | | | | | | | | |
|-------------|-------|-----|-----|---------|-----|-----|-----|-----|-----|
| | RGB1 | | | RGB2 | | | DVI | | |
| Hexadecimal | 52h | 47h | 31h | 52h | 47h | 32h | 44h | 56h | 49h |
| Character | R | G | 1 | R | G | 2 | D | V | I |
| | VIDEO | | | S VIDEO | | | AUX | | |
| Hexadecimal | 56h | 49h | 44h | 53h | 56h | 44h | 41h | 55h | 58h |
| Character | V | I | D | S | V | D | A | U | X |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.139. Query P IN P — MAIN WINDOW:SIZE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Dh | 03h |
| Character | | A | D | Z | Z | ; | Q | S | M | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | *1 | *3 | 2Ch | 56h | *5 | *7 | *9 | 2Ch | 48h |
| Character | | *2 | *4 | , | V | *6 | *8 | *10 | , | H |
| Hexadecimal | *11 | *13 | *15 | 2Ch | 48h | 56h | *17 | *19 | *21 | 03h |
| Character | *12 | *14 | *16 | , | H | V | *18 | *20 | *22 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

INTERLOCKED

| | | | | |
|-------------|-----|-----|-----|-----|
| | OFF | | ON | |
| Hexadecimal | 4Fh | 46h | 4Fh | 4Eh |
| Character | O | F | O | N |

■ Parameters (*5, *6, *7, *8, *9, *10)

V SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Parameters (*11, *12, *13, *14, *15, *16)

H SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Parameters (*17, *18, *19, *20, *21, *22)

HV SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.140. Query P IN P — MAIN WINDOW:POSITION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 4Dh | 03h |
| Character | | A | D | Z | Z | ; | Q | P | A | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | | | | |
|-------------|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | *1 | *3 | *5 | *7 | 2Ch | 48h | *9 | *11 | *13 | *15 | 03h |
| Character | | V | *2 | *4 | *6 | *8 | , | H | *10 | *12 | *14 | *16 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

V POSITION

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -505 | | | | -504 | | | | -503 | | | |
| Hexadecimal | 2Dh | 35h | 30h | 35h | 2Dh | 35h | 30h | 34h | 2Dh | 35h | 30h | 33h |
| Character | - | 5 | 0 | 5 | - | 5 | 0 | 4 | - | 5 | 0 | 3 |
| | +503 | | | | +504 | | | | +505 | | | |
| Hexadecimal | 2Bh | 35h | 30h | 33h | 2Bh | 35h | 30h | 34h | 2Bh | 35h | 30h | 35h |
| Character | + | 5 | 0 | 3 | + | 5 | 0 | 4 | + | 5 | 0 | 3 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -520 | | | | -519 | | | | -518 | | | |
| Hexadecimal | 2Dh | 35h | 32h | 30h | 2Dh | 35h | 31h | 39h | 2Dh | 35h | 31h | 38h |
| Character | - | 5 | 2 | 0 | - | 5 | 1 | 9 | - | 5 | 1 | 8 |
| | +518 | | | | +519 | | | | +520 | | | |
| Hexadecimal | 2Bh | 35h | 31h | 38h | 2Bh | 35h | 31h | 39h | 2Bh | 35h | 32h | 30h |
| Character | + | 5 | 1 | 8 | + | 5 | 1 | 9 | + | 5 | 2 | 0 |

■ Parameters(*9,*10,*11,*12,*13,*14,*15,*16)

H POSITION

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -674 | | | | -673 | | | | -672 | | | |
| Hexadecimal | 2Dh | 36h | 37h | 34h | 2Dh | 36h | 37h | 33h | 2Dh | 36h | 37h | 32h |
| Character | - | 6 | 7 | 4 | - | 6 | 7 | 3 | - | 6 | 7 | 2 |
| | +672 | | | | +673 | | | | +674 | | | |
| Hexadecimal | 2Bh | 36h | 37h | 32h | 2Bh | 36h | 37h | 33h | 2Bh | 36h | 37h | 34h |
| Character | + | 6 | 7 | 2 | + | 6 | 7 | 3 | + | 6 | 7 | 4 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -926 | | | | -925 | | | | -924 | | | |
| Hexadecimal | 2Dh | 39h | 32h | 36h | 2Dh | 39h | 32h | 35h | 2Dh | 39h | 32h | 34h |
| Character | - | 9 | 2 | 6 | - | 9 | 2 | 5 | - | 9 | 2 | 4 |
| | +924 | | | | +925 | | | | +926 | | | |
| Hexadecimal | 2Bh | 39h | 32h | 34h | 2Bh | 39h | 32h | 35h | 2Bh | 39h | 32h | 36h |
| Character | + | 9 | 2 | 4 | + | 9 | 2 | 5 | + | 9 | 2 | 6 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.141. Query P IN P — SUB WINDOW

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | I | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character | | *2 | *4 | *6 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | | | | | | | | |
|-------------|-------|-----|------|---------|-----|-----|-----|-----|-----|
| | RGB1 | | | RGB2 | | | DVI | | |
| Hexadecimal | 52h | 47h | 31h | 52h | 47h | 32h | 44h | 56h | 49h |
| Character | R | G | 1 | R | G | 2 | D | V | I |
| | VIDEO | | | S VIDEO | | | AUX | | |
| Hexadecimal | 56h | 49h | 44hh | 53h | 56h | 44h | 41h | 55h | 58h |
| Character | V | I | D | S | V | D | A | U | X |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.142. Query P IN P — SUB WINDOW:SIZE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | S | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | *1 | *3 | 2Ch | 56h | *5 | *7 | *9 | 2Ch | 48h |
| Character | | *2 | *4 | , | V | *6 | *8 | *10 | , | H |
| Hexadecimal | *11 | *13 | *15 | 2Ch | 48h | 56h | *17 | *19 | *21 | 03h |
| Character | *12 | *14 | *16 | , | H | V | *18 | *20 | *22 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

INTERLOCKED

| | | | | |
|-------------|-----|-----|-----|-----|
| | OFF | | ON | |
| Hexadecimal | 4Fh | 46h | 4Fh | 4Eh |
| Character | O | F | O | N |

■ Parameters (*5, *6, *7, *8, *9, *10)

V SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Parameters (*11, *12, *13, *14, *15, *16)

H SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Parameters (*17, *18, *19, *20, *21, *22)

HV SIZE

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | | | 11 | | | 12 | | | 13 | | | 14 | | |
| Hexadecimal | 30h | 31h | 30h | 30h | 31h | 31h | 30h | 31h | 32h | 30h | 31h | 33h | 30h | 31h | 34h |
| Character | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 4 |
| | 96 | | | 97 | | | 98 | | | 99 | | | 100 | | |
| Hexadecimal | 30h | 39h | 36h | 30h | 39h | 37h | 30h | 39h | 38h | 30h | 39h | 39h | 31h | 30h | 30h |
| Character | 0 | 9 | 6 | 0 | 9 | 7 | 0 | 9 | 8 | 0 | 9 | 9 | 1 | 0 | 0 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.143. Query P IN P — SUB WINDOW:POSITION

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 53h | 03h |
| Character | | A | D | Z | Z | ; | Q | P | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | | | | |
|-------------|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | *1 | *3 | *5 | *7 | 2Ch | 48h | *9 | *11 | *13 | *15 | 03h |
| Character | | V | *2 | *4 | *6 | *8 | , | H | *10 | *12 | *14 | *16 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

V POSITION

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -505 | | | | -504 | | | | -503 | | | |
| Hexadecimal | 2Dh | 35h | 30h | 35h | 2Dh | 35h | 30h | 34h | 2Dh | 35h | 30h | 33h |
| Character | - | 5 | 0 | 5 | - | 5 | 0 | 4 | - | 5 | 0 | 3 |
| | +503 | | | | +504 | | | | +505 | | | |
| Hexadecimal | 2Bh | 35h | 30h | 33h | 2Bh | 35h | 30h | 34h | 2Bh | 35h | 30h | 35h |
| Character | + | 5 | 0 | 3 | + | 5 | 0 | 4 | + | 5 | 0 | 3 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -520 | | | | -519 | | | | -518 | | | |
| Hexadecimal | 2Dh | 35h | 32h | 30h | 2Dh | 35h | 31h | 39h | 2Dh | 35h | 31h | 38h |
| Character | - | 5 | 2 | 0 | - | 5 | 1 | 9 | - | 5 | 1 | 8 |
| | +518 | | | | +519 | | | | +520 | | | |
| Hexadecimal | 2Bh | 35h | 31h | 38h | 2Bh | 35h | 31h | 39h | 2Bh | 35h | 32h | 30h |
| Character | + | 5 | 1 | 8 | + | 5 | 1 | 9 | + | 5 | 2 | 0 |

■ Parameters (*9, *10, *11, *12, *13, *14, *15, *16)

H POSITION

D10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -674 | | | | -673 | | | | -672 | | | |
| Hexadecimal | 2Dh | 36h | 37h | 34h | 2Dh | 36h | 37h | 33h | 2Dh | 36h | 37h | 32h |
| Character | - | 6 | 7 | 4 | - | 6 | 7 | 3 | - | 6 | 7 | 2 |
| | +672 | | | | +673 | | | | +674 | | | |
| Hexadecimal | 2Bh | 36h | 37h | 32h | 2Bh | 36h | 37h | 33h | 2Bh | 36h | 37h | 34h |
| Character | + | 6 | 7 | 2 | + | 6 | 7 | 3 | + | 6 | 7 | 4 |

DW10000

| | | | | | | | | | | | | |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | -926 | | | | -925 | | | | -924 | | | |
| Hexadecimal | 2Dh | 39h | 32h | 36h | 2Dh | 39h | 32h | 35h | 2Dh | 39h | 32h | 34h |
| Character | - | 9 | 2 | 6 | - | 9 | 2 | 5 | - | 9 | 2 | 4 |
| | +924 | | | | +925 | | | | +926 | | | |
| Hexadecimal | 2Bh | 39h | 32h | 34h | 2Bh | 39h | 32h | 35h | 2Bh | 39h | 32h | 36h |
| Character | + | 9 | 2 | 4 | + | 9 | 2 | 5 | + | 9 | 2 | 6 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.144. Query P IN P — FRAME LOCK

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 46h | 03h |
| Character | | A | D | Z | Z | ; | Q | P | F | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | |
|-------------|-------------|------------|
| | MAIN WINDOW | SUB WINDOW |
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.145. Query P IN P — TYPE

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 54h | 03h |
| Character | | A | D | Z | Z | ; | Q | P | T | |

■ Response (Callback)

In the period when the command can be accepted

| | | | |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character | | *2 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | No | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2)

| | | |
|-------------|-------------|------------|
| | MAIN WINDOW | SUB WINDOW |
| Hexadecimal | 30h | 31h |
| Character | 0 | 1 |

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.146. Query Date

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 47h | 44h | 03h |
| Character | | A | D | Z | Z | ; | Q | G | D | |

■ Response (Callback)

| | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *D2 | *w | 03h |
| Character | | | | | | | | | | | |

■ Parameters

*y1—*y4: Year (4 digits)

*m1, *m2: Month (2 digits)

*d1, *d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Thursday, June 29, 2006

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *D2 | *w |
| Hexadecimal | 32h | 30h | 30h | 36h | 30h | 36h | 32h | 39h | 34h |
| Character | 2 | 0 | 0 | 6 | 0 | 6 | 2 | 9 | 4 |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.147. Query Time

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 47h | 54h | 03h |
| Character | | A | D | Z | Z | ; | Q | G | T | |

■ Response (Callback)

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h |
| Character | | | | | | | | |

■ Parameters

*h1, *h2: Hour (2 digits)

*m1, *m2 : Minute (2 digits)

*s1, *s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

| | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|
| | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 |
| Hexadecimal | 31h | 35h | 34h | 35h | 30h | 33h |
| Character | 1 | 5 | 4 | 5 | 0 | 3 |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.148. Query Model (Series) Name

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 44h | 03h |
| Character | | A | D | Z | Z | ; | Q | I | D | |

■ Response (Callback)

In the period when the command can be accepted

D10000

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 31h | 30h | 30h | 30h | 30h | 03h |
| Character | | D | 1 | 0 | 0 | 0 | 0 | |

DW10000

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 57h | 31h | 30h | 30h | 30h | 30h | 03h |
| Character | | D | W | 1 | 0 | 0 | 0 | 0 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

2.149. Query Lamp ON Status

| | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|---|---|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | h | h | 03h |
| Character | | A | D | Z | Z | ; | Q | L | S | |

■ Response (Callback)

In the period when the command can be accepted

| | | | | |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character | | *2 | *4 | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*1, *2, *3, *4)

| | Lamp OFF | L1/ L2/L3/L4 ON | L1/L4 on | L2/L3 | L1/L2/L3 |
|-------------|----------|-----------------|----------|-------|----------|
| Hexadecimal | 30h | 31h | 32h | 33h | 34h |
| Character | 0 | 1 | 2 | 3 | 4 |
| | L1/L2/L4 | L1/L3/L4 | L2/L3/L4 | L1 | L2 |
| Hexadecimal | 35h | 36h | 37h | 38h | 39h |
| Character | 5 | 6 | 7 | 8 | 9 |
| | L3 | L4 | | | |
| Hexadecimal | 31h | 30h | 31h | 31h | |
| Character | 1 | 0 | 1 | 1 | |

Extended Control Command

| Start (STX) | ID | Command | Parameters | End (ETX) |
|-------------|--------|-------------------|------------------|-----------|
| 1 byte | 1 byte | 1 byte or 3 bytes | Undefined length | 1 byte |

ID of the extended control command

| ID | Hexadecimal 1 (1 byte) | ID | Hexadecimal (1 byte) | ID | Hexadecimal (1 byte) | ID | Hexadecimal 1 (1 byte) |
|------|------------------------------|------|-------------------------|---------|-------------------------|---------|------------------------------|
| ALL | 00 | ID23 | 17 | ID46 | 2E | Group E | 84 |
| ID1 | 01 | ID24 | 18 | ID47 | 2F | Group F | 85 |
| ID2 | 02 | ID25 | 19 | ID48 | 30 | Group G | 86 |
| ID3 | 03 | ID26 | 1A | ID49 | 31 | Group H | 87 |
| ID4 | 04 | ID27 | 1B | ID50 | 32 | Group I | 88 |
| ID5 | 05 | ID28 | 1C | ID51 | 33 | Group J | 89 |
| ID6 | 06 | ID29 | 1D | ID52 | 34 | Group K | 8A |
| ID7 | 07 | ID30 | 1E | ID53 | 35 | Group L | 8B |
| ID8 | 08 | ID31 | 1F | ID54 | 36 | Group M | 8C |
| ID9 | 09 | ID32 | 20 | ID55 | 37 | Group N | 8D |
| ID10 | 0A | ID33 | 21 | ID56 | 38 | Group O | 8E |
| ID11 | 0B | ID34 | 22 | ID57 | 39 | Group P | 8F |
| ID12 | 0C | ID35 | 23 | ID58 | 3A | Group Q | 90 |
| ID13 | 0D | ID36 | 24 | ID59 | 3B | Group R | 91 |
| ID14 | 0E | ID37 | 25 | ID60 | 3C | Group S | 92 |
| ID15 | 0F | ID38 | 26 | ID61 | 3D | Group T | 93 |
| ID16 | 10 | ID39 | 27 | ID62 | 3E | Group U | 94 |
| ID17 | 11 | ID40 | 28 | ID63 | 3F | Group V | 95 |
| ID18 | 12 | ID41 | 29 | ID64 | 40 | Group W | 96 |
| ID19 | 13 | ID42 | 2A | Group A | 80 | Group X | 97 |
| ID20 | 14 | ID43 | 2B | Group B | 81 | Group Y | 98 |
| ID21 | 15 | ID44 | 2C | Group C | 82 | Group Z | 99 |
| ID22 | 16 | ID45 | 2D | Group D | 83 | | |

2.150. Lens Control

| Hexadecimal | 02h | *1 | B1h | 7Ch | *2 | *3 | *4 | 03h |
|-------------|-----|----|---------|------------|----|----|-----|-----|
| Remarks | STX | ID | Command | Parameters | | | ETX | |

■ Parameters (*2)

| | LENS SHIFT H | LENS SHIFT V | LENS FOCUS | LENS ZOOM |
|-------------|--------------|--------------|------------|-----------|
| Hexadecimal | 00h | 01h | 02h | 03h |

■ Parameters (*3)

| | Slowly | Normal | Fast | Home position * |
|-------------|--------|--------|------|-----------------|
| Hexadecimal | 00h | 01h | 02h | 80h |

■ Parameters (*4)

| | Right / Up / Forward / In / Cancel | Left / Down / Backward / Out / Start |
|-------------|------------------------------------|--------------------------------------|
| Hexadecimal | 00h | 01h |

■ Note:

- It is effective only when the parameter (*2) is LENS SHIFT H (00h) or LENS SHIFT V (01h).

■ Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | *5 | B3h | 7Ch | *2 | *3 | *4 | 03h |
|-------------|-----|----|----------|------------|----|----|-----|-----|
| | STX | ID | Callback | Parameters | | | ETX | |

In the period when the command cannot be accepted

| Hexadecimal | 02h | *5 | FFh | 03h |
|-------------|-----|----|-------|-----|
| | STX | ID | Error | ETX |

Acceptability

| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
|----------|--------|-----------|---------|--------------|---------|
| Yes | No | Yes | Yes | Yes | Yes |

2.151. SELF CHECK Information

| | | | | | |
|-------------|-----|----|---------|--------|-----|
| Hexadecimal | 02h | *1 | FEh | FEh | 03h |
| Remarks | STX | ID | Command | Option | ETX |

■ Response (Callback)

In the period when the command can be accepted

| | | | | | | | | | | | | |
|-------------|-----|----|-----|-----|------------|----|----|---|-----|-----|-----|-----|
| Hexadecimal | 02h | *5 | FEh | FEh | *2 | *3 | *4 | — | *15 | *16 | *17 | 03h |
| | STX | ID | | | Parameters | | | | | | | |

Acceptability

| | | | | | |
|----------|--------|-----------|---------|--------------|---------|
| SECURITY | STNDBY | NO SIGNAL | SHUTTER | TEST PATTERN | REMOTE2 |
| Yes | Yes | Yes | Yes | Yes | Yes |

■ Parameters (*2—*17)

| Bit | Name | Description | Condition of Clear Bit |
|-----|---|--|--|
| 0 | Temperature warning (IN) | Intake air temperature is the specific value or higher. | It is less than the specific value. |
| 1 | Temperature warning (OPT) | Optical module (DMD surroundings) temperature is the specific value or higher. | It is less than the specific value. |
| 2 | Temperature warning (OUT) | Exhaust air temperature is the specific value or higher. | It is less than the specific value. |
| 3 | Low temperature warning (OPT) | Optical module (DMD surroundings) temperature is less than the specific value. | It is the specific value or higher. |
| 4 | Temperature error (IN) | Intake air temperature is the specific value or higher. | It is less than the specific value. |
| 5 | Temperature error (OPT) | Optical module (DMD surroundings) temperature is the specific value or higher. | It is less than the specific value. |
| 6 | Temperature error (OUT) | Exhaust air temperature is the specific value or higher. | It is less than the specific value. |
| 7 | Low temperature error (OPT) | Optical module (DMD surroundings) temperature is less than the specific value. | It is the specific value or higher. |
| 8 | Lamp 1 operating time warning | Lamp cumulative usage time is the specific value or longer. | Lamp replacement |
| 9 | Lamp 2 operating time warning | | |
| 10 | Lamp 3 operating time warning | | |
| 11 | Lamp 4 operating time warning | | |
| 12 | Lamp 1 operating time exceeded | Lamp cumulative usage time is the specific value or longer. | |
| 13 | Lamp 2 operating time exceeded | | |
| 14 | Lamp 3 operating time exceeded | | |
| 15 | Lamp 4 operating time exceeded | | |
| 16 | Lamp 1 going out | Lamp-Goes out after turning on. | Executes the lamp turning on processing. |
| 17 | Lamp 2 going out | | |
| 18 | Lamp 3 going out | | |
| 19 | Lamp 4 going out | | |
| 20 | Lamp 1 lighting failure | Lamp ignition failure | |
| 21 | Lamp 2 lighting failure | | |
| 22 | Lamp 3 lighting failure | | |
| 23 | Lamp 4 lighting failure | | |
| 24 | Lamp 1 not installed | Lamp not installed, or Lamp memory read failure | MAIN POWER ON after the lamp is installed, or Lamp memory initialization |
| 25 | Lamp 2 not installed | | |
| 26 | Lamp 3 not installed | | |
| 27 | Lamp 4 not installed | | |
| 28 | AC power supply voltage drop warning (less than 90 V) | | |
| 29 | Lamp unit cover is not closed | Lamp unit cover is not closed for 1 second or longer. | POWER ON after the lamp unit cover is closed |
| 30 | — | | |
| 31 | — | | |

| | | | |
|----|------------------------------------|--|--|
| 32 | Thermosensor disconnected (IN) | Intake air thermosensor is disconnected. | MAIN POWER ON |
| 33 | Thermosensor disconnected (OPT) | Optical module (DMD) thermosensor is disconnected. | |
| 34 | Thermosensor disconnected (OUT) | Exhaust air thermosensor is disconnected. | |
| 35 | Airflow sensor disconnected | Airflow sensor is disconnected. | |
| 36 | Air filter is blocked | | |
| 37 | Internal clock battery replacement | The date is before December 31, 2005 or after January 1, 2036. | Sets the date after the battery is replaced. |
| 38 | — | | |
| 39 | — | | |
| 40 | — | | |
| 41 | — | | |
| 42 | — | | |
| 43 | — | | |
| 44 | — | | |
| 45 | — | | |
| 46 | — | | |
| 47 | — | | |
| 48 | Fan error 1 | Power unit fan | Fan normal operation |
| 49 | Fan error 2 | Lamp fan 1 | |
| 50 | Fan error 3 | Lamp fan 2 | |
| 51 | Fan error 4 | Lamp fan 3 | |
| 52 | Fan error 5 | Lamp fan 4 | |
| 53 | Fan error 6 | Ballast fan 1 | |
| 54 | Fan error 7 | Ballast fan 3 | |
| 55 | Fan error 8 | Radiator fan | |
| 56 | Fan error 9 | Exhaust fan (C) | |
| 57 | Fan error 10 | Exhaust fan (L) | |
| 58 | Fan error 11 | Exhaust fan (R) | |
| 59 | Fan error 12 | R-DMD fan | |
| 60 | Fan error 13 | Liquid cooling pump (G) | |
| 61 | Fan error 14 | Liquid cooling pump (B) | |
| 62 | Fan error 15 | Color prism fan | |
| 63 | Fan error 16 | Lamp prism fan | |
| 64 | Fan error 17 | Ballast fan 2 | |
| 65 | Fan error 18 | Ballast fan 4 | |
| 66 | Shutter error | Shutter error | Shutter ON/OFF |
| 67 | Dynamic iris error | | |
| 68 | Air filter unit error | Air filter cleaning processing time-out | Executes cleaning. |
| 69 | 2.5 V DC error | The voltage is higher than 120% or lower than 80%. | POWER ON |
| 70 | 3.3 V DC error | | |
| 71 | 5.0 V DC error | | |
| 72 | Lamp 1 uninitialization | Lamp EEPROM is not initialized. | Lamp EEPROM initialization |
| 73 | Lamp 2 uninitialization | | |
| 74 | Lamp 3 uninitialization | | |
| 75 | Lamp 4 uninitialization | | |
| 76 | Lamp 1 PFC error | | |
| 77 | Lamp 2 PFC error | | |
| 78 | Lamp 3 PFC error | | |
| 79 | Lamp 4 PFC error | | |
| 80 | FPGA1 configuration error | | |
| 81 | FPGA2 SXGA+ configuration error | | |

| | | | |
|-----|-----------------------------------|--|--------------------------------|
| 82 | FPGA2 FULL-HD configuration error | | |
| 83 | FLASH ROM error | | |
| 84 | RAM error | | |
| 85 | FPGA evolvement error | | |
| 86 | Lens shift error | | |
| 87 | — | | |
| 88 | — | | |
| 89 | — | | |
| 90 | — | | |
| 91 | — | | |
| 92 | — | | |
| 93 | — | | |
| 94 | — | | |
| 95 | — | | |
| 96 | RESIZE setting error | | MAIN POWER ON |
| 97 | Network CPU communication error | | MAIN POWER ON |
| 98 | Sub CPU communication error | | MAIN POWER ON |
| 99 | IIC communication retry 1 | | |
| 100 | IIC communication retry 2 | | |
| 101 | IIC communication retry 3 | | |
| 102 | IIC communication retry 4 | | |
| 103 | IIC communication retry 5 | | |
| 104 | IIC communication retry 6 | | |
| 105 | IIC communication retry 7 | | |
| 106 | IIC communication retry 8 | | |
| 107 | IIC communication retry 9 | | |
| 108 | IIC communication retry 10 | | |
| 109 | IIC communication retry 11 | | |
| 110 | IIC communication retry 12 | | |
| 111 | IIC communication retry 13 | | |
| 112 | IIC communication retry 14 | | |
| 113 | IIC communication retry 15 | | |
| 114 | IIC communication retry 16 | | |
| 115 | A-P.C.Board uninitialization | | A-P.C.Board initialization |
| 116 | FM-R test failure | RDRAM test error | POWER ON |
| 117 | FM-G test failure | | |
| 118 | FM-B test failure | | |
| 119 | FPGA1 setting error | | |
| 120 | FPGA2 setting error | | |
| 121 | FM communication error | Communication error with FM | MAIN POWER ON |
| 122 | — | | |
| 123 | — | | |
| 124 | — | | |
| 125 | — | | |
| 126 | Internal error (Used in main CPU) | All fans have stopped in the factory mode. | POWER ON |
| 127 | Internal error (Used in main CPU) | Error Axx has been occurred. | When the error Axx is canceled |

■ Note:

- In this projector, must specify option FEh.