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
ALL	ADZZ
ID1	AD01
ID2	AD02
ID3	AD03
ID4	AD04
ID5	AD05
ID6	AD06
ID7	AD07
ID8	AD08
ID9	AD09
ID10	AD10
ID11	AD11
ID12	AD12
ID13	AD13
ID14	AD14
ID15	AD15
ID16	AD16
ID17	AD17
ID18	AD18
ID19	AD19
ID20	AD20
ID21	AD21
ID22	AD22

ID	4 bytes String
ID23	AD23
ID24	AD24
ID25	AD25
ID26	AD26
ID27	AD27
ID28	AD28
ID29	AD29
ID30	AD30
ID31	AD31
ID32	AD32
ID33	AD33
ID34	AD34
ID35	AD35
ID36	AD36
ID37	AD37
ID38	AD38
ID39	AD39
ID40	AD40
ID41	AD41
ID42	AD42
ID43	AD43
ID44	AD44
ID45	AD45

ID	4 bytes String
ID46	AD46
ID47	AD47
ID48	AD48
ID49	AD49
ID50	AD50
ID51	AD51
ID52	AD52
ID53	AD53
ID54	AD54
ID55	AD55
ID56	AD56
ID57	AD57
ID58	AD58
ID59	AD59
ID60	AD60
ID61	AD61
ID62	AD62
ID63	AD63
ID64	AD64
Group A	AD0A
Group B	AD0B
Group C	AD0C
Group D	AD0D

ID	4 bytes String
Group E	AD0E
Group F	AD0F
Group-G	AD0G
Group H	AD0H
Group I	AD0I
Group J	AD0J
Group K	AD0K
Group L	AD0L
Group M	AD0M
Group N	AD0N
Group O	AD0O
Group P	AD0P
Group Q	AD0Q
Group R	AD0R
Group S	AD0S
Group T	AD0T
Group U	AD0U
Group V	AD0V
Group W	AD0W
Group X	AD0X
Group Y	AD0Y
Group Z	AD0Z

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	30h	
Character	6	9	2	0	3	0	

• 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 IN 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 IN 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 IN 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	44hh	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	53h	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	30h	
Character	6	9	2	0	3	0	

• 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)

P IN 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	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.

2.139. 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 byte)
ALL	00
ID1	01
ID2	02
ID3	03
ID4	04
ID5	05
ID6	06
ID7	07
ID8	08
ID9	09
ID10	0A
ID11	0B
ID12	0C
ID13	0D
ID14	0E
ID15	0F
ID16	10
ID17	11
ID18	12
ID19	13
ID20	14
ID21	15
ID22	16

ID	Hexadecimal (1 byte)
ID23	17
ID24	18
ID25	19
ID26	1A
ID27	1B
ID28	1C
ID29	1D
ID30	1E
ID31	1F
ID32	20
ID33	21
ID34	22
ID35	23
ID36	24
ID37	25
ID38	26
ID39	27
ID40	28
ID41	29
ID42	2A
ID43	2B
ID44	2C
ID45	2D

ID	Hexadecimal (1 byte)
ID46	2E
ID47	2F
ID48	30
ID49	31
ID50	32
ID51	33
ID52	34
ID53	35
ID54	36
ID55	37
ID56	38
ID57	39
ID58	3A
ID59	3B
ID60	3C
ID61	3D
ID62	3E
ID63	3F
ID64	40
Group A	80
Group B	81
Group C	82
Group D	83

ID	Hexadecimal (1 byte)
Group E	84
Group F	85
Group G	86
Group H	87
Group I	88
Group J	89
Group K	8A
Group L	8B
Group M	8C
Group N	8D
Group O	8E
Group P	8F
Group Q	90
Group R	91
Group S	92
Group T	93
Group U	94
Group V	95
Group W	96
Group X	97
Group Y	98
Group Z	99

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.