Control Commands

Model No. PT-FW430U / FW430E / FW430EA
PT-FX400U / FX400E / FX400EA

CONTENTS

1. BASIC FORMAT

Transmission from the computer begins with STX, and then the command, parameter and ETX are set in 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 parameter)

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

ID of the basic control command

Add ID according to the details of control.
When not add ID, it is transmitted as “ID All”.

ID	4 bytes String
ID All	ADZZ
ID1	AD01
ID2	AD02
ID3	AD03
ID4	AD04
ID5	AD05
ID6	AD06

Response (Callback) of the basic control command

In the period when the command can be accepted

Differs according to each command

In the period when the command cannot be accepted

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

In case of the parameter error or REMOTE2 effective

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

Attention:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. They sending お願い 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 10 seconds or longer

Note:

- This projector will respond to the computer only in the following case:
  When the ID that sent accorded with the ID of the projector.

2. BASIC CONTROL COMMAND

Explanatory notes

○: Enable

×: Disable

△: Refer to the note.

2.1. Power ON (LAMP ON)

Hexadecimal	02h	50h	4Fh	4Eh	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Note:

- When you confirm whether to have succeeded in power-on, confirm it by QPW (Query Power) command after receiving the callback of PON command.

2.2. Power OFF (STNDBY)

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

■Response (Callback)

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

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Note:

- When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of PON command.

2.3. VOLUME (＋) Key

Hexadecimal	02h	41h	55h	55h	03h
Character		A	U	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	55h	55h	03h
Character		A	U	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■Note:

- "IN STANDBY MODE" is "ON" only when, STANDBY when available.

2.4. VOLUME (－) Key

Hexadecimal	02h	41h	55h	44h	03h
Character		A	U	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	55h	44h	03h
Character		A	U	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■Note:

- "IN STANDBY MODE" is "ON" only when, STANDBY when available.

2.5. INPUT SELECT

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

■Parameters (*1,*2,*3,*4,*5,*6)

	COMPUTER1			DVI-I		
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-I			NETWORK		
Hexadecimal	44h	56h	49h	4Eh	57h	50h
Character	D	V	I	N	W	P
	HDMI					
Hexadecimal	48h	44h	31h			
Character	H	D	1			

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

■Note:

- "IN STANDBY MODE" is "ON" only when, STANDBY when available.
- DVI SELECT COMMAND is effective for RG2 in the case of COMPUTER2.

2.6. FREEZE

Hexadecimal	02h	4Fh	46h	5Ah	3Ah	*1	03h
Character		O	F	Z	:	*2	

■Parameters (*1,*2)

	Freeze OFF	Freeze ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	3Ah	*1	03h
Character		O	F	Z	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.7. MENU Key

Hexadecimal	02h	4Fh	4Dh	4Eh	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.8. RETURN Key

Hexadecimal	02h	4Fh	42h	4Bh	03h
Character		O	B	K	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	42h	4Bh	03h
Character		O	B	K	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.9. ENTER Key

Hexadecimal	02h	4Fh	45h	4Eh	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.10. UP (↑) Key

Hexadecimal	02h	4Fh	43h	55h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.11. DOWN (↓) Key

Hexadecimal	02h	4Fh	43h	44h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.12. LEFT (←) Key

Hexadecimal	02h	4Fh	43h	4Ch	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.13. RIGHT (→) Key

Hexadecimal	02h	4Fh	43h	52h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.14. DEFAULT Key

Hexadecimal	02h	4Fh	53h	54h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.15. AUTO SETUP

Hexadecimal	02h	4Fh	41h	53h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
×	×	△	×

■Note:

- "SIGNAL SEARCH" is "ON" only when, NO SIGNAL when available.

2.16. AV MUTE

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

■Parameters (*1,*2)

	AV MUTE OFF	AV MUTE 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	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.17. DIGITAL ZOOM (＋) Key

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.18. DIGITAL ZOOM (－) Key

Hexadecimal	02h	44h	5Ah	44h	03h
Character		D	Z	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	44h	03h
Character		D	Z	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.19. INDEX-WINDOW

Hexadecimal	02h	4Fh	49h	58h	03h
Character		O	I	X	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	49h	58h	03h
Character		O	I	X	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.20. FUNCTION 1

Hexadecimal	02h	46h	43h	31h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.21. FUNCTION 2

Hexadecimal	02h	46h	43h	32h	03h
Character		F	C	2	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.22. FUNCTION 3

Hexadecimal	02h	46h	43h	33h	03h
Character		F	C	3	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.23. SIDE BY SIDE

Hexadecimal	02h	4Fh	44h	57h	03h
Character		O	D	W	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	57h	03h
Character		O	D	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- FW430 Only

2.24. COMPUTER SEARCH

Hexadecimal	02h	4Fh	50h	43h	03h
Character		O	P	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	43h	03h
Character		O	P	C	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.25. PAGE UP Key

Hexadecimal	02h	4Fh	55h	50h	03h
Character		O	U	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	55h	50h	03h
Character		O	U	P	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.26. PAGE DOWN Key

Hexadecimal	02h	4Fh	44h	50h	03h
Character		O	D	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	50h	03h
Character		O	D	P	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.27. MULTI-LIVE Key

Hexadecimal	02h	4Fh	4Dh	4Ch	03h
Character		O	M	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	4Ch	03h
Character		O	M	L	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.28. KEYSTONE selected item display

Hexadecimal	02h	75h	83h	84h	03h
Character		K	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	75h	83h	84h	03h
Character		K	S	T	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.29. ECO Key

Hexadecimal	02h	4Fh	45h	43h	03h
Character		O	E	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	43h	03h
Character		O	E	C	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.30. Numeric Key

Hexadecimal	02h	4Fh	45h	43h	3Ah	*1	03h
Character		O	N	K	:	*2	

■Parameters (*1,*2)

	1	2	3	4	5	6
Hexadecimal	31h	32h	33h	34h	35h	36h
Character	1	2	3	4	5	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	43h	3Ah	*1	03h
Character		O	E	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.31. PICTURE MODE

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

■Parameters (*1,*2,*3,*4,*5,*6)

	DYNAMIC			NATURAL			STANDARD			BLACK BOARD		
Hexadecimal	44h	59h	4Eh	4Eh	41h	54h	53h	54h	44h	42h	42h	44h
Character	D	Y	N	N	A	T	S	T	D	B	B	D
	CINEMA			WHITE BOARD								
Hexadecimal	43h	49h	4Eh	57h	42h	44h						
Character	C	I	N	W	B	D						

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- NAT : Still image , CIN : Moving image

2.32. CONTRAST

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.33. BRIGHTNESS

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.34. COLOR

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is acceptable only when moving image is displayed. In other cases, ER401 is returned.

2.35. TINT

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is acceptable only when moving image is displayed. In other cases, ER401 is returned.

2.36. SHARPNESS

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

■Parameters (*1,*2,*3,*4,*5,*6)

	-06			-05			-04		
Hexadecimal	2Dh	30h	36h	2Dh	30h	35h	2Dh	30h	34h
Character	-	0	6	-	0	5	-	0	4
	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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This setting range varies according to input signal. If out of range, ER402 is returned.

2.37. COLOR TEMPERATURE

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

■Parameters (*1,*2)

	LOW	DEFAULT	HIGH
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.38. DAYLIGHT VIEW

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h
Character		V	X	X	:	D	L	V	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

FRONT INSTALLATION

	OFF				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	AUTO				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	ON				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

REAR INSTALLATION

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h
Character		V	X	X	:	D	L	V	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.39. DIGITAL CINEMA REALITY

Hexadecimal	02h	4Fh	50h	44h	3Ah	*1	03h
Character		O	P	D	:	*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	4Fh	50h	44h	3Ah	*1	03h
Character		O	P	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is available only when an interlaced signal is inputted. In other cases, ER401 is returned.

2.40. NOISE REDUCTION

Hexadecimal	02h	56h	4Eh	52h	3Ah	*1	03h
Character		V	N	R	:	*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	56h	4Eh	52h	3Ah	*1	03h
Character		V	N	R	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.41. TV SYSTEM

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

■Parameters (*1,*2,*3,*4,*5,*6)

	AUTO			NTSC			NTSC4.43			PAL		
Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
Character	A	U	T	N	T	S	N	4	4	P	A	L
	PAL-M			PAL-N			SECAM					
Hexadecimal	50h	41h	4Dh	50h	41h	4Eh	53h	45h	43h			
Character	P	A	M	P	A	N	S	E	C			

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.42. RGB/YPbPr

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		O	R	F	:	*2	

■Parameters (*1,*2)

	RGB	YPbPr	AOUT
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		O	R	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	×	×

2.43. CONTRAST - RED

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	C	1	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	C	1	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.44. CONTRAST - GREEN

Hexadecimal	02h	56h	57h	47h	3Ah	*1	*3	*5	03h
Character		V	C	2	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	47h	3Ah	*1	*3	*5	03h
Character		V	C	2	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.45. CONTRAST - BLUE

Hexadecimal	02h	56h	57h	42h	3Ah	*1	*3	*5	03h
Character		V	C	3	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	42h	3Ah	*1	*3	*5	03h
Character		V	C	3	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.46. BRIGHTNESS - RED

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	1	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	1	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.47. BRIGHTNESS - GREEN

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	2	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	2	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.48. BRIGHTNESS - BLUE

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	3	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	B	3	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.49. KEYSTONE

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	×

2.50. SHIFT H

Hexadecimal	02h	56h	48h	50h	3Ah	*1	*3	*5	*7	03h
Character		V	H	P	:	*2	*4	*6	*8	

■Parameters (*1,*2,*3,*4,*5,*6,*7,*8)

	−127				−126			
Hexadecimal	2Dh	33h	32h	37h	2Dh	33h	32h	36h
Character	−	1	2	7	−	1	2	6
	126				127			
Hexadecimal	30h	33h	32h	36h	30h	33h	32h	37h
Character	0	1	2	6	0	1	2	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	50h	3Ah	*1	*3	*5	*7	03h
Character		V	H	P	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is not acceptable when the input is NETWORK. In this case, ER401 is returned.

2.51. SHIFT V

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−64			−63			−62		
Hexadecimal	2Dh	36h	34h	2Dh	36h	33h	2Dh	36h	32h
Character	−	6	4	−	6	3	−	6	2
	62			63			64		
Hexadecimal	30h	36h	32h	30h	36h	33h	30h	36h	34h
Character	0	6	2	0	6	3	0	6	4

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is acceptable except when the input is NETWORK. Or, this command is acceptable when the input is NETWORK and ASPECT is H-FIT (for FW430 only). In other cases, ER401 is returned.

2.52. OVER SCAN

Hexadecimal	02h	4Dh	4Fh	56h	3Ah	*1	03h
Character		M	O	V	:	*2	

■Parameters (*1,*2,)

	0	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	4Dh	4Fh	56h	3Ah	*1	03h
Character		M	O	V	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is available only when moving image is displayed. In other cases, ER401 is returned.

2.53. DOT CLOCK

Hexadecimal	02h	56h	44h	43h	3Ah	*1	*3	*5	03h
Character		V	D	C	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	43h	3Ah	*1	*3	*5	03h
Character		V	D	C	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- Only when the input is COMPUTER IN, and still image is displayed, this command is acceptable. In other cases, ER401 is returned.

2.54. CLOCK PHASE

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

■Parameters (*1,*2,*3,*4,*5,*6)

	−16			−15			−14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	−	1	6	−	1	5	−	1	4
	14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■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	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- This command is acceptable only when the input is COMPUTER IN. In other cases, ER401 is returned.

2.55. ASPECT

Hexadecimal	02h	56h	53h	31h	3Ah	*1	*3	03h
Character		V	S	1	:	*2	*4	

■Parameters (*1,*2,*3,*4)

・FX400

	AUTO		NORMAL		WIDE		S4:3		NATIVE	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	35h
Character	0	0	0	1	0	2	0	3	0	5
	FULL		H-FIT		V-FIT					
Hexadecimal	30h	36h	30h	39h	31 h	30h				
Character	0	6	0	9	1	0				

・FW430

	AUTO		S4:3		NORMAL		NATIVE		FULL	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	35h	30h	36h
Character	0	0	0	1	0	2	0	5	0	6
	H-FIT		V-FIT							
Hexadecimal	30h	39h	31h	30h						
Character	0	9	1	0						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	31h	3Ah	*1	*3	03h
Character		V	S	1	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.56. FRAME LOCK

Hexadecimal	02h	56h	46h	4Ch	3Ah	*1	03h
Character		V	F	L	:	*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	56h	46h	4Ch	3Ah	*1	03h
Character		V	F	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.57. LANGUAGE

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		O	L	G	:	*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
	Portuguese			Swedish			Norwegian		
Hexadecimal	50h	4Fh	52h	53h	56h	45h	4Eh	4Fh	52h
Character	P	O	R	S	V	E	N	O	R
	Danish			Polish			Czech		
Hexadecimal	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h
Character	D	A	N	P	O	L	C	E	S
	Hungarian			Thai					
Hexadecimal	4Dh	41h	47h	54h	48h	41h			
Character	M	A	G	T	H	A			

■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	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.58. INPUT GUIDE

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

■Parameters (*1,*2)

	OFF	SIMPLE	DETAILED
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.59. OSD DESIGN

Hexadecimal	02h	4Dh	4Fh	44h	3Ah	*1	03h
Character		M	O	D	:	*2	

■Parameters (*1,*2)

	TYPE1	TYPE2	TYPE3
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Fh	44h	3Ah	*1	03h
Character		M	O	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.60. WARNING MESSAGE

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h
Character		V	X	X	:	W	M	D	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h
Character		V	X	X	:	W	M	D	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.61. DVI-I DIGITAL/ANALOG

Hexadecimal	02h	56h	58h	58h	3Ah	44h	44h	41h	49h
Character		V	X	X	:	D	D	A	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	DIGITAL				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	ANALOG				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	44h	41h	49h
Character		V	X	X	:	D	D	A	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.62. EDID Setting

Hexadecimal	02h	4Fh	45h	44h	3Ah	*1	03h
Character		O	E	D	:	*2	

■　パラメーター(*1,*2)

	EDID1 (Moving image)	EDID2(PC)
Hexadecimal	31h	32h
Character	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	44h	3Ah	*1	03h
Character		O	E	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.63. DVI SIGNAL LEVEL

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h
Character		V	X	X	:	D	V	I	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	0-255(PC)				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	16-235				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h
Character		V	X	X	:	D	V	I	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	○

2.64. HDMI SIGNAL LEVEL

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	4Ch	49h
Character		V	X	X	:	H	S	L	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	0-1023				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	64-940				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	4Ch	49h
Character		V	X	X	:	H	S	L	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	○

2.65. CLOSED CAPTION SETTING

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

■Parameters (*1,*2)

	OFF	CC1	CC2	CC3	CC4
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	43h	43h	3Ah	*1	03h
Character		O	C	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

■Note:

- Input signal is 480i (YPbPr) or NTSC, this command is available.

2.66. SCREEN FORMAT

Hexadecimal	02h	56h	53h	46h	3Ah	*1	03h
Character		V	S	F	:	*2	

■Parameters (*1,*2)

	16:10	16:9
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	46h	3Ah	*1	03h
Character		V	S	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- This command is available only for FW430.

2.67. SCREEN POSITION

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h
Character		V	X	X	:	V	S	P	I
Hexadecimal	31h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

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

	LOW				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	CENTER				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	HIGHT				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h
Character		V	X	X	:	V	S	P	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- This command is available only for FW430.

2.68. STARTUP LOGO

Hexadecimal	02h	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		M	L	O	:	*2	

■Parameters (*1,*2)

	OFF	DEFAULT	TEXT	USER
Hexadecimal	30h	31h	32h	32h
Character	0	1	2	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		M	L	O	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.69. AUTO SETUP

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

■Parameters (*1,*2)

	BUTTON	AUTO
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.70. SIGNAL SEARCH

Hexadecimal	02h	4Fh	53h	52h	3Ah	*1	03h
Character		O	S	R	:	*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	4Fh	53h	52h	3Ah	*1	03h
Character		O	S	R	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.71. BACK COLOR

Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h
Character		O	B	C	:	*2	

■Parameters (*1,*2)

	BLUE	BLACK	DEFAULT	USER
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h
Character		O	B	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	×

2.72. WIDE MODE

Hexadecimal	02h	4Fh	58h	47h	3Ah	*1	03h
Character		O	X	G	:	*2	

■Parameters (*1,*2)

	OFF	ON	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	58h	47h	3Ah	*1	03h
Character		O	X	G	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.73. SXGA MODE

Hexadecimal	02h	4Fh	53h	58h	3Ah	*1	03h
Character		O	S	X	:	*2	

■Parameters (*1,*2)

	SXGA	SXGA+
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	58h	3Ah	*1	03h
Character		O	S	X	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.74. PROJECTOR ID

Hexadecimal	02h	52h	49h	53h	3Ah	*1	03h
Character		R	I	S	:	*2	

■Parameters (*1,*2)

	ALL	ID 1	ID 2	ID 3	ID 4	ID 5	ID 6
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	49h	53h	3Ah	*1	03h
Character		R	I	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.75. INITIAL START UP

Hexadecimal	02h	4Fh	50h	59h	3Ah	*1	03h
Character		O	P	Y	:	*2	

■Parameters (*1,*2)

	STANDBY	ON	LAST MEMORY
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	59h	3Ah	*1	03h
Character		O	P	Y	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.76. INSTALLATION

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

■Parameters (*1,*2)

	FRONT/DESK	REAR/DESK	FRONT / CEILING	REAR/CEILING
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	STANDBY	NO SIGNAL	AV MUTE
×	○	○	×

2.77. HIGH ALTITUDE MODE

Hexadecimal	02h	4Fh	46h	4Dh	3Ah	*1	03h
Character		O	F	M	:	*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	4Fh	46h	4Dh	3Ah	*1	03h
Character		O	F	M	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.78. LAMP POWER

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

■Parameters (*1,*2)

	ECO	NORMAL
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.79. SCHEDULE

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	48h	49h
Character		V	X	X	:	S	C	H	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	48h	49h
Character		V	X	X	:	S	C	H	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.80. ECO MANAGEMENT

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.81. AMBIENT LIGHT DETECTION

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	31h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	31h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.82. SIGNAL DETECTION

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	32h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	32h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.83. AV MUTE DETECTION

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	33h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	3	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal	33h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	3	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.84. NO SIGNAL SHUT-OFF

Hexadecimal	02h	4Fh	41h	46h	3Ah	*1	*3	03h
Character		O	A	F	:	*2	*4	

■Parameters (*1,*2,*3,*4)

	OFF		15		60	
Hexadecimal	30h	30h	31h	35h	36h	30h
Character	0	0	1	5	6	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	46h	3Ah	*1	*3	03h
Character		O	A	F	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.85. STANDBY MODE

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	4Dh	49h
Character		V	X	X	:	S	T	M	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	NORMAL				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	ECO				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	4Dh	49h
Character		V	X	X	:	S	T	M	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.86. EMULATE

Hexadecimal	02h	56h	58h	58h	3Ah	45h	4Dh	55h	49h
Character		V	X	X	:	E	M	U	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	DEFAULT				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	D3500				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	D4000				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	D/W5k Series				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4
	D/W/Z6k Series				
Hexadecimal	30h	30h	30h	30h	35h
Character	0	0	0	0	5
	L730				
Hexadecimal	30h	30h	30h	30h	36h
Character	0	0	0	0	6
	L780				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7
	L735				
Hexadecimal	30h	30h	30h	30h	38h
Character	0	0	0	0	8
	L785				
Hexadecimal	30h	30h	30h	30h	39h
Character	0	0	0	0	9
	LB/W Series				
Hexadecimal	30h	30h	30h	31h	30h
Character	0	0	0	1	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	4Dh	55h	49h
Character		V	X	X	:	E	M	U	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.87. AUDIO SETTING - VOLUME

Hexadecimal	02h	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		A	V	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
	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	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		A	V	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■Note:

- During STANDBY, this command is available only when “IN STANDBY MODE “is ON.

2.88. AUDIO SETTING - BALANCE

Hexadecimal	02h	41h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		A	B	L	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6)

	−16			−15			−14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	−	1	6	−	1	5	−	1	4
	14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		A	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■Note:

- During STANDBY, this command is available only when “IN STANDBY MODE “is ON.

2.89. AUDIO SETTING - IN STANDBY MODE

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	42h	49h
Character		V	X	X	:	A	S	B	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	42h	49h
Character		V	X	X	:	A	S	B	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.90. AUDIO SETTING - POWER BUTTON BEEP

Hexadecimal	02h	56h	58h	58h	3Ah	42h	45h	50h	49h
Character		V	X	X	:	B	E	P	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	OFF				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	ON				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	42h	45h	50h	49h
Character		V	X	X	:	B	E	P	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.91. AUDIO SETTING – AUDIO IN SELECT

Hexadecimal	02h	56h	58h	58h	3Ah	41h	49h	4Eh	49h
Character		V	X	X	:	A	I	N	I
Hexadecimal	*1	3Dh	2Dh	*3	*5	*7	*9	*11	03h
Character	*2	=	+	*4	*6	*8	*10	*12	

■Parameters (*1,*2)

	COMPUTER1	DVI-I	HDMI
Hexadecimal	30h	32h	33h
Character	0	2	3
	VIDEO	S-VIDEO	NETWORK
Hexadecimal	34h	35h	36h
Character	4	5	6

■Parameters (*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	AUDIO IN 1				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	AUDIO IN 3				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	HDMI AUDIO IN				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	NETWORK AUDIO IN				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	49h	4Eh	49h
Character		V	X	X	:	A	I	N	I
Hexadecimal	*1	3Dh	2Dh	*3	*5	*7	*9	*11	03h
Character	*2	=	+	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- Can choose "HDMI AUDIO IN", when HDMI input only.
- Can choose "NETWORK AUDIO IN", when NETWORK input only.

2.92. TEST PATTERN

Hexadecimal	02h	4Fh	53h	56h	03h
Character		O	S	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	56h	03h
Character		O	S	V	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.93. TEST PATTERN 2

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

■Parameters (*1,*2)

	All whit	Color bars	White cross on black background	Black cross on white background	Cross hatch
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4
	Dots	Vertical lines	Horizontal lines	Focus	
Hexadecimal	35h	36h	37h	38h	
Character	5	6	7	8	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.94. SCHEDULE (PROGRAM SET)

Hexadecimal	02h	56h	58h	58h	3Ah	53h	50h	47h	49h
Character		V	X	X	:	S	P	G	I
Hexadecimal	*1	3Dh	2Dh	*3	*5	*7	*9	*11	03h
Character	*2	=	+	*4	*6	*8	*10	*12	

■Parameters (*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters (*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	OFF (Disable set)				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	PROGRAM1				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	PROGRAM2				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	PROGRAM3				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	PROGRAM4				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4
	PROGRAM5				
Hexadecimal	30h	30h	30h	30h	35h
Character	0	0	0	0	5
	PROGRAM6				
Hexadecimal	30h	30h	30h	30h	36h
Character	0	0	0	0	6
	PROGRAM7				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	50h	47h	49h
Character		V	X	X	:	S	P	G	I
Hexadecimal	*1	3Dh	2Dh	*3	*5	*7	*9	*11	03h
Character	*2	=	+	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.95. SCHEDULE (PROGRAM EDIT)

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	43h	53h	*1
Character		V	X	X	:	S	C	C	S	*2
Hexadecimal	3Dh	*3	*5	*7	*9	*11	*13	*15	*17	03h
Character	=	*4	*6	*8	*10	*12	*14	*16	*18	

■Parameters (*1,*2)

	program from No.						
Hexadecimal	31h	32h	33h	34h	35h	36h	37h
Character	1	2	3	4	5	6	7

■Parameters (*3,*4,*5,*6)

	COMMAND No. (decimal number) 01～16				
Hexadecimal	30h	31h	…	31h	36h
Character	0	1		1	6

■Parameters (*7,*8,*9,*10)

	COMMAND□ 00～FF				
Hexadecimal	30h	30h	…	46h	46h
Character	0	0		F	F

□Refer to “3.1 SCHEDULE CONTROL COMMAND LIST” of the APPENDIX TABLE.

■Parameters (*11,*12,*13,*14)

	Hour 00～23				
Hexadecimal	30h	30h	…	32h	33h
Character	0	0		2	3

■Parameters (*15,*16,*17,*18)

	Minute 00～59				
Hexadecimal	30h	30h	…	35h	39h
Character	0	0		5	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	43h	53h	*1
Character		V	X	X	:	S	C	C	S	*2
Hexadecimal	3Dh	*3	*5	*7	*9	*11	*13	*15	*17	03h
Character	*=	*4	*6	*8	*10	*12	*14	*16	*18	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.96. SET DATE

Hexadecimal	02h	54h	53h	44h	3Ah					
Character		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：Tuesday, April 1, 2008

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	30h	38h	30h	34h	30h	31h	32h
Character	2	0	0	8	0	4	0	1	2

■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	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.97. SET TIME

Hexadecimal	02h	54h	53h	54h	3Ah		
Character		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	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.98. NTP SYNCHRONIZATION

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	54h	50h	49h
Character		V	X	X	:	N	T	P	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

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

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	54h	50h	49h
Character		V	X	X	:	N	T	P	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.99. WIRELESS LAN

Hexadecimal	02h	4Fh	4Eh	53h	3Ah	*1	*3	*5	03h
Character		O	N	S	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6,)

	OFF			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	3			4			USER1		
Hexadecimal	30h	30h	33h	30h	30h	34h	30h	30h	35h
Character	0	0	3	0	0	4	0	0	5
	USER2			USER3			S-MAP		
Hexadecimal	30h	30h	36h	30h	30h	37h	30h	30h	38h
Character	0	0	6	0	0	7	0	0	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Eh	53h	3Ah	*1	*3	*5	03h
Character		O	N	S	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.100. VGA60/480p SET

Hexadecimal	02h	4Fh	56h	35h	3Ah	*1	03h
Character		O	V	5	:	*2	

■Parameters (*1,*2)

	VGA60	480p	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	56h	35h	3Ah	*1	03h
Character		O	V	5	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.101. SELF CHECK

Hexadecimal	02h	4Fh	53h	43h	03h
Character		O	S	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	43h	03h
Character		O	S	C	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.102. SIDE BY SIDE

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■Note:

- This command is available only for FW430.

2.103. SIDE BY SIDE – SUB INPUT

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

■Parameters (*1,*2,*3,*4,*5,*6,)

	COMPUTER1			NETWORK		
Hexadecimal	52h	47h	31h	4Eh	57h	50h
Character	R	G	1	N	W	P
	VIDEO			S-VIDEO		
Hexadecimal	56h	49h	44h	53h	56h	44h
Character	V	I	D	S	V	D
	DVI-I			HDMI		
Hexadecimal	44h	56h	49h	48h	44h	31h
Character	D	V	I	H	D	1

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	△	△

■Note:

- △ : Acceptable only at the time of “SIDE BY SIDE” mode.

2.104. FUNCTION BUTTON 1

Hexadecimal	02h	4Fh	46h	43h	3Ah	*1	*3	*5	03h
Character		O	F	C	:	*2	*4	*6	

■Parameters (*1,*2,*3,*4,*5,*6,)

	Parameters
Hexadecimal / Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	43h	3Ah	*1	*3	*5	03h
Character		O	F	C	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.105. FUNCTION BUTTON 1 - 2

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

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

	Parameters
Hexadecimal / Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.106. FUNCTION BUTTON 2

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	31h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

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

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	31h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.107. FUNCTION BUTTON 3

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	32h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

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

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	4Eh	43h	49h
Character		V	X	X	:	F	N	C	I
Hexadecimal	32h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.108. AUDIO MUTE

Hexadecimal	02h	41h	4Dh	54h	3Ah	*1	03h
Character		A	M	T	:	*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	41h	4Dh	54h	3Ah	*1	03h
Character		A	M	T	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■Note:

- "IN STANDBY MODE" is "ON" only when, STANDBY when available.

2.109. WIRELESS LAN - OFF

Hexadecimal	02h	4Fh	52h	43h	3Ah	*1	03h
Character		O	R	C	:	*2	

■Parameters (*1,*2)

	OFF
Hexadecimal	31h
Character	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	52h	43h	3Ah	*1	03h
Character		O	R	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.110. EXT OPTION

Hexadecimal	02h	4Fh	48h	4Dh	03h
Character		O	H	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	48h	4Dh	03h
Character		O	H	M	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.111. Query POWER

Hexadecimal	02h	51h	50h	57h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.112. Query INPUT SELECT

Hexadecimal	02h	51h	49h	4Eh	03h
Character		Q	I	N	

■Response (Callback)

COMPUTER

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

DVI-I

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	

NETWORK

Hexadecimal	02h	4Eh	57h	50h	03h
Character		N	W	P	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Note:

- DVI SELECT COMMAND is effective for RG2 in the case of COMPUTER2.

2.113. Query FREEZE

Hexadecimal	02h	51h	46h	5Ah	03h
Character		Q	F	Z	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

2.114. Query AUTO SETUP

Hexadecimal	02h	51h	41h	53h	03h
Character		Q	A	S	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.115. Query AV MUTE

Hexadecimal	02h	51h	53h	48h	03h
Character		Q	S	H	

■Response (Callback)

OFF

Hexadecimal	02h	31h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

2.116. Query INDEX-WINDOW

Hexadecimal	02h	51h	49h	58h	03h
Character		Q	I	X	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

50%

Hexadecimal	02h	31h	03h
Character		1	

75%

Hexadecimal	02h	32h	03h
Character		2	

100%

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	×

2.117. Query PICTURE MODE

Hexadecimal	02h	51h	50h	4Dh	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	DYNAMIC			NATURAL			STANDARD			BLACK BOARD		
Hexadecimal	44h	59h	4Eh	4Eh	41h	54h	53h	54h	44h	42h	42h	44h
Character	D	Y	N	N	A	T	S	T	D	B	B	D
	CINEMA			WHITE BOARD								
Hexadecimal	43h	49h	4Eh	57h	42h	44h						
Character	C	I	N	W	B	D						

■Note:

- When input the Moving image, "NATURAL" is not returned.
- When input the Still image, "CINEMA" is not returned.

2.118. Query CONTRAST

Hexadecimal	02h	51h	56h	52h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.119. Query BRIGHTNESS

Hexadecimal	02h	51h	56h	42h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.120. Query COLOR

Hexadecimal	02h	51h	56h	43h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Note:

- This command is acceptable only when moving image is displayed. In other cases, ER401 is returned.

2.121. Query TINT

Hexadecimal	02h	51h	56h	54h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Note:

- This command is acceptable only when moving image is displayed. In other cases, ER401 is returned.

2.122. Query SHARPNESS

Hexadecimal	02h	51h	56h	53h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−06			−05			−04		
Hexadecimal	2Dh	30h	36h	2Dh	30h	35h	2Dh	30h	34h
Character	−	0	6	−	0	5	−	0	4
	13			14			015		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

2.123. Query COLOR TEMPERATURE

Hexadecimal	02h	51h	54h	45h	03h
Character		Q	T	E	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	LOW	DEFAULT	HIGH
Hexadecimal	30h	31h	32h
Character	0	1	2

2.124. Query DAYLIGHT VIEW

Hexadecimal	02h	51h	56h	58h	3Ah	44h	4Ch	56h	49h	30h	03h
Character		Q	V	X	:	D	L	V	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	56h	49h	30h	3Dh	2Dh
Character		D	L	V	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

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

FRONT INSTALLATION

	OFF				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	AUTO				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	ON				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

REAR INSTALLATION

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

2.125. Query DIGITAL CINEMA REALITY

Hexadecimal	02h	51h	50h	44h	03h
Character		Q	P	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Note:

- This command is available only when an interlaced signal is inputted. In other cases, ER401 is returned.

2.126. Query NOISE REDUCTION

Hexadecimal	02h	51h	4Eh	52h	03h
Character		Q	N	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Note:

- This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.127. Query TV SYSTEM

Hexadecimal	02h	51h	53h	47h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	AUTO			NTSC			NTSC4.43			PAL		
Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
Character	A	U	T	N	T	S	N	4	4	P	A	L
	PAL-M			PAL-N			SECAM					
Hexadecimal	50h	41h	4Dh	50h	41h	4Eh	53h	45h	43h			
Character	P	A	M	P	A	N	S	E	C			

■Note:

- This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.128. Query RGB/YPbPr

Hexadecimal	02h	51h	52h	46h	03h
Character		Q	R	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	RGB	YPbPr	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

2.129. Query CONTRAST - RED

Hexadecimal	02h	51h	43h	31h	03h
Character		Q	C	1	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.130. Query CONTRAST - GREEN

Hexadecimal	02h	51h	43h	32h	03h
Character		Q	C	2	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.131. Query CONTRAST - BLUE

Hexadecimal	02h	51h	43h	33h	03h
Character		Q	C	3	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.132. Query BRIGHTNESS - RED

Hexadecimal	02h	51h	42h	31h	03h
Character		Q	B	1	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.133. Query BRIGHTNESS - GREEN

Hexadecimal	02h	51h	42h	32h	03h
Character		Q	B	2	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.134. Query BRIGHTNESS - BLUE

Hexadecimal	02h	51h	42h	33h	03h
Character		Q	B	3	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.135. Query KEYSTONE

Hexadecimal	02h	51h	4Bh	53h	03h
Character		Q	K	S	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.136. Query SHIFT H

Hexadecimal	02h	51h	48h	50h	03h
Character		Q	H	P	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−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	31h	32h	35h	31h	32h	36h	31h	32h	37h
Character	1	2	5	1	2	6	1	2	7

■Note:

- This command is not acceptable when the input is NETWORK. In this case, ER401 is returned.

2.137. Query SHIFT V

Hexadecimal	02h	51h	56h	50h	03h
Character		Q	V	P	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−64			−63			−62		
Hexadecimal	2Dh	36h	34h	2Dh	36h	33h	2Dh	36h	32h
Character	−	6	4	−	6	3	−	6	2

	62		63		64	
Hexadecimal	36h	32h	36h	33h	36h	34h
Character	6	2	6	3	6	4

■Note:

- This command is acceptable except when the input is NETWORK. Or, this command is acceptable when the input is NETWORK and ASPECT is H-FIT (for FW430 only). In other cases, ER401 is returned.

2.138. Query OVER SCAN

Hexadecimal	02h	51h	4Fh	56h	03h
Character		Q	O	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	0%	3%	5%	7%
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.139. Query DOT CLOCK

Hexadecimal	02h	51h	44h	43h	03h
Character		Q	D	C	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−32			−31			−30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character	−	3	2	−	3	1	−	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

■Note:

- Only when the input is COMPUTER IN, and still image is displayed, this command is acceptable. In other cases, ER401 is returned.

2.140. Query CLOCK PHASE

Hexadecimal	02h	51h	43h	50h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−16			−15			−14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	36h	2Dh	31h	36h
Character	−	1	6	−	1	6	−	1	4
	14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■Note:

- This command is acceptable only when the input is COMPUTER IN. In other cases, ER401 is returned.

2.141. Query ASPECT

Hexadecimal	02h	51h	53h	31h	03h
Character		Q	S	1	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2,*3,*4)

FX400

	AUTO		NORMAL		WIDE		S4:3		NATIVE	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	35h
Character	0	0	0	1	0	2	0	3	0	5
	FULL		H-FIT		V-FIT					
Hexadecimal	30h	36h	30h	39h	31 h	30h				
Character	0	6	0	9	1	0				

FW430

	AUTO		S4:3		NORMAL		NATIVE		FULL	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	35h	30h	36h
Character	0	0	0	1	0	2	0	5	0	6
	H-FIT		V-FIT							
Hexadecimal	30h	39h	31h	30h						
Character	0	9	1	0						

2.142. Query FRAME LOCK

Hexadecimal	02h	51h	46h	4Ch	03h
Character		Q	F	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.143. Query LANGUAGE

Hexadecimal	02h	51h	4Ch	47h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■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
	Portuguese			Swedish			Norwegian		
Hexadecimal	50h	4Fh	52h	53h	56h	45h	4Eh	4Fh	52h
Character	P	O	R	S	V	E	N	O	R
	Danish			Polish			Czech		
Hexadecimal	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h
Character	D	A	N	P	O	L	C	E	S
	Hungarian			Thai					
Hexadecimal	4Dh	41h	47h	54h	48h	41h			
Character	M	A	G	T	H	A			

2.144. Query INPUT GUIDE

Hexadecimal	02h	51h	44h	49h	03h
Character		Q	D	I	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	OFF	SIMPLE	DETAILED
Hexadecimal	30h	31h	32h
Character	0	1	2

2.145. Query OSD DESIGN

Hexadecimal	02h	51h	4Fh	44h	03h
Character		Q	O	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	TYPE1	TYPE2	TYPE3
Hexadecimal	30h	31h	32h
Character	0	1	2

2.146. Query WARNING MESSAGE

Hexadecimal	02h	51h	56h	58h	3Ah	57h	4Dh	44h	49h	30h	03h
Character		Q	V	X	:	W	M	D	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	57h	4Dh	44h	49h	30h	3Dh	2Dh
Character		W	M	D	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.147. Query DVI-I DIGITAL/ANALOG

Hexadecimal	02h	51h	56h	58h	3Ah	44h	44h	41h	49h	30h	03h
Character		Q	V	X	:	D	D	A	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	44h	41h	49h	30h	3Dh	2Dh
Character		D	D	A	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	DIGITAL				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	ANALOG				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

2.148. Query EDID Setting

Hexadecimal	02h	51h	45h	44h	03h
Character		Q	E	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	EDID1 (Moving image)	EDID2(PC)
Hexadecimal	31h	32h
Character	1	2

2.149. Query DVI SIGNAL LEVEL

Hexadecimal	02h	51h	56h	58h	3Ah	44h	56h	49h	49h	30h	03h
Character		Q	V	X	:	D	V	I	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	56h	49h	49h	30h	3Dh	2Dh
Character		D	V	I	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

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

	0-255(PC)				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	16-235				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

2.150. Query HDMI SIGNAL LEVEL

Hexadecimal	02h	51h	56h	58h	3Ah	48h	53h	4Ch	49h	30h	03h
Character		Q	V	X	:	H	S	L	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	4Ch	49h	30h	3Dh	2Dh
Character		H	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

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

	0-1023				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	64-940				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

2.151. Query CLOSED CAPTION SETTING

Hexadecimal	02h	51h	43h	43h	03h
Character		Q	C	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

■Note:

- Input signal is 480i (YPbPr) or NTSC, this command is available.

2.152. Query SCREEN FORMAT

Hexadecimal	02h	51h	53h	46h	03h
Character		Q	S	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Parameters (*1,*2)

	16:10	16:9
Hexadecimal	30h	31h
Character	0	1

■Note:

- This command is available only for FW430.

2.153. Query SCREEN POSITION

Hexadecimal	02h	51h	56h	58h	3Ah	59h	53h	50h	49h	31h	03h
Character		Q	V	X	:	V	S	P	I	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	59h	53h	50h	49h	31h	3Dh	2Dh
Character		V	S	P	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	LOW				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	CENTER				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	HIGHT				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

■Note:

- This command is available only for FW430.

2.154. Query STARTUP LOGO

Hexadecimal	02h	51h	4Ch	4Fh	03h
Character		Q	L	O	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	OFF	DEFAULT	TEXT	USER
Hexadecimal	30h	31h	32h	32h
Character	0	1	2	2

2.155. Query STARTUP LOGO

Hexadecimal	02h	51h	53h	53h	03h
Character		Q	S	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Parameters (*1,*2)

	BUTTON	AUTO
Hexadecimal	30h	31h
Character	0	1

2.156. Query SIGNAL SEARCH

Hexadecimal	02h	51h	53h	52h	03h
Character		Q	S	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.157. Query BACK COLOR

Hexadecimal	02h	51h	42h	43h	03h
Character		Q	B	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■Parameters (*1,*2)

	BLUE	BLACK	DEFAULT	USER
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.158. Query WIDE MODE

Hexadecimal	02h	51h	58h	47h	03h
Character		Q	X	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	OFF	ON	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

2.159. Query SXGA MODE

Hexadecimal	02h	51h	53h	58h	03h
Character		Q	S	X	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	SXGA	SXGA+
Hexadecimal	30h	31h
Character	0	1

2.160. Query INITIAL START UP

Hexadecimal	02h	51h	50h	59h	03h
Character		Q	P	Y	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	STANDBY	ON	LAST MEMORY
Hexadecimal	30h	31h	32h
Character	0	1	2

2.161. Query INSTALLATION

Hexadecimal	02h	51h	53h	50h	03h
Character		Q	S	P	

■Response (Callback)

Hexadecimal	02h	*1	03h
Character		*2	

■Parameters (*1,*2)

	FRONT/DESK	REAR/DESK	FRONT / CEILING	REAR/CEILING
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.162. Query HIGH ALTITUDE MODE

Hexadecimal	02h	51h	46h	4Dh	03h
Character		Q	F	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.163. Query LAMP POWER

Hexadecimal	02h	51h	4Ch	50h	03h
Character		Q	L	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	ECO	NORMAL
Hexadecimal	30h	31h
Character	0	1

2.164. Query SCHEDULE

Hexadecimal	02h	51h	56h	58h	3Ah	53h	43h	48h	49h	30h	03h
Character		Q	V	X	:	S	C	H	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	48h	49h	30h	3Dh	2Dh
Character		S	C	H	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.165. Query ECO MANAGEMENT

Hexadecimal	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	30h	03h
Character		Q	V	X	:	E	C	O	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	30h	3Dh	2Dh
Character		E	C	O	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.166. Query AMBIENT LIGHT DETECTION

Hexadecimal	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	31h	03h
Character		Q	V	X	:	E	C	O	I	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	31h	3Dh	2Dh
Character		E	C	O	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.167. Query SIGNAL DETECTION

Hexadecimal	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	32h	03h
Character		Q	V	X	:	E	C	O	I	2	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	32h	3Dh	2Dh
Character		E	C	O	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.168. Query AV MUTE DETECTION

Hexadecimal	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	33h	03h
Character		Q	V	X	:	E	C	O	I	3	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	33h	3Dh	2Dh
Character		E	C	O	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.169. Query NO SIGNAL SHUT-OFF

Hexadecimal	02h	51h	41h	46h	03h
Character		Q	A	F	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2,*3,*4)

Setting of 15-60 minutes is possible by a unit for five minutes.

	OFF		15		60	
Hexadecimal	30h	30h	31h	35h	36h	30h
Character	0	0	1	5	6	0

2.170. Query STANDBY MODE

Hexadecimal	02h	51h	56h	58h	3Ah	53h	54h	4Dh	49h	30h	03h
Character		Q	V	X	:	S	T	M	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	33h	3Dh	2Dh
Character		S	T	M	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	NORMAL				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	ECO				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

2.171. Query EMULATE

Hexadecimal	02h	51h	56h	58h	3Ah	45h	4Dh	55h	49h	30h	03h
Character		Q	V	X	:	E	M	U	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	4Dh	55h	49h	30h	3Dh	2Dh
Character		E	M	U	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	DEFAULT				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	D3500				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	D4000				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	D/W5k Series				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4
	D/W/Z6k Series				
Hexadecimal	30h	30h	30h	30h	35h
Character	0	0	0	0	5
	L730				
Hexadecimal	30h	30h	30h	30h	36h
Character	0	0	0	0	6
	L780				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7
	L735				
Hexadecimal	30h	30h	30h	30h	38h
Character	0	0	0	0	8
	L785				
Hexadecimal	30h	30h	30h	30h	39h
Character	0	0	0	0	9
	LB/W Series				
Hexadecimal	30h	30h	30h	31h	30h
Character	0	0	0	1	0

2.172. Query AUDIO SETTING - VOLUME

Hexadecimal	02h	51h	41h	56h	03h
Character		Q	A	V	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	△	○	○

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

■Note:

- During STANDBY, this command is available only when “IN STANDBY MODE “is ON.

2.173. Query AUDIO SETTING - BALANCE

Hexadecimal	02h	51h	42h	4Ch	03h
Character		Q	B	L	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	△	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−16			−15			−14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	−	1	6	−	1	5	−	1	4
	14			15			16		
Hexadecimal	30h	36h	31h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

■Note:

- During STANDBY, this command is available only when “IN STANDBY MODE “is ON.

2.174. Query AUDIO SETTING - IN STANDBY MODE

Hexadecimal	02h	51h	56h	58h	3Ah	41h	53h	42h	49h	30h	03h
Character		Q	V	X	:	A	S	B	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	42h	49h	30h	3Dh	2Dh
Character		A	S	B	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.175. Query AUDIO SETTING - POWER BUTTON BEEP

Hexadecimal	02h	51h	56h	58h	3Ah	42h	45h	50h	49h	30h	03h
Character		Q	V	X	:	B	E	P	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	42h	45h	50h	49h	30h	3Dh	2Dh
Character		B	E	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.176. Query AUDIO SETTING – AUDIO IN SELECT

Hexadecimal	02h	51h	56h	58h	3Ah	41h	53h	42h	49h	*1	30h	03h
Character		Q	V	X	:	A	I	N	I	*2	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	42h	49h	*1	3Dh	2Dh
Character		A	I	N	I	*2	=	+
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	COMPUTER IN	DVI-I IN	HDMI IN
Hexadecimal	30h	32h	33h
Character	0	2	3
	VIDEO IN	S-VIDEO IN	NETWORK IN
Hexadecimal	34h	35h	36h
Character	4	5	6

■Parameters (*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	AUDIO IN 1				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	AUDIO IN 3				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	HDMI AUDIO IN				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	NETWORK AUDIO IN				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4

2.177. Query SCHEDULE (PROGRAM SET)

Hexadecimal	02h	51h	56h	58h	3Ah	41h	53h	42h	49h	*1	03h
Character		Q	V	X	:	S	P	G	I	*2	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	42h	49h	*1	3Dh	2Dh
Character		S	P	G	I	*2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters (*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	OFF (Disable set)				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	PROGRAM1				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	PROGRAM2				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2
	PROGRAM3				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	PROGRAM4				
Hexadecimal	30h	30h	30h	30h	34h
Character	0	0	0	0	4
	PROGRAM5				
Hexadecimal	30h	30h	30h	30h	35h
Character	0	0	0	0	5
	PROGRAM6				
Hexadecimal	30h	30h	30h	30h	36h
Character	0	0	0	0	6
	PROGRAM7				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7

2.178. Query SCHEDULE (PROGRAM EDIT)

Hexadecimal	02h	51h	56h	58h	3Ah	53h	43h	43h	53h	*1
Character		Q	V	X	:	S	C	C	S	*2
Hexadecimal	02h	*3	*5	03h						
Character	=	*4	*6							

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	43h	53h	*1	3Dh	*3	*5
Character		S	C	C	S	*2	=	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	*17	03h		
Character	*8	*10	*12	*14	*16	*18			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	program from No.						
Hexadecimal	31h	32h	33h	34h	35h	36h	37h
Character	1	2	3	4	5	6	7

■Parameters (*3,*4,*5,*6)

	COMMAND No. (decimal number) 01～16				
Hexadecimal	30h	31h	…	31h	36h
Character	0	1		1	6

■Parameters (*7,*8,*9,*10)

	COMMAND※ 00～FF				
Hexadecimal	30h	30h	…	46h	46h
Character	0	0		F	F

□※Refer to “3.1 SCHEDULE CONTROL COMMAND LIST” of the APPENDIX TABLE.

■Parameters (*11,*12,*13,*14)

	Hour 00～23				
Hexadecimal	30h	30h	…	32h	33h
Character	0	0		2	3

■Parameters (*15,*16,*17,*18)

	Minute 00～59				
Hexadecimal	30h	30h	…	35h	39h
Character	0	0		5	9

2.179. Query DATE AND TIME

Hexadecimal	02h	51h	43h	54h	03h
Character		Q	C	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*Y1	*Y2	*Y3	*Y4	*M1	*M2	*D1	*D2
Character									
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	*t1	*t2	03h
Character									

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters

*Y1～*Y4：Year（4 digits）
*M1～*M2：Month（2 digits）
*D1～*D2：Day（2 digits）
*h1～*h2：Hour（2 digits）
*m1～*m2：Minute（2 digits）
*s1～*s2：Second（2 digits）
*t1～*t2：Time zone（2 digits）

Example：In the case of April 1, 2008 12:00:00 (+00:00)

		*Y1	*Y2	*Y3	*Y4	*M1	*M2	*D1	*D2
Hexadecimal	02h	32h	30h	30h	38h	30h	34h	30ah	31h
Character		2	0	0	8	0	4	0	1
	*h1	*h2	*m1	*m2	*s1	*s2	*t1	*t2	
Hexadecimal	31h	32h	30h	30h	30h	30h	30h	64h	03h
Character	1	2	0	0	0	0	0	d	

2.180. Query DATE

Hexadecimal	02h	51h	47h	44h	03h
Character		Q	G	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character											

■Parameters (*1,*2,*3,*4,*5,*6)

*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：Tuesday, April 1, 2008

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	30h	38h	30h	34h	30h	31h	31h
Character	2	0	0	8	0	4	0	1	2

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.181. Query TIME

Hexadecimal	02h	51h	47h	54h	03h
Character		Q	G	T	

■Response (Callback)

In the period when the command can be accepted

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	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.182. Query NTP SYNCHRONIZATION

Hexadecimal	02h	51h	56h	58h	3Ah	4Eh	54h	50h	49h	30h	03h
Character		Q	V	X	:	N	T	P	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Eh	54h	50h	49h	30h	3Dh	2Dh
Character		N	T	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

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

2.183. Query VGA60 / 480p

Hexadecimal	02h	51h	56h	35h	03h
Character		Q	V	5	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■Parameters (*1,*2)

	VGA60	480p	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

2.184. Query DVI SELECT

Hexadecimal	02h	51h	56h	58h	3Ah	44h	53h	43h	49h	30h	03h
Character		Q	V	X	:	D	S	C	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5.h	43h	49h	30h	3Dh	2Dh
Character		D	S	C	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	DVI				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	COMPUTER2				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

2.185. Query SIDE BY SIDE

Hexadecimal	02h	51h	50h	50h	03h
Character		Q	P	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Note:

- This command is available only for FW430.

2.186. Query SIDE BY SIDE – SUB INPUT

Hexadecimal	02h	51h	49h	53h	03h
Character		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	STANDBY	NO SIGNAL	AV MUTE
×	×	△	△

■Parameters (*1,*2,*3,*4,*5,*6)

	COMPUTER1			DVI-I		
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-I			HDMI		
Hexadecimal	44h	56h	49h	48h	44h	31h
Character	D	V	I	H	D	1
	NETWORK					
Hexadecimal	4Eh	57h	50h			
Character	N	W	P			

■Note:

- This command is available only for FW430.
- △ : Acceptable only at the time of “SIDE BY SIDE” mode.

2.187. Query FUNCTION BUTTON 1

Hexadecimal	02h	51h	46h	43h	03h
Character		Q	F	C	

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

2.188. Query FUNCTION BUTTON 1 - 2

Hexadecimal	02h	51h	56h	58h	3Ah	46h	4Eh	43h	49h	30h	03h
Character		Q	V	X	:	F	N	C	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	4Eh	43h	49h	30h	3Dh	2Dh
Character		F	N	C	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

2.189. Query FUNCTION BUTTON 2

Hexadecimal	02h	51h	56h	58h	3Ah	46h	4Eh	43h	49h	31h	03h
Character		Q	V	X	:	F	N	C	I	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	4Eh	43h	49h	31h	3Dh	2Dh
Character		F	N	C	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

2.190. Query FUNCTION BUTTON 3

Hexadecimal	02h	51h	56h	58h	3Ah	46h	4Eh	43h	49h	32h	03h
Character		Q	V	X	:	F	N	C	I	2	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	4Eh	43h	49h	32h	3Dh	2Dh
Character		F	N	C	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

	Parameters
Hexadecimal Character	Refer to “3.2 FNC COMMAND PARAMETERS” of the APPENDIX TABLE.

2.191. Query RUNTIME - LAMP

Hexadecimal	02h	51h	24h	4Ch	03h
Character		Q	$	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	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	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:

- If the lamp runtime cannot be accessed, 0000 is returned.

2.192. Query LAMP STATUS

Hexadecimal	02h	51h	24h	53h	03h
Character		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	32h	03h
Character		2	

In turning OFF

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.193. Query TEMP INFORMATION

Hexadecimal	02h	51h	4Dh	41h	3Ah	*1	03h
Character		Q	T	M	:	*2	

■Parameters (*1,*2)

	Intake air	Exhaust air
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

Example: 20°C (68°F)

Hexadecimal	02h	30h	30h	32h	30h	2Fh	30h	30h	36h	38h	03h
Character		0	0	2	0	/	0	0	6	8	

Example: -10°C (14°F)

Hexadecimal	02h	2Dh	30h	31h	30h	2Fh	30h	30h	31h	34h	03h
Character		-	0	1	0	/	0	0	1	4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

2.194. Query SERIAL NUMBER

Hexadecimal	02h	51h	53h	4Eh	03h
Character		Q	S	N	

■Response (Callback)

Example: SB12345678

Hexadecimal	02h	41h	42h	31h	32h	33h	34h	35h	36h	37h	38h	03h
Character		S	B	1	2	3	4	5	6	7	8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

2.195. Query MAC ADDRESS

Hexadecimal	02h	51h	4Dh	41h	03h
Character		Q	M	A	

■Response (Callback)

Example: AB0102030405

Hexadecimal	02h	41h	42h	30h	31h	30h	32h	30h	33h	30h	34h	30h	35h	03h
Character		A	B	0	1	0	2	0	3	0	4	0	5	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

2.196. Query RUNTIME - PROJECTOR

Hexadecimal	02h	51h	56h	58h	3Ah	52h	54h	4Dh	49h	30h	03h
Character		Q	V	X	:	R	T	M	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	54h	4Dh	49h	30h	3Dh	2Dh
Character		R	T	M	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

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

Example: 55 hours

Hexadecimal	30h	30h	30h	35h	35h
Character	0	0	0	5	5

2.197. Query LAMP PART No.

Hexadecimal	02h	51h	56h	58h	3Ah	4Ch	4Dh	4Eh	53h	30h	03h
Character		Q	V	X	:	L	M	N	S	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	4Dh	4Eh	53h	30h	3Dh
Character		L	M	N	S	0	=
Hexadecimal	*1	*3	*5	*7	*9	03h	
Character	*2	*4	*6	*8	*10		

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

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

Example: ET-LAF100

Hexadecimal	45h	54h	2Dh	4Ch	41h	46h	31h	30h	30h
Character	E	T	-	L	A	F	1	0	0

■Note:

- This figure of the parameter fluctuates.

2.198. Query LAMP SERIAL NUMBER

Hexadecimal	02h	51h	56h	58h	3Ah	4Ch	53h	4Eh	53h	30h	03h
Character		Q	V	X	:	L	S	N	S	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	53h	4Eh	53h	30h	3Dh
Character		L	S	N	S	0	=
Hexadecimal	*1	*3	*5	*7	*9	03h	
Character	*2	*4	*6	*8	*10		

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

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

Example: 12345-67890

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

■Note:

- This figure of the parameter fluctuates

2.199. Query CCONTROL PANEL OPERATION

Hexadecimal	02h	51h	50h	44h	03h
Character		Q	P	K	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■Parameters (*1,*2)

	ENABLE	DISABLE
Hexadecimal	30h	31h
Character	0	1

3. APPENDIX TABHLE

3.1. SCHEDULE CONTROL COMMAND LIST

Classification	Control Commavd	Function
POWER CONTROL	10	STANDBY
	11	POWER - ON
AV MUTE	20	AV MUTE - OFF
	21	AV MUTE - ON
INPUT SELECT	31	COMPUTER - IN
	41	VIDEO – IN
	42	S-VIDEO - IN
	51	DVI-I - IN
	53	HDMI - IN
	61	NETWORK - IN
LAMP POWER	70	LAMP POWER - NORMAL
	71	LAMP POWER - ECO
SIDE BY SIDE	90	SIDE BY SIDE - OFF
	91	SIDE BY SIDE - ON
IN STANDBY MODE	A0	IN STANDBY MODE(AUDIO) - OFF
	A1	IN STANDBY MODE(AUDIO) - ON
AUDIO IN VOLUME	C0～FF	VOLUME LEVEL 0～63

3.2. FNC COMMAND PARAMETERS

Parameters	Function name	Parameters	Function name
0000	DISABLE	0053	HDMI SIGNAL LEVEL
0001	PICTURE	0054	CLOSED CAPTION
0002	POSITION	0055	CLOSED CAPTION MODE
0003	LANGUAGE	0056	SCREEN FORMAT
0004	DISPLAY OPTION	0057	SCREEN POSITION
0005	PROJECTOR SETUP	0058	OTHER FUNCTIONS - AUTO SETUP
0006	SECURITY	0059	FREEZE
0007	NETWORK	0060	AV MUTE
0008	PICTURE MODE	0061	INDEX WINDOW
0009	CONTRAST	0062	DIGITAL ZOOM
0010	BRIGHTNESS	0063	SIDE BY SIDE
0011	COLOR	0064	STATUS
0012	TINT	0065	PROJECTOR - ID
0013	SHARPNESS	0066	INITIAL START UP
0014	COLOR TEMPERATURE	0067	PROJECTION METHOD
0015	ADVANCED MENU	0068	HIGH ALTITUDE MODE
0016	DAYLIGHT VIEW	0069	LAMP POWER
0017	DIGITAL CINEMA REALITY	0070	SCHEDULE
0018	NOISE REDUCTION	0071	ECO MANAGEMENT
0019	TV-SYSTEM	0072	EMULATE
0020	RGB/YpbPr	0073	FUNCTION BUTTON
0021	CONTRAST - R	0074	AUDIO SETTING
0022	CONTRAST - G	0075	DATE AND TIME
0023	CONTRAST - B	0076	TEST PATTERN
0024	BRIGHTNESS - R	0077	AUTO POWER SAVE
0025	BRIGHTNESS - G	0078	AMBIENT LIGHT DETECTION
0026	BRIGHTNESS - B	0079	SIGNAL DETECTION
0027	KEYSTONE	0080	AV MUTE DETECTION
0028	SHIFT	0081	NO SIGNAL SHUT-OFF
0029	SHIFT V	0082	STANDBY MODE
0030	DOT CLOCK	0083	VOLUME
0031	CLOCK PHASE	0084	BALANCE
0032	OVER SCAN	0085	IN STANDBY MODE
0033	ASPECT	0086	POWER BUTTON BEEP
0034	FRAME LOCK	0087	AUDIO IN SELECT- VIDEO
0035	ON-SCREEN DISPLAY	0088	AUDIO IN SELECT- S-VIDEO
0036	DVI-I IN	0089	AUDIO IN SELECT- COMPUTER
0037	HDMI IN	0090	AUDIO IN SELECT- DVI-I
0038	CLOSED CAPTION	0091	AUDIO IN SELECT- HDMI
0039	SCREEN SETTING	0092	AUDIO IN SELECT- NETWORK
0040	STARTUP LOGO	0093	TIME ZONE
0041	AUTO SETUP	0094	DATE AND TIME
0042	SIGNAL SEARCH	0095	WIRED LAN
0043	BACK COLOR	0096	WIRELESS LAN
0044	WIDE MODE	0097	NAME CHANGE
0045	SXGA MODE	0098	PASSWORD
0046	OTHER FUNCTIONS	0099	PASSWORD CHANGE
0047	INPUT GUIDE	0100	NETWORK CONTROL
0048	OSD DESIGN	0101	LIVE MODE CUT IN
0049	WARNING MESSAGE	0102	COMPUTER SEARCH
0050	DVI-I DIGITAL/ANALOG	0103	MULTI-LIVE
0051	DVI EDID	0104	NETWORK STATUS
0052	DVI SIGNAL LEVEL		