Control Commands

Model No. PT-LX22U /LX22E /LX22EA /UX220
PT-LX26U /LX26E /LX26EA

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)	Command	End (ETX)
1 byte	3 bytes	1 byte

Basic control command (with parameter)

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

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 or not available.

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

In case of the parameter error

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

Attention:

- 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

2. BASIC CONTROL COMMAND

Explanatory notes

○: Enable

×: Disable

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 (NETWORK)	STAMDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	○	○	×	×	×

■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 (STANDBY)

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

■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. 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		
Hexadecimal	52h	47h	31h
Character	R	G	1

	VIDEO			S-VIDEO		
Hexadecimal	56h	49h	44h	53h	56h	44h
Character	V	I	D	S	V	D

	SCART		
Hexadecimal	53h	43h	54h
Character	S	C	T

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.4. FREEZE Key

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

2.5. FREEZE Key (TOGGLE)

Hexadecimal	02h	4Fh	46h	5Ah	03h
Character		O	F	Z	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	03h
Character		O	F	Z	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

2.6. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.7. SELECT 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

2.8. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

2.9. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

2.10. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

2.11. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	×	×	○	○	○

2.12. AUTO SETUP Key

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.13. BLANK Key

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.14. BLANK Key (TOGGLE)

Hexadecimal	02h	4Fh	53h	48h	03h
Character		O	S	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	03h
Character		O	S	H	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.15. D. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

2.16. D. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

2.17. KEYSTONE Key

Hexadecimal	02h	4Bh	53h	54h	03h
Character		K	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Bh	53h	54h	03h
Character		K	S	T	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.18. 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			STANDARD			CINEMA		
Hexadecimal	44h	59h	4Eh	53h	54h	44h	43h	49h	4Eh
Character	D	Y	N	S	T	D	C	I	N
	REAL			BLACK BOARD			COLOR BOARD		
Hexadecimal	52h	45h	41h	42h	42h	44h	43h	42h	44h
Character	R	E	A	B	B	D	C	B	D
	IMAGE 1			IMAGE 2			IMAGE 3		
Hexadecimal	49h	4Dh	31h	49h	4Dh	32h	49h	4Dh	33h
Character	I	M	1	I	M	2	I	M	3
	IMAGE 4								
Hexadecimal	49h	4Dh	34h						
Character	I	M	4						

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.19. 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)

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.20. 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)

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.21. 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)

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.22. 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)

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.23. 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)

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

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.24. COLOR TEMPERATURE

[LOW/MID/HIGH]

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

■Parameters (*1,*2)

	LOW	MID	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	

[XLOW]

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

■Parameters (*1,*2,*3,*4)

	XLOW	
Hexadecimal	31h	31h
Character	1	1

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.25. PROGRESSIVE

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

■Parameters (*1,*2)

	FILM	OFF	L1
Hexadecimal	30h	31h	32h
Character	0	1	2

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

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

2.26. NOISE REDUCTION

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

■Parameters (*1,*2)

	OFF	L1	L2
Hexadecimal	30h	31h	32h
Character	0	1	2

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.27. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

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

2.28. RGB/YPbPr

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

■Parameters (*1,*2)

	YPbPr
Hexadecimal	31h
Character	1

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- This command is acceptable only when the input is Computer 1-RGB or Computer 1-component.

2.29. 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)

	−60			−59			−58		
Hexadecimal	2Dh	36h	30h	2Dh	35h	39h	2Dh	35h	38h
Character	−	6	0	−	5	9	−	5	8
	58			59			60		
Hexadecimal	30h	35h	38h	30h	35h	39h	30h	36h	30h
Character	0	5	8	0	5	9	0	6	0

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.30. 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)

	0				1			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	319				320			
Hexadecimal	30h	33h	31h	39h	30h	33h	32h	30h
Character	0	3	1	9	0	3	2	0

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.31. 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)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	36			37			38		
Hexadecimal	30h	33h	36h	30h	33h	37h	30h	33h	38h
Character	0	3	6	0	3	7	0	3	8

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.32. DOT CLOCK

Hexadecimal	02h	56h	44h	43h	3Ah	*1	*3	*5	*7	03h
Character		V	D	C	:	*2	*4	*6	*8	

■Parameters (*1,*2,*3,*4,*5,*6,*7,*8)

	1190				1189			
Hexadecimal	31h	31h	39h	30h	31h	31h	38h	39h
Character	1	1	9	0	1	1	8	9
	2894				2895			
Hexadecimal	32h	38h	39h	34h	32h	38h	39h	35h
Character	2	8	9	4	2	8	9	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	43h	3Ah	*1	*3	*5	*7	03h
Character		V	D	C	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.33. FINE SYNC

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

■Parameters (*1,*2,*3,*4,*5,*6)

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

■Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.34. SCREEN

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

■Parameters (*1,*2,*3,*4)

	NORMAL		WIDE		TRUE		FULL		ZOOM	
Hexadecimal	30h	31h	30h	32h	30h	35h	30h	36h	34h	30h
Character	0	1	0	2	0	5	0	6	4	0
	COSTOM									
Hexadecimal	35h	30h								
Character	5	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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- When unselective mode is selected at the no signal, ER401 is returned.

2.35. 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			Holland		
Hexadecimal	4Dh	41h	47h	54h	48h	41h	4Eh	4Ch	44h
Character	M	A	G	T	H	A	N	L	D
	Finland			Romanian			Turkish		
Hexadecimal	46h	49h	4Eh	52h	55h	4Dh	54h	55h	52h
Character	F	I	N	R	U	M	T	U	R
	Arabic			kazakhstan			Vietnamese		
Hexadecimal	41h	52h	41h	4Bh	41h	5Ah	56h	49h	45h
Character	A	R	A	K	A	Z	V	I	E

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.36. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	×	○	○

■Note:

- This command is effective only when the system is fixed with “NTSC” and the proper signals (NTSC Video or S-Video signal) are input.

2.37. LOGO

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

■Parameters (*1,*2)

	OFF	USER	DEFAULT
Hexadecimal	30h	31h	32h
Character	0	1	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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- When the Logo PIN code is “ON”, ER401 is returned.
- When the user registered Logo is not available, “OFF” and “DEFAULT” are effectice. In other cases, ER401 is returned.

2.38. AUTO SETUP

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

■Parameters (*1,*2)

	ON1	ON2
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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- This command is effevtive only when the Signal Search selects “ON2”. In other cases, ER401 is returned.

2.39. INPUT SEARCH

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

■Parameters (*1,*2)

	OFF	ON2
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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.40. BACKGROUND

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

■Parameters (*1,*2)

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

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- When the user regiterd Logo is not available, “BLUE” and “BLACK” are effective. In other cases, ER401 is returned.

2.41. DIRECT ON

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.42. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.43. FAN CONTROL

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

■Parameters (*1,*2)

	OFF	ON1
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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.44. LAMP POWER

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

■Parameters (*1,*2)

	Normal	Eco	High
Hexadecimal	31h	30h	35h
Character	1	0	5

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.45. POWER MANAGEMENT

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

■Parameters (*1,*2,*3,*4)

	OFF		15		30	
Hexadecimal	30h	30h	31h	35h	33h	30h
Character	0	0	1	5	3	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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

■Note:

- When setting “01” to “30”, the setting of Power Magegement is set “Shut down” forcibly..

2.46. STANDBY MODE

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
×	×	×	○	○	○

2.47. Query POWER

Hexadecimal	02h	51h	50h	57h	03h
Character		Q	P	W	

■Response (Callback)

OFF

Hexadecimal	02h	30h	30h	30h	03h
Character		0	0	0	

ON

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

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	○	○	○	○

2.48. Query INPUT SELECT

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

■Response (Callback)

COMPUTER1

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

VIDEO

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

S-VIDEO

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

COMPONENT

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

SCART

Hexadecimal	02h	53h	43h	54h	03h
Character		S	C	T	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.49. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.50. Query AV MUTE

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

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.51. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	STANDARD			DYNAMIC			CINEMA		
Hexadecimal	53h	54h	44h	44h	59h	4Eh	43h	49h	4Eh
Character	S	T	D	D	Y	N	C	I	N
	REAL			BLACK BOARD			COLOR BOARD		
Hexadecimal	52h	45h	41h	42h	42h	44h	43h	42h	44h
Character	R	E	A	B	B	D	C	B	D
	IMAGE 1			IMAGE 2			IMAGE 3		
Hexadecimal	49h	4Dh	31h	49h	4Dh	32h	49h	4Dh	33h
Character	I	M	1	I	M	2	I	M	3
	IMAGE 4								
Hexadecimal	49h	4Dh	34h						
Character	I	M	4						

2.52. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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

2.53. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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

2.54. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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

2.55. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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

2.56. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

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

2.57. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	XLOW		LOW	MID	HIGH
Hexadecimal	31h	31h	30h	31h	32h
Character	1	1	0	1	2

2.58. Query PROGRESSIVE

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

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

■Note:

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

2.59. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	OFF	L1	L2
Hexadecimal	30h	31h	32h
Character	0	1	2

2.60. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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.

2.61. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	RGB	YPbPr
Hexadecimal	30h	31h
Character	0	1

2.62. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

	−60			−59			−58		
Hexadecimal	2Dh	36h	30h	2Dh	35h	39h	2Dh	35h	38h
Character	−	6	0	−	5	9	−	5	8
	58			59			60		
Hexadecimal	30h	35h	38h	30h	35h	39h	30h	36h	30h
Character	0	5	8	0	5	9	0	6	0

2.63. 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	16 進数	02h	*1	*3	*5	*7	03h
Character	文字		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	×	○	○

■Parameters (*1,*2,*3,*4,*5,*6,*7,*8)

	0				1			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	319				320			
Hexadecimal	30h	33h	31h	39h	30h	33h	32h	30h
Character	0	3	1	9	0	3	2	0

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.64. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	×	○	○

■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
	36			37			38		
Hexadecimal	30h	33h	36h	30h	33h	37h	30h	33h	38h
Character	0	3	6	0	3	7	0	3	8

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.65. 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	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	×	○	○

■Parameters (*1,*2,*3,*4,*5,*6,*7,*8)

	1190				1189			
Hexadecimal	31h	31h	39h	30h	31h	31h	38h	39h
Character	1	1	9	0	1	1	8	9
	2894				2895			
Hexadecimal	32h	38h	39h	34h	32h	38h	39h	35h
Character	2	8	9	4	2	8	9	5

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.
- The adjustable range of a parameter is changed depending on an input signal

2.66. Query FINE SYNC

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	×	○	○

■Parameters (*1,*2,*3,*4,*5,*6)

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

■Note:

- This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.67. Query SCREEN

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2,*3,*4)

	NORMAL		WIDE		TRUE		FULL		ZOOM	
Hexadecimal	30h	31h	30h	32h	30h	35h	30h	36h	34h	30h
Character	0	1	0	2	0	5	0	6	4	0
	COSTOM									
Hexadecimal	35h	30h								
Character	5	0								

2.68. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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			Hooland		
Hexadecimal	4Dh	41h	47h	54h	48h	41h	4Eh	4Ch	44h
Character	M	A	G	T	H	A	N	L	D
	Finland			Romanian			Turkish		
Hexadecimal	46h	49h	4Eh	52h	55h	4Dh	54h	55h	52h
Character	F	I	N	R	U	M	T	U	R
	Arabic			Kazakhstan			Vietnamese		
Hexadecimal	41h	52h	41h	4Bh	41h	5Ah	56h	49h	45h
Character	A	R	A	K	A	Z	V	I	E

2.69. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	×	○	○

■Parameters (*1,*2)

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

■Note:

- This command is effective only when the system is fixed with “NTSC” and the proper signals (NTSC Video or S-Video signal) are input.

2.70. Query 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

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

2.71. Query AUTO SETUP

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	ON1	ON2
Hexadecimal	30h	31h
Character	0	1

■Note:

- This command is effectice only when the Signal Search selects “ON1” or “ON2”. In other cases, ER401 is returned.

2.72. Query INPUT 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.73. Query BACKGROUND

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

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

2.74. Query DIRECT ON

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.75. Query INSTALLATION

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

■Response (Callback)

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

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

2.76. Query FAN CONTROL

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.77. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2)

	Normal	Eco	High
Hexadecimal	31h	30h	35h
Character	1	0	5

2.78. Query POWER MANAGEMENT

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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■Parameters (*1,*2,*3,*4)

Setting OFF and setting of 1-30 minutes is possible by a unit for 1 minute.

The table below shows an examples of “OFF” , “1 min” and “30min”.

	OFF		1		30	
Hexadecimal	30h	30h	30h	31h	33h	30h
Character	0	0	0	1	3	0

2.79. 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	2Bh
Character		S	T	M	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	○	○	○	○

■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

2.80. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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.

2.81. 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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.82. Query TEMP INFORMATION

Hexadecimal	02h	51h	54h	4Dh	3Ah	*1	03h
Character		Q	T	M	:	*2	

■Parameters (*1,*2)

	Intake temp.	Exhaust temp.	Optical temp.
Hexadecimal	30h	31h	32h
Character	0	1	2

■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 (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.83. Query SERIAL NUMBER

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

■Response (Callback)

Example: 123456789

Hexadecimal	02h	31h	32h	33h	34h	35h	36h	37h	38h	39h	03h
Character		1	2	3	4	5	6	7	8	9	

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

2.84. 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	2Bh
Character		R	T	M	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK)	STANDBY (ECO)	NO SIGNAL	AV MUTE	FREEZE
○	○	×	○	○	○

■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