< Control Commands >

Model No. PT-EZ570/EW630/EW530/EX600/EX500 Series

CONTENTS

Using the Serial Terminal

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)

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

Basic control command (with parameter)

Headder (STX)	Command	Separator (semicolon)	Parameters	End (ETX)
1 byte	3 bytes	1 byte	Undefined length	1 byte

Operation

Specifies method of processing the value specified by parameters.

Code	Description
=	Sets the value specified by parameters.
_(underbar)	Adds the value specified by the parameters to the current value.

Sign

Specifies positive or negative of the value specified by parameters.

Code	Description
+	The value specified by the parameter is a positive value or 0 (zero).
-	The value specified by the parameter is a negative value.

Parameter

Specify the setting or adjustment value by right justification (0 is not suppressed).

For example, when the setting value is ‘’1”, set is as ‘’00001”.

Response (Callback) of the basic control command

In the period when the command can be accepted

Varies according to each command

In the period when the command cannot be accepted or not exists

Hexadecimal	02h	45h	52h	34h h	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:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. They sending any command after that period has elapsed.
- When sending several commands, make 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	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	4Eh	03h
Character		A	D	Z	Z	;	P	O	N	

Response (Callback)

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

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	○	○	×	×	×

Notes:

- 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 (Stand-by)

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

Response (Callback)

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

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

Notes:

- 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.5. FREEZE

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

Parameters (*1,*2)

	Freeze OFFF	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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.6. AUTO PC 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note. Acceptable only PC input

2.7. SHUTTER Key or AV MUTE Key

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

Parameters (*1,*2)

	Shutter off	Shutter on
Hexadecimal	30h	31h
Character	0	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note.

Shutter for EZ570, EX600, EW630

AV Mute for EX500, EW530

2.8. INPUT SELECT

[Standnard Input]

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

Parameters

[Standnard Input] (*1,*2,*3,*4,*5,*6)

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.9. TEST PATTERN

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

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

	OFF		White		Black		Color bar (V)		16-step gray scale(W→B)	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	38h	36h	30h
Character	0	0	0	1	0	2	0	8	6	0

	16-step gray scale (B←W)		16-step gray scale (W↓B)		16-step gray scale (B↑W)		Cross (V16 x H12)	
Hexadecimal	36h	31h	36h	32h	32h	33h	36h	34h
Character	6	1	6	2	6	3	6	4

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.10. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.11. 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.12. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.13. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.14. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.15. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.16. SCREEN key

Hexadecimal	02h	56h	53h	31h	03h
Character		V	S	1	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	31h	03h
Character		V	S	1	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.17. NUMERIC key

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

Parameters (*1,*2)

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	×	×	○	○	○

2.18. INFO. key

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.19. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.20. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.21. PIP key

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	W	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.22. INSTALLATION

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

Parameters (*1,*2)

	Front / Floor	Rear / Floor	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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.23. FAN CONTROL

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

Parameters (*1,*2)

	Off	On 1
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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.24. LAMP POWER

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

Parameters (*1,*2)

	Normal	Auto	Eco1	Eco2
Hexadecimal	30h	32h	33h	34h
Character	0	2	3	4

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.25. PICTURE MODE

[Except Image 10]

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

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			Natural			Image 1		
Hexadecimal	52h	45h	41h	4Eh	41h	54h	49h	4Dh	31h
Character	R	E	A	N	A	T	I	M	1
	Image 2			Imange 3			Image 4		
Hexadecimal	49h	4Dh	32h	49h	4Dh	33h	49h	4Dh	34h
Character	I	M	2	I	M	3	I	M	4
	Image 5			Image 6			Image 7		
Hexadecimal	49h	4Dh	35h	49h	4Dh	36h	49h	4Dh	37h
Character	I	M	5	I	M	6	I	M	7
	Image 8			Image 9					
Hexadecimal	49h	4Dh	38h	49h	4Dh	39h			
Character	I	M	8	I	M	9			

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	

In case of Image 10

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

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

	Image10			
Hexadecimal	49h	4Dh	31h	30h
Character	I	M	1	0

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.26. COLOR

[Absolute assignemnt]

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	

[Relative assignemnt]

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

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

	-9		-8		-1		-0	
Hexadecimal	2Dh	39h	2Dh	38h	2Dh	31h	2Dh	30h
Character	―	9	―	8	―	1	―	0
	+0		+1		+8		+9	
Hexadecimal	2Bh	30h	2Bh	31h	2Bh	38h	2Bh	39h
Character	+	0	+	1	+	8	+	9

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.27. TINT

[Absolute assignemnt]

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	

[Relative assignemnt]

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

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

	-9		-8		-1		-0	
Hexadecimal	2Dh	39h	2Dh	38h	2Dh	31h	2Dh	30h
Character	―	9	―	8	―	1	―	0
	+0		+1		+8		+9	
Hexadecimal	2Bh	30h	2Bh	31h	2Bh	38h	2Bh	39h
Character	+	0	+	1	+	8	+	9

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.28. 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	31h	32h	33h
Character	1	2	3

Response (Callback)

In the period when the command can be accepted

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

[Extra Low assignemnt]

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

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

	Extra Low	
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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.29. OFFSET RED

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.30. OFFSET GREEN

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.31. OFFSET BLUE

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.32. WHITE BALANCE RED

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.33. WHITE BALANCE GREEN

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.34. WHITE BALANCE BLUE

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.35. CONTRAST

[Absolute assignment]

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	

[Relative assignment]

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

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

	-9		-8		-1		-0	
Hexadecimal	2Dh	39h	2Dh	38h	2Dh	31h	2Dh	30h
Character	-	9	-	8	-	1	-	0
	+0		+1		+8		+9	
Hexadecimal	2Bh	30h	2Bh	31h	2Bh	38h	2Bh	39h
Character	+	0	+	1	+8	+9		

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.36. BRIGHTNESS

[Absolute assignment]

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	31h	30h	30h	31h	30h	30h	32h
Character	0	0	1	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	

[Relative assignment]

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

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

	-9		-8		-1		-0	
Hexadecimal	2Dh	39h	2Dh	38h	2Dh	31h	2Dh	30h
Character	−	9	−	8	−	1	−	0
	+0		+1		+8		+9	
Hexadecimal	2Bh	30h	2Bh	31h	2Bh	38h	2Bh	39h
Character	+	0	+	1	+	8	+	9

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE

2.37. GAMMA MODE

Hexadecimal		02h	56h	47h	41h	3Ah	*1	*3	*5	03h
Character			V	G	A	:	*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	47h	41h	3Ah	*1	*3	*5	03h
Character		V	G	A	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.38. SHARPNESS

[Absolute assignment]

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

[Relative assignment]

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

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

	-9		-8		-1		-0	
Hexadecimal	2Dh	39h	2Dh	38h	2Dh	31h	2Dh	30h
Character	−	9	−	8	−	1	−	0
	+0		+1		+8		+9	
Hexadecimal	2Bh	30h	2Bh	31h	2Bh	38h	2Bh	39h
Character	+	0	+	1	+	8	+	9

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.39. NOISE REDUCTION

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.40. PROGRESSIVE

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

Parameters (*1,*2)

	Film	Off	On
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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.41. IRIS

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EZ570, EW630, EX600

Not adaptable for EW530, EX500

2.42. DAY LIGHT VIEW

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h
Character		V	X	X	:	D	L	V	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)

For 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

For 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	2Bh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.43. 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		
Hexadecimal	41h	54h	31h	41h	54h	32h	4Eh	54h	53h
Character	A	T	1	A	T	2	N	T	S
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM					
Hexadecimal	50h	41h	4Eh	53h	45h	43h			
Character	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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.44. SHIFT HORIZONTAL

Hexadecimal		02h	56h	54h	48h	3Ah	*1	*3	*5	*7	03h
Character			V	T	H	:	*2	*4	*6	*8	

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

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Notes:

This sets the horizontal position of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

2.45. SHIFT VERTICAL

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

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

	1				2				3			
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	32h	30h	30h	30h	33h
Character	0	0	0	1	0	0	0	2	0	0	0	3
	4092				4093				4094			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	2	4	0	9	3	4	0	9	4

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note:

This sets the vertical position of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

2.46. ASPECT

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

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

Input: VIDEO

	Normak		Wide	Full	Zoom		Custom	
Hexadecimal	30h		32h	36h	34h	30h	35h	30h
Character	0		2	6	4	0	5	0
	Natural							
Hexadecimal	36h	30h						
Character	6	0						

Input: PC

	Normal		Wide	Real	Full	Zoom	
Hexadecimal	30h		32h	35h	36h	34h	30h
Character	0		2	5	6	4	0
	Custom						
Hexadecimal	35h	30h					
Character	5	0					

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Parameter: Natural

Adaptable for EZ570, EW630, EW530

Not adaptable for EX600, EX500

2.47. TRACKING

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

Note:

This sets the tracking of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

2.48. TOTAL DOS

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

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

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4095				4096			
Hexadecimal	34h	30h	39h	35h	34h	30h	39h	36h
Character	4	0	9	5	4	0	9	6

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

Note:

This sets the total dots of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

2.49. DISPLAY AREA H

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

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

	256				257			
Hexadecimal	30h	32h	35h	36h	30h	32h	35h	37h
Character	0	2	5	6	0	2	5	7
	2065				2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

Note:

This sets the display dots of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

The maximum value is current Total Dots – Position H. With this model, the odd data received is recognized as even databy adding 1 because only even data can be set for Display Area.

2.50. DISPLY AREA V

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

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

	100				101			
Hexadecimal	30h	31h	30h	30h	30h	31h	30h	31h
Character	0	1	0	0	0	1	0	1
	1199				1200			
Hexadecimal	31h	31h	39h	39h	31h	32h	30h	30h
Character	1	1	9	9	1	2	0	0

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
×	×		×	○		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

Note:

This sets the display Line of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

The maximum value is current Total Line – Position V.

2.51. CLAMP POSITION

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

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

	0				1			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
×	×		×	○		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

Notes:

This sets the clamp of computer signal.

The value set with this command cannot be momorized in the projector, therefore, the value will restore when the power is off.

2.52. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EW530, EX500

Not adaptable for EZ570, EW630, EX600

2.53. VERTICAL KEYSTONE

[Absolute assignemnt]

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	―	0	0	0	8	0	―	0	0	0	7	9
	79						80					
Hexadecimal	2Bh	30h	30h	30h	37h	39	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

[Relative assignemnt]

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	*1	3Dh	*3	*5	*7	*9	*11	03h		
Character	*2	=	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+1						+2					
Hexadecimal	2Bh	30h	30h	30h	30h	31h	2Bh	30h	30h	30h	30h	32h
Character	+	0	0	0	0	1	+	0	0	0	0	2
	-1						-2					
Hexadecimal	2Dh	30h	30h	30h	30h	31h	2Dh	30h	30h	30h	30h	32h
Character	―	0	0	0	0	1	―	0	0	0	0	2

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	*1	3Dh	*3	*5	*7	*9	*11	03h		
Character	*2	=	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptabel for EZ570, EW630, EX600.

Not adaptable for EW530, EX500.

2.54. HORIZONTAL KEYSTONE

[Absolute assignemnt]

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character		V	X	X	:	G	M	K	I	5
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	―	0	0	0	8	0	―	0	0	0	7	9
	79						80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal		02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character			V	X	X	:	G	M	K	I	5
Hexadecimal		3Dh	*1	*3	*5	*7	*9	*11	03h		
Character		=	*2	*4	*6	*8	*10	*12			

[Relative assignemnt]

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character		V	X	X	:	G	M	K	I	5
Hexadecimal	*1	3Dh	*3	*5	*7	*9	*11	03h		
Character	*2	=	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+1						+2					
Hexadecimal	2Bh	30h	30h	30h	30h	31h	2Bh	30h	30h	30h	30h	32h
Character	+	0	0	0	0	1	+	0	0	0	0	2
	-1						-2					
Hexadecimal	2Dh	30h	30h	30h	30h	31h	2Dh	30h	30h	30h	30h	32h
Character	ー	0	0	0	0	1	ー	0	0	0	0	2

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character		V	X	X	:	G	M	K	I	5
Hexadecimal	*1	3Dh	*3	*5	*7	*9	*11	03h		
Character	*2	=	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EZ570, EW630, EX600.
Not adaptable for EW530, EX500.

2.55. DISPLAY 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			Germany			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								
Hexadecimal	50h	4Fh	52h						
Character	P	O	R						

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.56. SYSTEM Switching

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

Parameters (*1,*2)

	YP_BP_R / YC_BC_R
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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.57. FRAME DELAY

Hexadecimal	02h	56h	58h	58h	3Ah	46h	44h	59h	49h	30h
Character		V	X	X	:	F	D	Y	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

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

	OFF					LOW / ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	MID					HIGH				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	46h	44h	59h	49h	30h
Character		V	X	X	:	F	D	Y	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EW530, EX500 … 00000[OFF], 00001[ON]

2.58. SCREEN POSITION VERTICAL

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h	30h
Character		V	X	X	:	V	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-15						-14					
Hexadecimal	2Dh	30h	30h	30h	31h	35h	2Dh	30h	30h	30h	31h	34h
Character	－	0	0	0	1	5	－	0	0	0	1	4
	14						15					
Hexadecimal	2Bh	30h	30h	30h	31h	34h	2Bh	30h	30h	30h	31h	35h
Character	+	0	0	0	1	4	+	0	0	0	1	5

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h	30h
Character		V	X	X	:	V	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.59. SCREEN POSITION HORIZONTAL

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	50h	49h	30h
Character		V	X	X	:	H	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-15						-14					
Hexadecimal	2Dh	30h	30h	30h	31h	35h	2Dh	30h	30h	30h	31h	34h
Character	－	0	0	0	1	5	－	0	0	0	1	4
	14						15					
Hexadecimal	2Bh	30h	30h	30h	31h	34h	2Bh	30h	30h	30h	31h	35h
Character	+	0	0	0	1	4	+	0	0	0	1	5

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	50h	49h	30h
Character		V	X	X	:	H	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.60. DVI EDID

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

Parameters (*1,*2)

	EDID1
Hexadecimal	31h
Character	1

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Active only when Input1-RGB(PC digital), Input1-RGB(AV HDCP) are selected.

2.61. DVI SIGNAL LEVEL

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

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

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	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	30h
Character		V	X	X	:	D	V	I	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.62. HDMI

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

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

	0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	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	30h
Character		V	X	X	:	H	S	L	I	0

Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.63. POWER MANAGEMENT

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

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

	Invalid		1min		2min	
Hexadecimal	30h	30h	30h	31h	30h	32h
Character	0	0	0	1	0	2
	28min		29min		30min	
Hexadecimal	32h	38h	32h	39h	33h	30h
Character	2	8	2	9	3	0

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.64. STARTUP 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.65. BACK COLOR

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.66. CLOSED CAPTION

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Active when System is set to NTSC fixed during NTSC of Video,S-video is input.

2.67. STANDBY 1

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.68. STANDBY 2

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	42h	49h
Character		V	X	X	:	A	S	B	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)

	Network				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	Normal				
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	2Bh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Unable to set when Standby mode is set to Eco.

2.69. P IN P

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

Parameters (*1,*2)

	Off	User 1	User 2	User 3	User 4	User 5
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EZ570, EW630, EW530.
Not adaptable for EX500, EX600

2.70. P IN P MAIN WINDOW INPUT

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

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

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptable for EZ570, EW630, EW530
Not adaptable for EX500, EX600
ER402 is returned when impossible combination is set as the parameter refering to set value in sub window.

2.71. P IN P MAIN WINDOW H & V MAGNIFICATION

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

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

	10		20		30		40		50	
Hexadecimal	31h	30h	32h	30h	33h	30h	34h	30h	35h	30h
Character	1	0	2	0	3	0	4	0	5	0
	60		70		80		90		100	
Hexadecimal	36h	30h	37h	30h	38h	30h	39h	30h	31h	30h	30h
Character	6	0	7	0	8	0	9	0	1	0	0

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note
Adaptable for EZ570, EW630, EW530
Not adaptable for EX500, EX600

2.72. P IN P SUB WINDOW 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)

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note
Adaptablr for EZ570, EW630, EW530
Not adaptable for EX500, EX600
ER402 is returned when impossible combination is set as the parameter refering to set value in main window.

2.73. P IN P SUB WINDOW H & V MAGNIFICATION

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

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

	10		20		30		40		50	
Hexadecimal	31h	30h	32h	30h	33h	30h	34h	30h	35h	30h
Character	1	0	2	0	3	0	4	0	5	0
	60		70		80		90		100	
Hexadecimal	36h	30h	37h	30h	38h	30h	39h	30h	31h	30h	30h
Character	6	0	7	0	8	0	9	0	1	0	0

Response (Callback)
In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note
Adaptablr for EZ570, EW630, EW530
Not adaptable for EX500, EX600

2.74. P IN P FRAME LOCK

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

Parameters (*1,*2)

	Main Window	Sub Window
Hexadecimal	30h	31h
Character	0	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptablr for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.75. LENS OPERATION CENTRAL SETTING

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

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

	Central setting				
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	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.76. LENS OPERATION HORIZONTAL SETTING

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

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

	Fine 1 +					Fine 1 -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	Fine 2 +					Fine 2 -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	Coarse +					Coarse -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.77. LENS OPERATION VERTICAL SETTING

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	33h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	3	=	+	*2	*4	*6	*8	*10	

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

	Fine 1 +					Fine 1 -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	Fine 2 +					Fine 2 -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	Coarse +					Coarse -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	33h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	3	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.78. LENS OPERATION FOCUS DIRECTION

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	34h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	4	=	+	*2	*4	*6	*8	*10	

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

	Fine1 +					Fine 1 -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	Fine 2 +					Fine 2 -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	Coarse +					Coarse -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	34h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	4	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.79. LENS OPERATION ZOOM DIRECTION

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	35h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	5	=	+	*2	*4	*6	*8	*10	

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

	Fine 1 +					Fine 1 -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	Fine 2 +					Fine 2 -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	Coarse +					Coarse -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h
Character		V	X	X	:	L	N	S	I
Hexadecimal	35h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	5	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.80. RESET

Hexadecimal	02h	56h	58h	58h	3Ah	52h	53h	54h	49h
Character		V	X	X	:	R	S	T	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)

	Factory default				
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	52h	53h	54h	49h
Character		V	X	X	:	R	S	T	I
Hexadecimal	30h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.81. ECO SETTING

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	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)

	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	2Bh	*1	*3	*5	*7	*9	03h
Character	0	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.82. LINK TO ENVIRONMENTAL BRIGHTNESS

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.83. LINK TO NO SIGNAL

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.84. LINK TO AV MUTE

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note

Adaptablr for EW530, EX500

Not adaptable for EZ570, EW630, EX600

2.85. 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.86. 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

2.87. Query POWER

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

Response (Callback)

In the period when the command can be accepted

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

In case of ON

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	○	○	○	○

2.88. Query FREEZE

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

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	30h	03h
Character		0	

In case of ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.89. Query SHUTTER OR AV MUTE

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

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	30h	03h
Character		0	

In case of ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Note

Shutter for EZ570, EX600, EW630

AV Mute for EX500, EW530

2.90. Query INPUT SELECT

[Standard]

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

Response(Callback)

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

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

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.91. Query TEST PATTERN

Hexadecimal	02h	51h	54h	53h	03h
Character		Q	T	S	

Response (Callback)

In the period when the command can be accepted

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

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

	Release		All White		All Black		Color Bar (Vertical)	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	38h
Character	0	0	0	1	0	2	0	8
	16 steps W→B		16 steps W←B		16 steps W↓B		16 steps W↑B	
Hexadecimal	36h	30h	36h	31h	36h	32h	36h	33h
Character	6	0	6	1	6	2	6	3
	Matrix H16 × V12)							
Hexadecimal	36h	34h						
Character	6	4						

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.92. Query INSTALLATION

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

Response (Callback)

Front / Floor

Hexadecimal	02h	30h	03h
Character		0	

Rear / Floor

Hexadecimal	02h	31h	03h
Character		1	

Front / Ceiling

Hexadecimal	02h	32h	03h
Character		2	

Rear / Ceiling

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.93. Query 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.94. Query FAN CONTROL

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

Response (Callback)

In case of Off

Hexadecimal	02h	30h	03h
Character		0	

In case of On1

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.95. Query USAGE HOURS

Hexadecimal	02h	51h	53h	54h	03h
Character		Q	S	T	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

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

2.96. Query LAMP USAGE HOURS

Hexadecimal	02h	51h	24h	4Ch	3Ah	31h
Character		Q	$	L	:	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

Response time = (Usage hours for Lamp power Normal + Auto) + ((Usage hours for Lamp power Eco1 + Eco2) X 0.75)

	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

2.97. Query POWER CONDITION

Hexadecimal	02h	51h	24h	53h	03h
Character		Q	$	S	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	30h	03h
Character		0	

During Countdown

Hexadecimal	02h	31h	03h
Character		1	

During POWER ON

Hexadecimal	02h	32h	03h
Character		2	

During Cooling

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.98. Query LAMP POWER

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

Response (Callback)

In case of Lamp Normal

Hexadecimal	02h	30h	03h
Character		0	

In case of Lamp Auto

Hexadecimal	02h	32h	03h
Character		2	

In case of Lamp Eco1

Hexadecimal	02h	33h	03h
Character		3	

In case of Lamp Eco2

Hexadecimal	02h	34h	03h
Character		4	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.99. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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			Natural			Image1		
Hexadecimal	52h	45h	41h	4Eh	41h	54h	49h	4Dh	31h
Character	R	E	A	N	A	T	I	M	1
	Image2			Image3			Image4		
Hexadecimal	49h	4Dh	32h	49h	4Dh	33h	49h	4Dh	34h
Character	I	M	2	I	M	3	I	M	4
	Image5			Image6			Image7		
Hexadecimal	49h	4Dh	35h	49h	4Dh	36h	49h	4Dh	37h
Character	I	M	5	I	M	6	I	M	7
	Image8			Image9					
Hexadecimal	49h	4Dh	38h	49h	4Dh	39h			
Character	I	M	8	I	M	9			

[Image 10]

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	Image10			
Hexadecimal	49h	4Dh	31h	30h
Character	I	M	1	0

2.100. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

Note.

When the Input is PC signal, ER401 is returned.

2.101. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

Note.

When the Input is PC・PAL・PAL-M/N・SECAM signal, ER401 is returned.

2.102. Query COLOR TEMPERATURE

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

Response (Callback)

In case of Extra Low

Hexadecimal	02h	31h	31h	03h
Character		1	1	

In case of Low

Hexadecimal	02h	31h	03h
Character		1	

In case of Medium

Hexadecimal	02h	32h	03h
Character		2	

In case of High

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.103. Query OFFSET RED

Hexadecimal	02h	51h	4Fh	52h	03h
Character		Q	O	R	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.104. Query OFFSET GREEN

Hexadecimal	02h	51h	4Fh	47h	03h
Character		Q	O	G	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.105. Query OFFSET BLUE

Hexadecimal	02h	51h	4Fh	42h	03h
Character		Q	O	B	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.106. Query WHITE BALANCE RED

Hexadecimal	02h	51h	48h	52h	03h
Character		Q	H	R	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.107. Query WHITE BALANCE GREEN

Hexadecimal	02h	51h	48h	47h	03h
Character		Q	H	G	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.108. Query WHITE BALANCE BLUE

Hexadecimal	02h	51h	48h	42h	03h
Character		Q	H	B	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.109. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.110. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.111. Query GAMMA

Hexadecimal	02h	51h	47h	41h	03h
Character		Q	G	A	

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.112. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ 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

2.113. Query NOISE REDUCTION

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

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Off	On
Hexadecimal	30h	31h
Character	0	1

2.114. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Film	Off	On
Hexadecimal	30h	31h	32h
Character	0	1	2

2.115. Query IRIS

Hexadecimal	02h	51h	41h	49h	03h
Character		Q	A	I	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Off	On
Hexadecimal	30h	31h
Character	0	1

Note

Adaptable for EZ570, EW630, EX600

Not adaptable for EW530, EX500

2.116. Quary DAY LIGHT 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	2Bh
Character		D	L	V	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

In case of 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

In case of 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

2.117. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

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

2.118. Query HOLIZONTAL POSITION

Hexadecimal	02h	51h	54h	48h	03h
Character		Q	T	H	

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	×	○	○

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

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

Note.

When input is other than RGB(PC analog), ER401 is returned.

2.119. Query VERTICAL POSITION

Hexadecimal	02h	51h	54h	56h	03h
Character		Q	T	V	

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	×	○	○

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

	1				2				3			
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	32h	30h	30h	30h	33h
Character	0	0	0	1	0	0	0	2	0	0	0	3
	4092				4093				4094			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	2	4	0	9	3	4	0	9	4

Note.

When input is other than RGB(PC analog), ER401 is returned.

2.120. Query SCREEN

Hexadecimal	02h	51h	53h	45h	03h
Character		Q	S	E	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

Input: VIDEO

	Normal	Wide	Full	Zoom		Custom	
Hexadecimal	30h	32h	36h	34h	30h	35h	30h
Character	0	2	6	4	0	5	0

	Natural	
Hexadecimal	36h	30h
Character	6	0

・Input: PC

	Normal	Wide	Real	Full	Zoom	
Hexadecimal	30h	32h	35h	36h	34h	30h
Character	0	2	5	6	4	0

	Custom	
Hexadecimal	35h	30h
Character	5	0

Note.

Parameters: Natural

Adaptable for EZ570, EW630, EW530

Not adaptable for EX600, EX500

2.121. Query TRACKING

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	×	○	○

VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	○	○	×	×

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.
When input is other than RGB(PC analog), ER401 is returned.

2.122. Query TOTAL DOTS

Hexadecimal	02h	51h	54h	44h	03h
Character		Q	T	D	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
○	○		×	×		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

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

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4095				4096			
Hexadecimal	34h	30h	39h	35h	34h	30h	39h	36h
Character	4	0	9	5	4	0	9	6

Note.
When input is other than RGB(PC analog), ER401 is returned.

2.123. Query DISPLY AREA H

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
○	○		×	×		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

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

	256				257			
Hexadecimal	30h	32h	35h	36h	30h	32h	35h	37h
Character	0	2	5	6	0	2	5	7
	2065				2066			
Hexadecimal	32h	30h	36h	35h	32h	30h	36h	36h
Character	2	0	6	5	2	0	6	6

Note.
When input is other than RGB(PC analog), ER401 is returned.

2.124. Query DISPLAY AREA V

Hexadecimal	02h	51h	44h	4Ch	03h
Character		Q	D	L	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
○	○		×	×		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	×	×	×	×

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

	100				101			
Hexadecimal	30h	31h	30h	30h	30h	31h	30h	31h
Character	0	1	0	0	0	1	0	1
	1199				1200			
Hexadecimal	31h	31h	39h	39h	31h	32h	30h	30h
Character	1	1	9	9	1	2	0	0

Note.

When input is other than RGB(PC analog), ER401 is returned.

2.125. Query FRAME DELAY

Hexadecimal	02h	51h	56h	58h	3Ah	46h	44h	59h	49h	30h	03h
Character		Q	V	X	:	F	D	Y	I	0	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	44h	59h	49h	30h	3Dh	2Bh
Character		F	D	Y	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	OFF					LOW				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	MID					HIGH				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

2.126. Query CLAMP POSITION

Hexadecimal	02h	51h	4Ch	54h	03h
Character		Q	L	T	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)		STANDBY (ECO)	NO SIGNAL		SHUTTER/ AV Mute	FREEZE
○	○		×	×		○	○
VIDEO	S-VIDEO	RGB1	RGB2	YP_BP_R1	YP_BP_R2	DVI	HDMI
×	×	○	○	○	○	×	×

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

	0				1			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

Note.

When input is other than RGB(PC analog), ER401 is returned.

2.127. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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.

Adaptable for EW530, EX500

Not adaptable for EZ570, EW630, EX600

2.128. Query VIRTICAL KEYSTONE

Hexadecimal	02h	51h	56h	58h	3Ah	47h	4Dh	4Bh	49h	31h	03h
Character		Q	V	X	:	G	M	K	I	1	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	31h	3Dh	*1	*3	*5
Character		G	M	K	I	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	−	0	0	0	8	0	−	0	0	0	7	9
	79						80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

Note.

Adaptable for EZ570, EW630, EX600

Not adaptable for EW530, EX500

2.129. Query HORIZONTAL KEYSTONE

Hexadecimal	02h	51h	56h	58h	3Ah	47h	4Dh	4Bh	49h	35h	03h
Character		Q	V	X	:	G	M	K	I	5	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	35h	3Dh	*1	*3	*5
Character		G	M	K	I	5	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	−	0	0	0	8	0	−	0	0	0	7	9
	79						80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

Note.
Adaptable for EZ570, EW630, EX600
Not adaptable for EW530, EX500

2.130. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	English			Germany			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								
Hexadecimal	50h	4Fh	52h						
Character	P	O	R						

2.131. Query SCREEN POSITION VERTICAL

Hexadecimal	02h	51h	56h	58h	3Ah	56h	53h	50h	49h	30h	03h
Character		Q	V	X	:	V	S	P	I	0	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		V	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-15						-14					
Hexadecimal	2Dh	30h	30h	30h	31h	35h	2Dh	30h	30h	30h	31h	34h
Character	−	0	0	0	1	5	−	0	0	0	1	4
	14						15					
Hexadecimal	2Bh	30h	30h	30h	31h	34h	2Bh	30h	30h	30h	31h	35h
Character	+	0	0	0	1	4	+	0	0	0	1	5

Note.
When Screen mode is other than Custom, ER401 is returned.

2.132. Query SCREEN POSITION HORIZONTAL

Hexadecimal	02h	51h	56h	58h	3Ah	48h	53h	50h	49h	30h	03h
Character		Q	V	X	:	H	S	P	I	0	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		H	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-15						-14					
Hexadecimal	2Dh	30h	30h	30h	31h	35h	2Dh	30h	30h	30h	31h	34h
Character	−	0	0	0	1	5	−	0	0	0	1	4
	14						15					
Hexadecimal	2Bh	30h	30h	30h	31h	34h	2Bh	30h	30h	30h	31h	35h
Character	+	0	0	0	1	4	+	0	0	0	1	5

Note.

When Screen mode is other than Custom, ER401 is returned.

2.133. Query TEMPERATURE

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

Parameters (*1,*2)

	Intake temperature	Duct temperature	Optical temperature
Hexadecimal	30h	31h	32h
Character	0	1	2

Response (Callback)

In case of -20 degree centigrade

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

In case of +120 degreecentigrade

		Temperature centigrade					Temperature Fahrenheit				
Hexadecimal	02h	30h	31h	32h	30h	2Fh	30h	32h	34h	38h	03h
Character		0	1	2	0	/	0	2	4	8	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.134. Query MODEL

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

Response (Callback)

In the period when the command can be accepted

[EZ570]

PT-EZ570

Hexadecimal	02h	45h	5Ah	35h	37h	30h	03h
Character		E	Z	5	7	0	

PT-EZ570U

Hexadecimal	02h	45h	5Ah	35h	37h	30h	55h	03h
Character		E	Z	5	7	0	U	

PT-EZ570E/PT-EZ570EJ

Hexadecimal	02h	45h	5Ah	35h	37h	30h	45h	03h
Character		E	Z	5	7	0	E	

PT-SLZ67C

Hexadecimal	02h	53h	4Ch	5Ah	36h	37h	43h	03h
Character		S	L	Z	6	7	C	

[EW630]

PT-EW630

Hexadecimal	02h	45h	57h	36h	33h	30h	03h
Character		E	W	6	3	0	

PT-EW630U

Hexadecimal	02h	45h	57h	36h	33h	30h	55h	03h
Character		E	W	6	3	0	U	

PT-EW630E/PT-EW630EJ

Hexadecimal	02h	45h	57h	36h	33h	30h	45h	03h
Character		E	W	6	3	0	E	

PT-SLW73C

Hexadecimal	02h	53h	4Ch	57h	37h	33h	43h	03h
Character		S	L	W	7	3	C	

[EW530]

PT-EW530

Hexadecimal	02h	45h	57h	35h	33h	30h	03h
Character		E	W	5	3	0	

PT-EW530U

Hexadecimal	02h	45h	57h	35h	33h	30h	55h	03h
Character		E	W	5	3	0	U	

PT-EW530E/PT-EW530EJ

Hexadecimal	02h	45h	57h	35h	33h	30h	45h	03h
Character		E	W	5	3	0	E	

PT-SLW63C

Hexadecimal	02h	53h	4Ch	57h	36h	33h	43h	03h
Character		S	L	W	6	3	C	

[EX600]

PT-EX600

Hexadecimal	02h	45h	58h	36h	30h	30h	03h
Character		E	X	6	0	0	

PT-EX600U

Hexadecimal	02h	45h	58h	36h	30h	30h	55h	03h
Character		E	X	6	0	0	U	

PT-EX600E/PT-EX600EJ

Hexadecimal	02h	45h	58h	36h	30h	30h	45h	03h
Character		E	X	6	0	0	E	

PT-SLX70C

Hexadecimal	02h	53h	4Ch	58h	37h	30h	43h	03h
Character		S	L	X	7	0	C	

PT-SLX65C

Hexadecimal	02h	53h	4Ch	58h	36h	35h	43h	03h
Character		S	L	X	6	5	C	

[EX500]

PT-EX500

Hexadecimal	02h	45h	58h	35h	30h	30h	03h
Character		E	X	5	0	0	

PT-EX500U

Hexadecimal	02h	45h	58h	35h	30h	30h	55h	03h
Character		E	X	5	0	0	U	

PT-EX500E/ PT-EX500EJ

Hexadecimal	02h	45h	58h	35h	30h	30h	45h	03h
Character		E	X	5	0	0	E	

PT-SLX60C

Hexadecimal	02h	53h	4Ch	58h	36h	30h	43h	03h
Character		S	L	X	6	0	C	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

2.135. Query SYSTEM SETTING

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

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	30h	03h
Character		0	

In case of YP_BP_R/YC_BC_R

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Note.
Active only when the input is RGB, Y,Pb/Cb,Pr/Cr. ER401 is returned for the others.

2.136. Query DVI EDID

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	EDID1(AV HDCP)	EDID2(PC digital)
Hexadecimal	31h	32h
Character	1	2

Note.
Active only when RGB(AV HDCP) or RGB(PC digital) for DVI terminal is selected.

2.137. Query DVI 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	2Bh
Character		D	V	I	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

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

2.138. Query HDMI SETTING

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	2Bh
Character		H	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

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

2.139. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	Invalid		1min		2min	
Hexadecimal	30h	30h	30h	31h	30h	32h
Character	0	0	0	1	0	2
	28min		29min		30min	
Hexadecimal	32h	38h	32h	39h	33h	30h
Character	2	8	2	9	3	0

2.140. 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Off	User	Default
Hexadecimal	30h	31h	32h
Character	0	1	2

2.141. 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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Blue	Black	User
Hexadecimal	30h	31h	32h
Character	0	1	2

2.142. Query SERIAL NUMBER

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

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	~	*15	*17	03h
Character		*2	*4		*16	*18	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4 ～*15,*16,*17,*18)

The set serial number is returned.

Example: Serial number not set

Hexadecimal	02h	03h
Character		

Example: Serial number isset to SW0101234

Hexadecimal	02h	53h	57h	30h	31h	30h	31h	32h	33h	34h	03h
Character		S	W	0	1	0	1	2	3	4	

2.143. Query FILTER INFORMATION

Hexadecimal	02h	51h	46h	49h	3Ah	*1	03h
Character		Q	F	I	:	*2	

Parameters (*1,*2)

	Usage hours	Filter remain ratio
Hexadecimal	30h	36h
Character	0	6

Response (Callback)

In case of usage hour query (QFI:0)

Hexadecimal	02h	*3	*5	*7	*9	*11	03h
Character		*4	*6	*8	*10	*12	

In case of filter remain query (QFI:6)

Hexadecimal	02h	*3	*5	*7	03h
Character		*4	*6	*8	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

In case of usage hour query (QFI:0)

	0					5				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	35h
Character	0	0	0	0	0	0	0	0	0	5
	9000					12000				
Hexadecimal	30h	39h	30h	30h	30h	31h	32h	30h	30h	30h
Character	0	9	0	0	0	1	2	0	0	0

Parameters (*3,*4,*5,*6 ,*7,*8)

In case of filter remain query (QFI:6)

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

2.144. Query CLOSED CAPTION

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／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters(*1,*2)

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

Note.

Active when System is set NTSC fixed and input is NTSC for Video,S-video

2.145. Query STANDBY MODE 1

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	30h	3Dh	2Bh	*1	*3
Character		S	T	M	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	Normal					Eco				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

2.146. Query STANBY MODE 2

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	2Bh
Character		A	S	B	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	Network				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	Normal				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

Note

Data is not returned when Standby mode is set to Eco.

2.147. Query P IN P

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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Off	User1	User2	User3	User4	User5
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

Note.

Adaptable for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.148. Query P IN P MAIM WINDOW INPUT

Hexadeci	02h	51h	49h	4Dh	03h

mal					
Character		Q	I	M	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

Note.

Adaptable for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.149. Query P IN P MAIN WINDOW SIZE

Hexadeci mal	02h	51h	53h	4Dh	3Ah	*1	03h
Character		Q	S	M	:	*2	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

Linked

	Off		On	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

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

Vertical size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

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

Horizontal size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

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

Horizontal & Vertical size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

Note.
Adaptable for EZ570, EW630, EW530
Not adaptable for EX500, EX600

2.150. Query P IN P SUB WINDOW 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

	PC1			PC2			RGB1		
Hexadecimal	50h	43h	31h	50h	43h	32h	52h	47h	31h
Character	P	C	1	P	C	2	R	G	1
	RGB2			VIDEO			INPUT2 VIDEO1		
Hexadecimal	52h	47h	32h	56h	49h	44h	56h	44h	31h
Character	R	G	2	V	I	D	V	D	1
	INPUT3 VIDEO1			DVI			Scart		
Hexadecimal	56h	44h	32h	44h	56h	49h	53h	43h	54h
Character	V	D	2	D	V	I	S	C	T
	HDMI			INPUT2 Y, Pb/Cb, Pr/Cr			INPUT3 Y, Pb/Cb, Pr/Cr		
Hexadecimal	48h	44h	31h	43h	50h	31h	43h	50h	32h
Character	H	D	1	C	P	1	C	P	2
	S-video								
Hexadecimal	53h	56h	44h						
Character	S	V	D						

Note.
Adaptable for EZ570, EW630, EW530
Not adaptable for EX500, EX600

2.151. Query P IN P SUB WINDOW SIZE

Hexadecimal	02h	51h	53h	53h	3Ah	*1	03h
Character		Q	S	S	:	*2	

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

Linked

	Off		On	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

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

Vertical size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

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

Horizontal size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

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

Horizontal & Vertical size

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

Note.

Adaptable for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.152. Query P IN P FRAME LOCK

Hexadecimal	02h	51h	50h	46h	03h
Character		Q	P	F	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2)

	Main window	Sub window
Hexadecimal	30h	31h
Character	0	1

Note.

Adaptable for EZ570, EW630, EW530

Not adaptable for EX500, EX600

2.153. Query ECO SETTING

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	2Bh
Character		E	C	O	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

2.154. Query ENVIRONMENT BRIGHTNESS LINK

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	2Bh
Character		E	C	O	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptablity

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

2.155. Query NO INPUT SIGNAL LINK

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	2Bh
Character		E	C	O	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

2.156. Query AV MUTE LINK

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	2Bh
Character		E	C	O	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptabllity

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

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

Note.

Adaptable for EW530, EX500

Not adaptable for EZ570, EW630, EX600

2.157. 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	*11	*13	*15	03h
Character	*2	*4	*6	*8	*10	*12	*14	*16	

Acceptablity

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1～*16)

Example: In case of 12345678

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

2.158. Query MAIN MICON SOFTWARE VERSION

Hexadecimal	02h	51h	56h	58h	3Ah	53h	56h	52h	53h	30h	03h
Character		Q	V	X	:	S	V	R	S	0	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	30h	3Dh	*1	*3	*5
Character		S	V	R	S	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12. *13, *14, *15, *16)

Example: In case of main micon software versionis 1.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Note.

The software version is returned with variable length.

2.159. Query NETWORK MICON SOFTWARE VERSION

Hexadecimal	02h	51h	56h	58h	3Ah	53h	56h	52h	53h	31h	03h
Character		Q	V	X	:	S	V	R	S	1	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	31h	3Dh	*1	*3	*5
Character		S	V	R	S	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Example: In case of network micon software versionis 1.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Note.

The software version is returned with variable length.

2.160. Query SUB MICON SOFTWARE VERSION

Hexadecimal	02h	51h	56h	58h	3Ah	53h	56h	52h	53h	32h	03h
Character		Q	V	X	:	S	V	R	S	2	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	32h	3Dh	*1	*3	*5
Character		S	V	R	S	2	=	*2	*4	*6

Hexadecimal	*7	*9	*11	*13	*15	03h
Character	*8	*10	*12	*14	*16	

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

Parameters (*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Example: Sub network micon software version is 1.00.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Note.

The software version is returned with variable length.

2.161. Query MAC ADDRESS

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

Response (Callback)

Example: In case of 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 (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
○	○	×	○	○	○

3. Extended Control Command

Start (STX)	ID	Command	Parameters	END (ETX)
1 byte	1 byte	1 byte or 2 byte	Undefined length	1 byte

3.1. Lens Control

Hexadecimal		02h	B1h	7Ch	*2	*3	*4	03h
Remarks		STX	Command		Parameter			ETX

Parameters (*2)

	LENS SHIFT H	LENS SHIFT V	LENS FOCUS	LENS ZOOM
Hexadecimal	00h	01h	02h	03h

Parameters (*3)

	Slowly	Normal	Fast	HOME POSITION*
Hexadecimal	00h	01h	02h	80h

Parameters (*4)

	Right / Up/Comming/ In / Cancel	Left / Down / Forward / Out/ Start
Hexadecimal	00h	01h

Response (Callback)

Hexadecimal	02h	B3h	7Ch	*2	*3	*4	03h
	STX	Callback		Parameters			ETX

Acceptability

SECURITY	STANDBY (NETWORK／NORMAL)	STANDBY (ECO)	NO SIGNAL	SHUTTER/ AV Mute	FREEZE
×	×	×	○	○	○

Note:

- HOEM POSITION is available only when parameters (2*) is LENS SHIFT H (00h) or LENS SHIFT V (01h)
- At the SECURITY or STNDBY mode, projector accepts this command but will not operate actually.

3.2. SELF CHECK Information

Hexadecimal	02h	*1	FEh	03h
Remarks	STX	ID	Command	ETX

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	FEh	*2	*3	*4	*5	*6	*7	*8	*9
	STX	ID		Parameter 1				Parameter 2			
03h											

Acceptability

SECURITY	STNDBY	NO SIGNAL	SHUTTER	FREEZE
○	○	○	○	○

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

	*2								*3								*4							
Bit	63							56	55							48	47							40
	*5								*6								*7							
Bit	39							32	31							24	23							16
	*8								*9															
Bit	15							8	7							0								

Bit	Name	Description	Condition of Clear Bit
Bit2	Lamp1 failure	Lamp1 failuer after turning the Lamp1 on.	Lamp 1 turning on
Bit4	Lamp1 failure	Lamp1 failure when turning the Lamp1 on	Lamp 1 turning on
Bit6	Fan1 error Panel1 Intake Fan	Panel1 Intake Fan stops	Main power on
Bit7	Fan2 error Panel2 Intake Fan	Panel2 Intake Fan stops	Main power on
Bit8	Fan3 error Panel3 Intake Fan	Panel3 Intake Fan stops	Main power on
Bit9	Fan4 error Panel4 Intake Fan	Panel4 Intake Fan stops	Main power on
Bit10	Fan5 error Panel5 Intake Fan	Panel5 Intake Fan stops	Main power on
Bit11	Fan6 error Panel6 Intake Fan	Panel6 Intake Fan stops	Main power on
Bit12	Fan7 error Lamp under intake fan	Lamp under intake fan stops	Main power on
Bit13	Fan8 error PBS intake fan	PBS intake fan stops	Main power on
Bit14	Fan9 error Power intake fan	Power intake fan stops	Main power on
Bit15	Fan10 error Lamp upper intake	Lamp upper intake fan stops	Main power on
Bit24	Ballast1 Communication Error	Ballast1 Communication Error occures	Lamp1 on success
Bit28	Fan1 error exhaust fan	Exhaust fan stops	Main power on
Bit30	Network Communication Error	Network Error occurs	Main power on
Bit31	FPGA Configuration Error	Detects the error status of FPGA configuration	Main power on
Bit33	Lamp Cover Error	Detects the open status of Lamp Cover	Main power on
Bit37	Filter Error	The wind sensor detects abnormal air flow..	Resetting the Filter counter
Bit44	High Temp warning around Lamp	The temperature around Lamp exceeds warning temperature.	Temperature decreases less than warning temp. Power on
Bit45	Intake Temp Warinig	Temperature of Intake air exceeds a warning temperature	Temperature decreases less than warning temp. Power on
Bit46	LCD Panel Temp Warning	Surrounding temperature of LCD Panel exceeds a warning temperature	Temperature decreases less than warning temp. Maon -power on
Bit52	Shutter Error	Shutter does not work to proper position	Main power on Shutter opening operation is normal at the power on
Bit53	Iris Error	Iris does not work properly.	Power off
Bit54	Lamp1 Error	Lamp1 failed turning on Lamp1 failed Communication error occurs on Ballast1	Lamp1 on success

Bit56	Lamp1 Time Error	Lamp1 runtime becomes over specified time	Lamp1 replaced
Bit58	ACF not installed	Auto Cleaning Filter is not installed.	ACF is installed
Bit59	Temp error around Lamp	The temperature around lamp exceeds the warning temperature.	Power on
Bit60	Intake Temp Error	Intake air temperature exceeds a warning temperature	Main power on
Bit61	LCD Temp Error	Surrounding temperature of LCD panel exceeds a warning temperature	Main power on
Bit62	Fan Error	Any of the Fans has an error, see also Bit6 to 11	Main power on
Bit63	Internal Error	FPGA Configreation Error Network Micon communication Error, see Bit 30 to 31	Main power on