

Control Commands

Model No. PT-VX410Z series
PT-VX42Z series
PT-VX415NZ series
PT-VW340Z series
PT-VW345NZ series
PT-VX406EA
PT-VX46EA



LCD Projectors

PT-VW345NZ/VW340Z/VX415NZ/VX410Z/VX42Z*

CONTENTS

Using the Serial Terminals.....	8
1. BASIC FORMAT	8
2. BASIC CONTROL COMMAND	9
2.1. POWER ON (LAMP ON).....	9
2.2. POWER OFF (STANDBY).....	9
2.3. VOLUME (+) Key.....	9
2.4. VOLUME (–) Key.....	9
2.5. INPUT SELECT.....	10
2.6. FREEZE.....	10
2.7. MENU Key.....	10
2.8. RETURN Key.....	10
2.9. ENTER Key.....	11
2.10. UP(↑) Key.....	11
2.11. DOWN (↓) Key	11
2.12. LEFT (←) Key.....	11
2.13. RIGHT (→) Key.....	11
2.14. DEFAULT Key.....	11
2.15. AUTO SETUP.....	12
2.16. AV MUTE	12
2.17. DIGITAL ZOOM ▲ Key	12
2.18. DIGITAL ZOOM ▼ Key	12
2.19. FUNCTION.....	12
2.20. P IN P.....	13
2.21. PAGE UP Key.....	13
2.22. PAGE DOWN Key.....	13
2.23. KEYSTONE – Individual adjustment screen.....	13
2.24. ECO Key.....	13
2.25. NUMERIC Key.....	14
2.26. EASY SETTING Key.....	14
2.27. P–TIMER Key.....	14
2.28. MUTE.....	14
2.29. PICTURE MODE	15
2.30. CONTRAST.....	15
2.31. BRIGHTNESS.....	15
2.32. COLOR.....	16
2.33. TINT	16
2.34. SHARPNESS.....	16
2.35. COLOR TEMPERATURE.....	17
2.36. IRIS	17

2.37.	DAYLIGHT VIEW	17
2.38.	DIGITAL CINEMA REALITY	18
2.39.	NOISE REDUCTION.....	18
2.40.	TV-SYSTEM.....	18
2.41.	RGB/YPbPr.....	18
2.42.	CONTRAST - R.....	19
2.43.	CONTRAST - G.....	19
2.44.	CONTRAST - B.....	19
2.45.	BRIGHTNESS - R.....	19
2.46.	BRIGHTNESS - G.....	20
2.47.	BRIGHTNESS - B.....	20
2.48.	REAL TIME KEYSTONE.....	20
2.49.	KEYSTONE.....	21
2.50.	KEYSTONE - HORIZONTAL	21
2.51.	KEYSTONE - VERTICAL	21
2.52.	KEYSTONE - HORIZONTAL (Relative value).....	22
2.53.	KEYSTONE - VERTICAL (Relative value).....	22
2.54.	CORNER CORRECTION - UPPER LEFT - HORIZONTAL.....	23
2.55.	CORNER CORRECTION - UPPER LEFT - VERTICAL	23
2.56.	CORNER CORRECTION - UPPER RIGHT - HORIZONTAL.....	24
2.57.	CORNER CORRECTION - UPPER RIGHT - VERTICAL.....	24
2.58.	CORNER CORRECTION - LOWER LEFT - HORIZONTAL.....	25
2.59.	CORNER CORRECTION - LOWER LEFT - VERTICAL.....	25
2.60.	CORNER CORRECTION - LOWER RIGHT - HORIZONTAL.....	26
2.61.	CORNER CORRECTION - LOWER RIGHT - VERTICAL.....	26
2.62.	SHIFT - HORIZONTAL.....	27
2.63.	SHIFT - VERTICAL.....	27
2.64.	OVER SCAN.....	27
2.65.	DOT CLOCK.....	28
2.66.	CLOCK PHASE.....	28
2.67.	ASPECT	28
2.68.	FRAME LOCK.....	29
2.69.	LANGUAGE.....	29
2.70.	INPUT GUIDE.....	29
2.71.	OSD POSITION.....	30
2.72.	WARNING MESSAGE.....	30
2.73.	HDMI SIGNAL LEVEL.....	31
2.74.	CLOSED CAPTION SETTING	31
2.75.	SCREEN SETTING	31
2.76.	SCREEN POSITION	32
2.77.	STARTUP LOGO	32
2.78.	AUTO SETUP SETTING	32
2.79.	SIGNAL SEARCH.....	33
2.80.	BACK COLOR.....	33

2.81.	WIDE MODE.....	33
2.82.	SXGA MODE.....	33
2.83.	P-TIMER – MODE.....	34
2.84.	P-TIMER – COUNTDOWN TIMER.....	34
2.85.	P-TIMER – RESET.....	35
2.86.	P-TIMER – EXIT.....	35
2.87.	P IN P – MODE.....	35
2.88.	P IN P – SUBPICTURE SIZE.....	35
2.89.	P IN P – SUBPICTURE POSITION.....	36
2.90.	STATUS.....	36
2.91.	COMPUTER2 SELECT.....	36
2.92.	PROJECTOR ID.....	36
2.93.	INITIAL START UP.....	37
2.94.	PROJECTION METHOD.....	37
2.95.	HIGH ALTITUDE MODE.....	37
2.96.	LAMP POWER.....	37
2.97.	ECO MANAGEMENT – AUTO POWER SAVE.....	38
2.98.	ECO MANAGEMENT – AMBIENT LIGHT DETECTION.....	38
2.99.	ECO MANAGEMENT – SIGNAL DETECTION.....	38
2.100.	ECO MANAGEMENT – AV MUTE DETECTION.....	39
2.101.	ECO MANAGEMENT – POWER MANAGEMENT.....	39
2.102.	ECO MANAGEMENT – POWER MANAGEMENT – TIMER.....	40
2.103.	ECO MANAGEMENT – STANDBY MODE.....	40
2.104.	EMULATE.....	41
2.105.	AUDIO SETTING – VOLUME.....	42
2.106.	AUDIO SETTING – IN STANDBY MODE.....	42
2.107.	AUDIO SETTING – AUDIO IN SELECT.....	42
2.108.	AUDIO SETTING – MIC.....	43
2.109.	AUDIO SETTING – MIC GAIN.....	43
2.110.	EASY SETTING – FOCUS ASSIST.....	44
2.111.	EASY SETTING – SCREEN FIT.....	44
2.112.	EASY SETTING – COLOR BOARD.....	44
2.113.	FILTER COUNTER – TIMER.....	45
2.114.	FILTER COUNTER – RESET.....	45
2.115.	TEST PATTERN 2.....	45
2.116.	WIRELESS LAN.....	46
2.117.	CONNECTION LOCK.....	46
2.118.	FUNCTION – ASSIGN.....	46
2.119.	Query POWER.....	47
2.120.	Query INPUT SELECT.....	47
2.121.	Query FREEZE.....	47
2.122.	Query AUTO SETUP.....	48
2.123.	Query AV MUTE.....	48
2.124.	Query PICTURE MODE.....	48

2.125. Query CONTRAST	49
2.126. Query BRIGHTNESS.....	49
2.127. Query COLOR.....	49
2.128. Query TINT	50
2.129. Query SHARPNESS.....	50
2.130. Query COLOR TEMPERATURE	50
2.131. Query DAYLIGHT VIEW	51
2.132. Query DIGITAL CINEMA REALITY	51
2.133. Query NOISE REDUCTION.....	51
2.134. Query TV-SYSTEM.....	52
2.135. Query RGB/YPbPr.....	52
2.136. Query CONTRAST - R.....	52
2.137. Query CONTRAST - G.....	53
2.138. Query CONTRAST - B.....	53
2.139. Query BRIGHTNESS - R.....	53
2.140. Query BRIGHTNESS - G.....	54
2.141. Query BRIGHTNESS - B.....	54
2.142. Query IRIS.....	54
2.143. Query REALTIME KEYSTONE.....	55
2.144. Query KEYSTONE.....	55
2.145. Query KEYSTONE - HORIZONTAL.....	55
2.146. Query KEYSTONE - VERTICAL.....	56
2.147. Query CORNER CORRECTION - UPPER LEFT - HORIZONTAL.....	56
2.148. Query CORNER CORRECTION - UPPER LEFT - VERTICAL.....	57
2.149. Query CORNER CORRECTION - UPPER RIGHT- HORIZONTAL.....	57
2.150. Query CORNER CORRECTION - UPPER RIGHT- VERTICAL.....	58
2.151. Query CORNER CORRECTION - LOWER LEFT - HORIZONTAL.....	58
2.152. Query CORNER CORRECTION - LOWER LEFT - VERTICAL.....	59
2.153. Query CORNER CORRECTION - LOWER RIGHT - HORIZONTAL.....	59
2.154. Query CORNER CORRECTION - LOWER RIGHT - VERTICAL.....	60
2.155. Query SHIFT - HORIZONTAL.....	60
2.156. Query SHIFT - VERTICAL.....	60
2.157. Query OVER SCAN.....	61
2.158. Query DOT CLOCK.....	61
2.159. Query CLOCK PHASE.....	61
2.160. Query ASPECT.....	62
2.161. Query FRAME LOCK.....	62
2.162. Query LANGUAGE.....	62
2.163. Query INPUT GUIDE.....	63
2.164. Query OSD POSITION.....	63
2.165. Query WARNING MESSAGE.....	63
2.166. Query HDMI SIGNAL LEVEL.....	64
2.167. Query CLOSED CAPTION SETTING.....	64
2.168. Query SCREEN SETTING.....	64

2.169. Query SCREEN POSITION.....	65
2.170. Query STARTUP LOGO.....	65
2.171. Query AUTO SETUP SETTING.....	65
2.172. Query SIGNAL SEARCH.....	66
2.173. Query BACK COLOR.....	66
2.174. Query WIDE MODE.....	66
2.175. Query SXGA MODE.....	66
2.176. Query P-TIMER – MODE.....	67
2.177. Query P-TIMER – COUNTDOWN TIMER.....	67
2.178. Query P IN P – MODE.....	67
2.179. Query P IN P – SUBPICTURE SIZE.....	68
2.180. Query P IN P – SUBPICTURE POSITION.....	68
2.181. Query COMPUTER2 SELECT.....	68
2.182. Query INITIAL START UP.....	69
2.183. Query PROJECTION METHOD.....	69
2.184. Query HIGH ALTITUDE MODE.....	69
2.185. Query LAMP POWER.....	69
2.186. Query ECO MANAGEMENT – AUTO POWER SAVE.....	70
2.187. Query ECO MANAGEMENT – AMBIENT LIGHT DETECTION.....	70
2.188. Query ECO MANAGEMENT – SIGNAL DETECTION.....	70
2.189. Query ECO MANAGEMENT – AV MUTE DETECTION.....	71
2.190. Query ECO MANAGEMENT – POWER MANAGEMENT.....	71
2.191. Query ECO MANAGEMENT – POWER MANAGEMENT – TIMER.....	71
2.192. Query ECO MANAGEMENT – STANDBY MODE.....	72
2.193. Query EMULATE.....	72
2.194. Query AUDIO SETTING – VOLUME.....	73
2.195. Query AUDIO SETTING – MUTE.....	73
2.196. Query AUDIO SETTING – IN STANDBY MODE.....	73
2.197. Query AUDIO SETTING – AUDIO IN SELECT.....	74
2.198. Query AUDIO SETTING – MIC.....	74
2.199. Query AUDIO SETTING – MIC GAIN.....	75
2.200. Query EASY SETTING – FOCUS ASSIST.....	75
2.201. Query EASY SETTING – SCREEN FIT.....	75
2.202. Query EASY SETTING – COLOR BOARD.....	76
2.203. Query FILTER COUNTER.....	76
2.204. Query FILTER COUNTER – TIMER.....	76
2.205. Query WIRELESS LAN.....	77
2.206. Query CONNECTION LOCK.....	77
2.207. Query FUNCTION – ASSIGN.....	78
2.208. Query LAMP RUNTIME.....	78
2.209. Query LAMP CONTROL STATUS.....	78
2.210. Query TEMPERATURE.....	78
2.211. Query SERIAL NUMBER.....	79
2.212. Query MAC ADDRESS.....	79

2.213. Query PROJECTOR RUNTIME.....	79
2.214. Query LAMP UNIT SERIAL MODEL No.....	79
3. APPENDIX TABHLE.....	80
3.1. FNC COMMAND PARAMETERS.....	80

Using the Serial Terminals

1. BASIC FORMAT

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

Basic control command (without parameter)

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

Basic control command (with parameters)

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

Response (Callback) of the basic control command

In the period when the command can be accepted

Differs according to each command

In the period when commands cannot be accepted

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

In case of the parameter error

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

Attention:

- When transmitting multiple commands, be sure to wait until 0.5 seconds has elapsed after receiving the response from the projector before sending the next command.
- 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
 △:Refer to the note

2.1. POWER ON (LAMP ON)

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

■ Response (Callback)

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

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■ Note:

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

2.2. POWER OFF (STANDBY)

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

■ Response (Callback)

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

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■ Note:

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

2.3. VOLUME (+) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	○	×

■ Note:

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

2.4. VOLUME (-) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	○	×

■ Note:

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

2.5. INPUT SELECT

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

■ Parameters(*1,*2,*3,*4,*5,*6)

	COMPUTER1			COMPUTER2		
Hexadecimal Character	52h	47h	31h	52h	47h	32h
	R	G	I	R	G	2
	VIDEO			S-VIDEO		
Hexadecimal Character	56h	49h	44h	53h	56h	44h
	V	I	D	S	V	D
	HDMI			NETWORK/USB		
Hexadecimal Character	48h	44h	31h	4Eh	57h	50h
	H	D	I	N	W	P
	Panasonic APPLICATION			Miracast(TM)		
Hexadecimal Character	50h	41h	31h	4Dh	43h	31h
	P	A	I	M	C	I
	MEMORY VIEWER					
Hexadecimal Character	4D	56h	31h			
	M	V	I			

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

■ Note:

·RG2, NEW, PA1, MC1, MV1 : PT-VX415N, PT-VW345N only

2.6. FREEZE

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

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal Character	30h	31h
	0	1

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.7. MENU Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	x	○	x

2.8. RETURN Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	x	○	○

2.9. ENTER Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.10. UP(↑) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.11. DOWN(↓) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.12. LEFT(←) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.13. RIGHT(→) Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.14. DEFAULT Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.15. AUTO SETUP

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	△	x

■ Note:

·In NO SIGNAL, only when "SIGNAL SEARCH" is "ON", use is available.

2.16. AV MUTE

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.17. DIGITAL ZOOM ▲ Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.18. DIGITAL ZOOM ▼ Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.19. FUNCTION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.20. P IN P

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	I	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Note:

- PT-VW340/VW345N only

2.21. PAGE UP Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.22. PAGE DOWN Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.23. KEYSTONE – Individual adjustment screen

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.24. ECO Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.25. NUMERIC Key

Hexadecimal	02h	4Fh	45h	43h	3Ah	*1	03h
Character		0	N	K	:	*2	

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	43h	3Ah	*1	03h
Character		0	E	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	×

2.26. EASY SETTING Key

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.27. P-TIMER Key

Hexadecimal	02h	50h	54h	4Dh	03h
Character		P	T	M	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	4Dh	03h
Character		P	T	M	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.28. MUTE

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	○	×

2.29. PICTURE MODE

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

■ Parameters(*1,*2,*3,*4,*5,*6)

	DYNAMIC			NATURAL			STANDARD			BLACKBOARD		
Hexadecimal Character	44h	59h	4Eh	4Eh	41h	54h	53h	54h	44h	42h	42h	44h
	D	Y	N	N	A	T	S	T	D	B	B	D
	CINEMA			WHITE BOARD			EASY SETTING					
Hexadecimal Character	43h	49h	4Eh	57h	42h	44h	45h	53h	53h			
	C	I	N	W	B	D	E	S	S			

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Notes:

- NATURAL : Only for the still image signals
- CINEMA : Only for the movie-based signals
- EASY SETTING : When execute the EASY SETTING, [EASY SETTING] is added to the items (PT-VX415N/VW345N only)

2.30. CONTRAST

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.31. BRIGHTNESS

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.32. COLOR

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

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

2.33. TINT

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

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

2.34. SHARPNESS

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

· SHARPNESS will be invalid when [DAYLIGHT VIEW] is set to [AUTO] or [ON].

2.35. COLOR TEMPERATURE

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.36. IRIS

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	I	R	I	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

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

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	I	R	I	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.37. DAYLIGHT VIEW

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

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

FRONT INSTALLATION

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

REAR INSTALLATION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	x	x

2.38. DIGITAL CINEMA REALITY

Hexadecimal	02h	4Fh	50h	44h	3Ah	*1	03h
Character		0	P	D	:	*2	

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	44h	3Ah	*1	03h
Character		0	P	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

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

2.39. NOISE REDUCTION

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

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

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

2.40. TV-SYSTEM

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

■ Parameters(*1,*2,*3,*4,*5,*6)

	AUTO			NTSC			NTSC4.43			PAL		
Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
Character	A	U	T	N	T	S	N	4	4	P	A	L
	PAL-M			PAL-N			PAL60			SECAM		
Hexadecimal	50h	41h	4Dh	50h	41h	4Eh	50h	36h	30h	53h	45h	43h
Character	P	A	M	P	A	N	P	6	0	S	E	C

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Note:

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

2.41. RGB/YPbPr

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		0	R	F	:	*2	

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		0	R	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	x	x

2.42. CONTRAST - R

Hexadecimal Character	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
		V	C	1	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
		V	C	1	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.43. CONTRAST - G

Hexadecimal Character	02h	56h	57h	47h	3Ah	*1	*3	*5	*7	03h
		V	C	2	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	57h	47h	3Ah	*1	*3	*5	*7	03h
		V	C	2	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.44. CONTRAST - B

Hexadecimal Character	02h	56h	57h	42h	3Ah	*1	*3	*5	*7	03h
		V	C	3	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	57h	42h	3Ah	*1	*3	*5	*7	03h
		V	C	3	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.45. BRIGHTNESS - R

Hexadecimal Character	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
		V	B	1	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
Character		V	B	1	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.46. BRIGHTNESS - G

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
Character		V	B	2	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
Character		V	B	2	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.47. BRIGHTNESS - B

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
Character		V	B	3	:	*2	*4	*6	*8	

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	*7	03h
Character		V	B	3	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.48. REALTIME KEYSTONE

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

·PT-VX410/VX42/VW340 onry

2.49. KEYSTONE

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	×

■ Note:

·PT-VX42 only

2.50. KEYSTONE - HORIZONTAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	K	I
Hexadecimal Character	35h	3Dh	*1	*3	*5	*7	*9	*11	03h
	5	=	*2	*4	*6	*8	*10	*12	

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

	-60					
Hexadecimal Character	2Dh	30h	30h	30h	36h	30h
	-	0	0	0	6	0
	-59					
Hexadecimal Character	2Dh	30h	30h	30h	35h	39h
	-	0	0	0	5	9
	59					
Hexadecimal Character	2Bh	30h	30h	30h	35h	39h
	+	0	0	0	5	9
	60					
Hexadecimal Character	2Bh	30h	30h	30h	3h	30h
	+	0	0	0	6	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	K	I
Hexadecimal Character	35h	3Dh	*1	*3	*5	*7	*9	*11	03h
	5	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	×

■ Note:

·PT-VX410/VX415N/VW340/VW345N only

2.51. KEYSTONE - VERTICAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	K	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	1	=	*2	*4	*6	*8	*10	*12	

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

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	K	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	I	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

·PT-VX410/VX415N/VW340/VW345N only

2.52. KEYSTONE – HORIZONTAL (Relative value)

Hexadecimal Character	02h	56h	58h	58h	3Ah	4Bh	53h	48h	49h
		V	X	X	:	K	S	H	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	I	=	*2	*4	*6	*8	*10	*12	

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

	-120					
Hexadecimal Character	2Dh	30h	30h	31h	32h	30h
	-	0	0	1	2	0
	-119					
Hexadecimal Character	2Dh	30h	30h	31h	31h	39h
	-	0	0	1	1	9
	+119					
Hexadecimal Character	2Bh	30h	30h	31h	31h	39h
	+	0	0	1	1	9
	+120					
Hexadecimal Character	2Bh	30h	30h	31h	32h	30h
	+	0	0	1	2	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	K	S	H	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	I	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

·PT-VX410/VX415N/VW340/VW345N only

2.53. KEYSTONE – VERTICAL (Relative value)

Hexadecimal Character	02h	56h	58h	58h	3Ah	4Bh	53h	56h	49h
		V	X	X	:	K	S	V	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	I	=	*2	*4	*6	*8	*10	*12	

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

	-160					
Hexadecimal Character	2Dh	30h	30h	31h	36h	30h
	-	0	0	1	6	0
	-159					
Hexadecimal Character	2Dh	30h	30h	31h	35h	39h
	-	0	0	1	5	9
	+159					
Hexadecimal Character	2Bh	30h	30h	31h	35h	39h
	+	0	0	1	5	9
	+160					
Hexadecimal Character	2Bh	30h	30h	31h	36h	30h
	+	0	0	1	6	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	K	S	V	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	I	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

·PT-VX410/VX415N/VW340/VW345N only

2.54. CORNER CORRECTION – UPPER LEFT – HORIZONTAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	36h	3Dh	*1	*3	*5	*7	*9	*11	03h
	6	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
1						
Hexadecimal Character	2Bh	30h	30h	30h	30h	31
	+	0	0	0	0	1
1278						
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
1279						
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	36h	3Dh	*1	*3	*5	*7	*9	*11	03h
	6	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.55. CORNER CORRECTION – UPPER LEFT – VERTICAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	1	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
1						
Hexadecimal Character	2Bh	30h	30h	30h	30h	31
	+	0	0	0	0	1
798						
Hexadecimal Character	2Bh	30h	30h	37h	39h	38h
	+	0	0	7	9	8
799						
Hexadecimal Character	2Bh	30h	30h	37h	39h	39h
	+	0	0	7	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	31h	3Dh	*1	*3	*5	*7	*9	*11	03h
	1	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.56. CORNER CORRECTION – UPPER RIGHT – HORIZONTAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	37h	3Dh	*1	*3	*5	*7	*9	*11	03h
	7	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
-1						
Hexadecimal Character	2Dh	30h	30h	30h	30h	31
	-	0	0	0	0	1
-1278						
Hexadecimal Character	2Dh	30h	31h	32h	37h	38h
	-	0	1	2	7	8
-1279						
Hexadecimal Character	2Dh	30h	31h	32h	37h	39h
	-	0	1	2	7	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	37h	3Dh	*1	*3	*5	*7	*9	*11	03h
	7	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.57. CORNER CORRECTION – UPPER RIGHT – VERTICAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	32h	3Dh	*1	*3	*5	*7	*9	*11	03h
	2	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
1						
Hexadecimal Character	2Bh	30h	30h	30h	30h	31
	+	0	0	0	0	1
798						
Hexadecimal Character	2Bh	30h	30h	37h	39h	38h
	+	0	0	7	9	8
799						
Hexadecimal Character	2Bh	30h	30h	37h	39h	39h
	+	0	0	7	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	32h	3Dh	*1	*3	*5	*7	*9	*11	03h
	2	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.58. CORNER CORRECTION – LOWER LEFT – HORIZONTAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	38h	3Dh	*1	*3	*5	*7	*9	*11	03h
	8	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
1						
Hexadecimal Character	2Bh	30h	30h	30h	30h	31
	+	0	0	0	0	1
1278						
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
1279						
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	38h	3Dh	*1	*3	*5	*7	*9	*11	03h
	8	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.59. CORNER CORRECTION – LOWER LEFT – VERTICAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	33h	3Dh	*1	*3	*5	*7	*9	*11	03h
	3	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
-1						
Hexadecimal Character	2Dh	30h	30h	30h	30h	31
	-	0	0	0	0	1
-798						
Hexadecimal Character	2Dh	30h	30h	37h	39h	38h
	-	0	0	7	9	8
-799						
Hexadecimal Character	2Dh	30h	30h	37h	39h	39h
	-	0	0	7	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	33h	3Dh	*1	*3	*5	*7	*9	*11	03h
	3	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.60. CORNER CORRECTION – LOWER RIGHT – HORIZONTAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	39h	3Dh	*1	*3	*5	*7	*9	*11	03h
	9	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
-1						
Hexadecimal Character	2Dh	30h	30h	30h	30h	31
	-	0	0	0	0	1
-1278						
Hexadecimal Character	2Dh	30h	31h	32h	37h	38h
	-	0	1	2	7	8
-1279						
Hexadecimal Character	2Dh	30h	31h	32h	37h	39h
	-	0	1	2	7	9

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	39h	3Dh	*1	*3	*5	*7	*9	*11	03h
	9	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.61. CORNER CORRECTION – LOWER RIGHT – VERTICAL

Hexadecimal Character	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	34h	3Dh	*1	*3	*5	*7	*9	*11	03h
	4	=	*2	*4	*6	*8	*10	*12	

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

0						
Hexadecimal Character	2Bh	30h	30h	30h	30h	30h
	+	0	0	0	0	0
-1						
Hexadecimal Character	2Dh	30h	30h	30h	30h	31
	-	0	0	0	0	1
-798						
Hexadecimal Character	2Dh	30h	30h	37h	39h	38h
	-	0	0	7	9	8
-799						
Hexadecimal Character	2Dh	30h	30h	37h	39h	39h
	-	0	0	7	9	9

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	49h	52h	49h	49h
		V	X	X	:	G	M	F	I
Hexadecimal Character	34h	3Dh	*1	*3	*5	*7	*9	*11	03h
	4	=	*2	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

Notes:

- PT-VX410/VX415N/VW340/VW345N only
- Adjustment range varies depending on the setting values of each of the corner correction.

2.62. SHIFT - HORIZONTAL

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

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

· Acceptable only computer input, other inputs return the ER401.

2.63. SHIFT - VERTICAL

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

· Acceptable only computer input, other inputs return the ER401.

2.64. OVER SCAN

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

· It is unavailable for still image-based computer (RGB) signals, HDMI signals.

2.65. DOT CLOCK

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

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

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

Note:

·Feasible by a still image signal of computer1 input or computer2 input, other inputs return the ER401.

2.66. CLOCK PHASE

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

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

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

Note:

·Feasible by a still image signal of computer1 input or computer2 input, other inputs return the ER401.

2.67. ASPECT

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

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

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.68. FRAME LOCK

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

Parameters(*1,*2)

	OFF	ON
Hexadecimal Character	30h	31h
	0	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.69. LANGUAGE

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

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

	English			German			French		
Hexadecimal Character	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal Character	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh
	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal Character	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
	C	H	I	R	U	S	K	O	R
	Portuguese			Swedish			Norwegian		
Hexadecimal Character	50h	4Fh	52h	53h	56h	45h	4Eh	4Fh	52h
	P	O	R	S	V	E	N	O	R
	Danish			Polish			Czech		
Hexadecimal Character	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h
	D	A	N	P	O	L	C	E	S
	Hungarian			Thai			Dutch		
Hexadecimal Character	4Dh	41h	43h	45h	53h	41h	4Eh	4Ch	44h
	M	A	C	E	S	A	N	L	D
	Finnish			Romanian			Turkish		
Hexadecimal Character	46h	49h	4Eh	52h	55h	4Dh	54h	55h	52h
	F	I	N	R	U	M	T	U	R
	Arabic			Kazakh			Vietnamese		
Hexadecimal Character	41h	52h	41h	4Bh	41h	5Ah	56h	49h	45h
	A	R	A	K	A	Z	V	I	E

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.70. INPUT GUIDE

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

Parameters(*1,*2)

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.71. OSD POSITION

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

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

UPPER LEFT					
Hexadecimal Character	30h	30h	30h	30h	31h
Character	0	0	0	0	1
LOWER LEFT					
Hexadecimal Character	30h	30h	30h	30h	33h
Character	0	0	0	0	3
CENTER					
Hexadecimal Character	30h	30h	30h	30h	35h
Character	0	0	0	0	5
UPPER RIGHT					
Hexadecimal Character	30h	30h	30h	30h	37h
Character	0	0	0	0	7
LOWER RIGHT					
Hexadecimal Character	30h	30h	30h	30h	39h
Character	0	0	0	0	9

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.72. WARNING MESSAGE

Hexadecimal Character	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h
Character		V	X	X	:	W	M	D	I
Hexadecimal Character	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 Character	30h	30h	30h	30h	30h
Character	0	0	0	0	0
ON					
Hexadecimal Character	30h	30h	30h	30h	31h
Character	0	0	0	0	1

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.73. HDMI SIGNAL LEVEL

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

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

	0-1023				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	64-940				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	AUTO				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	2

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	○

2.74. CLOSED CAPTION SETTING

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

■ Note:

·Only for NTSC or 480i YPBPR input.

2.75. SCREEN SETTING

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Note:

·Only for PT-VW340/VW345NZ.

2.76. SCREEN POSITION

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

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Note:

·Only for PT-VW340/VW345NZ.

2.77. STARTUP LOGO

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.78. AUTO SETUP SETTING

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

■ Parameters(*1,*2)

	AUTO	BUTTON
Hexadecimal Character	31h	32h
	1	2

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.79. SIGNAL SEARCH

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

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.80. BACK COLOR

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

2.81. WIDE MODE

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.82. SXGA MODE

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

■ Parameters(*1,*2)

	SXGA	SXGA+
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	x	x

2.83. P-TIMER – MODE

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
		V	X	X	:	P	T	M	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

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

COUNT DOWN				
Hexadecimal Character	30h	30h	30h	30h
	0	0	0	0
COUNT UP				
Hexadecimal Character	30h	30h	30h	31h
	0	0	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
		V	X	X	:	P	T	M	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

2.84. P-TIMER – COUNTDOWN TIMER

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
		V	X	X	:	P	T	M	I
Hexadecimal Character	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	2	=	+	*2	*4	*6	*8	*10	

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

1				
Hexadecimal Character	30h	30h	30h	30h
	0	0	0	1
2				
Hexadecimal Character	30h	30h	30h	32h
	0	0	0	2
179				
Hexadecimal Character	30h	30h	31h	37h
	0	0	1	7
180				
Hexadecimal Character	30h	30h	31h	38h
	0	0	1	8

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
		V	X	X	:	P	T	M	I
Hexadecimal Character	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	×

■ Note:

- Only for COUNTDOWN mode.

2.85. P-TIMER – RESET

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
Character		V	X	X	:	P	T	M	I
Hexadecimal Character	33h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
Character	3	=	+	0	0	0	0	0	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
Character		V	X	X	:	P	T	M	I
Hexadecimal Character	33h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
Character	3	=	+	0	0	0	0	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.86. P-TIMER – EXIT

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
Character		V	X	X	:	P	T	M	I
Hexadecimal Character	34h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
Character	4	=	+	0	0	0	0	0	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	50h	54h	4Dh	49h
Character		V	X	X	:	P	T	M	I
Hexadecimal Character	34h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
Character	4	=	+	0	0	0	0	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.87. P IN P – MODE

Hexadecimal Character	02h	4Fh	50h	50h	3Ah	*1	03h
Character		0	P	P	:	*2	

■ Parameters(*1,*2)

	OFF	SIDE BY SIDE	P IN P
Hexadecimal Character	30h	31h	32h
Character	0	1	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	4Fh	50h	50h	3Ah	*1	03h
Character		0	P	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.88. P IN P – SUBPICTURE SIZE

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

■ Parameters(*1,*2,*3,*4,*5,*6,)

	SMALL			MIDDLE			LARGE		
Hexadecimal Character	30h	33h	30h	30h	34h	30h	30h	35h	30h
Character	0	3	0	0	4	0	0	5	0

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.89. P IN P – SUBPICTURE POSITION

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

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

UPPER LEFT					
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	1
LOWER LEFT					
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	3
UPPER RIGHT					
Hexadecimal Character	30h	30h	30h	30h	37h
	0	0	0	0	7
LOWER RIGHT					
Hexadecimal Character	30h	30h	30h	30h	39h
	0	0	0	0	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	53h	50h	50h	49h
		V	X	X	:	S	P	P	I
Hexadecimal Character	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.90. STATUS

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

2.91. COMPUTER2 SELECT

Hexadecimal Character	02h	4Fh	52h	49h	3Ah	*1	*3	*5	03h
		O	R	I	:	*2	*4	*6	

■ Parameters(*1,*2,*3,*4,*5,*6,)

COMPUTER2 IN			COMPUTER1 OUT			
Hexadecimal Character	32h	49h	4Eh	32h	4Fh	55h
	2	I	N	2	O	U

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	4Fh	52h	49h	3Ah	*1	*3	*5	03h
		O	R	I	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.92. PROJECTOR ID

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.93. INITIAL START UP

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.94. PROJECTION METHOD

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

■ Parameters(*1,*2)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

2.95. HIGH ALTITUDE MODE

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

■ Parameters(*1,*2)

	OFF	HIGH1	HIGH2
Hexadecimal	30h	32h	33h
Character	0	2	3

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.96. LAMP POWER

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

■ Parameters(*1,*2)

	NORMAL	ECO1	ECO2
Hexadecimal	31h	33h	34h
Character	1	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	NO SIGNAL	AV MUTE
x	○	○	○

2.97. ECO MANAGEMENT – AUTO POWER SAVE

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

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.98. ECO MANAGEMENT – AMBIENT LIGHT DETECTION

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

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.99. ECO MANAGEMENT – SIGNAL DETECTION

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

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.100. ECO MANAGEMENT – AV MUTE DETECTION

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal Character	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 Character	30h	30h	30h	30h	30h
Character	0	0	0	0	0
ON					
Hexadecimal Character	30h	30h	30h	30h	31h
Character	0	0	0	0	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.101. ECO MANAGEMENT – POWER MANAGEMENT

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

OFF					
Hexadecimal Character	30h	30h	30h	30h	30h
Character	0	0	0	0	0
READY					
Hexadecimal Character	30h	30h	30h	30h	31h
Character	0	0	0	0	1
SHUT DOWN					
Hexadecimal Character	30h	30h	30h	30h	32h
Character	0	0	0	0	2

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
Character		V	X	X	:	E	C	O	I
Hexadecimal Character	35h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	5	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.102. ECO MANAGEMENT – POWER MANAGEMENT – TIMER

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
		V	X	X	:	E	C	O	I
Hexadecimal Character	35h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	6	=	+	*2	*4	*6	*8	*10	

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

	5				
Hexadecimal Character	30h	30h	30h	30h	35h
	0	0	0	0	5
	10				
Hexadecimal Character	30h	30h	30h	31h	30h
	0	0	0	1	0
	115				
Hexadecimal Character	30h	30h	31h	31h	35h
	0	0	1	1	5
	120				
Hexadecimal Character	30h	30h	31h	32h	30h
	0	0	1	2	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h
		V	X	X	:	E	C	O	I
Hexadecimal Character	36h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	6	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.103. ECO MANAGEMENT – STANDBY MODE

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

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

	NORMAL				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	NETWORK				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	ECO				
Hexadecimal Character	30h	30h	30h	30h	33h
	0	0	0	0	3

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.104. EMULATE

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	4Dh	55h	49h
Character		V	X	X	:	E	M	U	I
Hexadecimal Character	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)

DEFAULT				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
D3500				
Hexadecimal Character	30h	30h	30h	32h
Character	0	0	0	2
D4000				
Hexadecimal Character	30h	30h	30h	33h
Character	0	0	0	3
D/W5k SERIES				
Hexadecimal Character	30h	30h	30h	34h
Character	0	0	0	4
D/W/Z6k SERIES				
Hexadecimal Character	30h	30h	30h	35h
Character	0	0	0	5
L730				
Hexadecimal Character	30h	30h	30h	36h
Character	0	0	0	6
L780				
Hexadecimal Character	30h	30h	30h	37h
Character	0	0	0	7
L735				
Hexadecimal Character	30h	30h	30h	38h
Character	0	0	0	8
L785				
Hexadecimal Character	30h	30h	30h	39h
Character	0	0	0	9
LB/W SERIES				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
F/W SERIES				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
LZ370				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
VX500SERIES				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
EZ570 SERIES				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1
VW431D SERIES				
Hexadecimal Character	30h	30h	30h	31h
Character	0	0	0	1

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	○

2.105. AUDIO SETTING – VOLUME

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

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	△	×	×

■ Note:

·Only when "IN STANDBY MODE" is "ON", in STANDBY mode.

2.106. AUDIO SETTING – IN STANDBY MODE

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

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	○	○	○

2.107. AUDIO SETTING – AUDIO IN SELECT

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

■ Parameters(*1,*2)

	COMPUTER1		COMPUTER2		HDMI	
Hexadecimal Character	30h		31h		33h	
	0		1		3	
	VIDEO		S-VIDEO		NETWORK/USB	
Hexadecimal Character	34h		35h		36h	
	4		5		6	

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

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Notes:

- Only HDMI input, can select "HDMI AUDIO IN".
- Only NETWORK input, can select "NETWORK AUDIO IN".

2.108. AUDIO SETTING – MIC

Hexadecimal	02h	56h	58h	58h	3Ah	4Dh	49h	43h	49h
Character		V	X	X	:	M	I	C	I
Hexadecimal	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
Character	I	=	+	*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	I

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

- Only when "IN STANDBY MODE" is "ON", in STANDBY mode.

2.109. AUDIO SETTING – MIC GAIN

Hexadecimal	02h	56h	58h	58h	3Ah	4Dh	49h	43h	49h
Character		V	X	X	:	M	I	C	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)

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	x

■ Note:

- Only when "IN STANDBY MODE" is "ON", in STANDBY mode.

2.110. EASY SETTING – FOCUS ASSIST

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

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

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.111. EASY SETTING – SCREEN FIT

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	2	=	+	*2	*4	*6	*8	*10	

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	FULL				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	ORIGINAL				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	32h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	2	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.112. EASY SETTING – COLOR BOARD

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	33h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	3	=	+	*2	*4	*6	*8	*10	

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

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	45h	53h	53h	49h
		V	X	X	:	E	S	S	I
Hexadecimal Character	33h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	3	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	○	○

2.113. FILTER COUNTER – TIMER

Hexadecimal Character	02h	56h	58h	58h	3Ah	46h	43h	54h	49h
		V	X	X	:	F	C	T	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	1000H				
Hexadecimal Character	30h	31h	30h	30h	30h
	0	1	0	0	0
	2000H				
Hexadecimal Character	30h	32h	30h	30h	30h
	0	2	0	0	0
	3000H				
Hexadecimal Character	30h	33h	30h	30h	30h
	0	3	0	0	0
	4000H				
Hexadecimal Character	30h	34h	30h	30h	30h
	0	4	0	0	0
	5000H				
Hexadecimal Character	30h	35h	30h	30h	30h
	0	5	0	0	0
	6000H				
Hexadecimal Character	30h	36h	30h	30h	30h
	0	6	0	0	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	46h	43h	54h	49h
		V	X	X	:	F	C	T	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.114. FILTER COUNTER – RESET

Hexadecimal Character	02h	56h	58h	58h	3Ah	46h	43h	54h	49h
		V	X	X	:	F	C	T	I
Hexadecimal Character	32h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
	2	=	+	0	0	0	0	0	

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	46h	43h	54h	49h
		V	X	X	:	F	C	T	I
Hexadecimal Character	32h	3Dh	2Bh	30h	30h	30h	30h	30h	03h
	2	=	+	0	0	0	0	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.115. TEST PATTERN 2

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

Parameters(*1,*2)

	ALL WHITE	COLOR BARS	WHITE CROSS ON BLACK	BLACK CROSS ON WHITE	CROSS HATCH	CONVERGENCE
Hexadecimal Character	30h	31h	32h	33h	34h	39h
	0	1	2	3	4	9

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.116. WIRELESS LAN

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

■ Parameters(*1,*2,*3,*4,*5,*6,)

	OFF			USER1			USER2		
Hexadecimal Character	30h	30h	30h	30h	30h	35h	30h	30h	36h
	0	0	0	0	0	5	0	0	6
	USER3			S-DIRECT			M-DIRECT		
Hexadecimal Character	30h	30h	37h	30h	31h	31h	30h	31h	32h
	0	0	7	0	1	1	0	1	2

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	x	○	x

■ Note:

·Only for PT-VX415N/VW345N

2.117. CONNECTION LOCK

Hexadecimal Character	02h	56h	58h	58h	3Ah	43h	4Fh	4Ch	49h
		V	X	X	:	C	0	L	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	Panasonic APPLICATION				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	Miracast(TM)				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2
	MEMORY VIEWER				
Hexadecimal Character	30h	30h	30h	30h	33h
	0	0	0	0	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	56h	58h	58h	3Ah	43h	4Fh	4Ch	49h
		V	X	X	:	C	0	L	I
Hexadecimal Character	31h	3Dh	2Bh	*1	*3	*5	*7	*9	03h
	1	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

■ Note:

·Only for PT-VX415N/VW345N

2.118. FUNCTION – ASSIGN

Hexadecimal Character	02h	4Fh	46h	43h	3Ah	*1	*3	*5	*7
		0	F	C	:	*2	*4	*6	*8
Hexadecimal Character	*9	03h							
	*10								

■ Parameters(*1,*2,*3,*4,*5,*6)

	Parameters	
Hexadecimal Character	Refer to “3.1 FNC COMMAND PARAMETERS” of the appendix.	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	4Fh	46h	43h	3Ah	*1	*3	*5	*7
		0	F	C	:	*2	*4	*6	*8
Hexadecimal Character	*9	03h							
	*10								

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
x	○	○	○

2.119. Query POWER

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

■ Response (Callback)

OFF

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

ON

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.120. Query INPUT SELECT

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

■ Response (Callback)

COMPUTER1

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

COMPUTER2

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

VIDEO

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

S-VIDEO

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

HDMI

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

NETWORK

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

Panasonic APPLICATION

Hexadecimal	02h	50h	41h	31h	03h
Character		P	A	1	

Miracast(TM)

Hexadecimal	02h	4Dh	43h	31h	03h
Character		M	C	1	

MEMORY VIEWER

Hexadecimal	02h	4Dh	56h	31h	03h
Character		M	V	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Note:

·RG2, NEW, PA1, MC1, MV1 : PT-VX415N, PT-VW345N only

2.121. Query FREEZE

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

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	×	<input type="radio"/>	<input type="radio"/>

2.122. Query AUTO SETUP

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

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.123. Query AV MUTE

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

■ Response (Callback)

OFF

Hexadecimal	02h	31h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.124. Query PICTURE MODE

Hexadecimal	02h	51h	50h	4Dh	03h
Character		Q	P	M	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

	DYNAMIC			NATURAL			STANDARD			BLACKBOARD		
Hexadecimal	44h	59h	4Eh	4Eh	41h	54h	53h	54h	44h	42h	42h	44h
Character	D	Y	N	N	A	I	S	T	D	B	B	D
	CINEMA			WHITE BOARD			EASY SETTING					
Hexadecimal	43h	49h	4Eh	57h	42h	44h	45h	53h	53h			
Character	C	I	N	W	B	D	E	S	S			

■ Notes:

- NATURAL : Only for the still image signals
- CINEMA : Only for the movie-based signals
- EASY SETTING : Only for PT-VX415N/VW345N

2.125. Query CONTRAST

Hexadecimal	02h	51h	56h	52h	03h
Character		Q	V	R	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.126. Query BRIGHTNESS

Hexadecimal	02h	51h	56h	42h	03h
Character		Q	V	B	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.127. Query COLOR

Hexadecimal	02h	51h	56h	43h	03h
Character		Q	V	C	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Note:

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

2.128. Query TINT

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Note:

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

2.129. Query SHARPNESS

Hexadecimal	02h	51h	56h	53h	03h
Character		Q	V	S	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

	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			015		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

2.130. Query COLOR TEMPERATURE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2)

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

2.131. Query DAYLIGHT VIEW

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

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

FRONT INSTALLATION

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

REAR INSTALLATION

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

2.132. Query DIGITAL CINEMA REALITY

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	*1	03h
		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal Character	30h	31h
	0	1

■ Note:

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

2.133. Query NOISE REDUCTION

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	*1	03h
		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal Character	30h	31h
	0	1

■ Note:

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

2.134. Query TV-SYSTEM

Hexadecimal	02h	51h	53h	47h	03h
Character		Q	S	G	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■ Parameters(*1,*2,*3,*4,*5,*6)

	AUTO			NTSC			NTSC4.43			PAL		
Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
Character	A	U	T	N	T	S	N	4	4	P	A	L
	PAL-M			PAL-N			PAL60			SECAM		
Hexadecimal	50h	41h	4Dh	50h	41h	4Eh	50h	36h	30h	53h	45h	43h
Character	P	A	M	P	A	N	P	6	0	S	E	C

■ Note:

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

2.135. Query RGB/YPbPr

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2)

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

2.136. Query CONTRAST - R

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.137. Query CONTRAST - G

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.138. Query CONTRAST - B

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.139. Query BRIGHTNESS - R

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.140. Query BRIGHTNESS - G

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.141. Query BRIGHTNESS - B

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.142. Query IRIS

Hexadecimal	02h	51h	56h	58h	3Ah	49h	52h	49h	49h	31h	03h
Character		Q	V	X	:	I	R	I	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	52h	49h	49h	31h	3Dh	2Bh
Character		I	R	I	I	I	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

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

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

2.143. Query REALTIME KEYSTONE

Hexadecimal	02h	51h	41h	4Bh	03h
Character		Q	A	K	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.144. Query KEYSTONE

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ 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

■ Note:

·PT-VX42 only

2.145. Query KEYSTONE – HORIZONTAL

Hexadecimal	02h	51h	56h	58h	3Ah	47h	4Eh	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	4Eh	4Bh	49h	35h	3Dh	*1
Character		G	M	K	I	5	=	*2
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	-60					
Hexadecimal	2Dh	30h	30h	30h	36h	30h
Character	-	0	0	0	6	0
	-59					
Hexadecimal	2Dh	30h	30h	30h	35h	39h
Character	-	0	0	0	5	9
	59					
Hexadecimal	2Bh	30h	30h	30h	35h	39h
Character	+	0	0	0	5	9
	60					
Hexadecimal	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	6	0

■ Note:

·Other than PT-VX42

2.146. Query KEYSTONE – VERTICAL

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

■ Note:

·Other than PT-VX42

2.147. Query CORNER CORRECTION – UPPER LEFT – HORIZONTAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	36h	03h
		Q	V	X	:	G	M	F	I	6	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	36h	3Dh	*1
		G	M	F	I	6	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0
	1					
Hexadecimal Character	2Bh	30h	30h	30h	30h	31h
	+	0	0	0	0	1
	1278					
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
	1279					
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Note:

·Other than PT-VX42

2.148. Query CORNER CORRECTION – UPPER LEFT – VERTICAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	31h	03h
		Q	V	X	:	G	M	F	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	31h	3Dh	*1
		G	M	F	I	I	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0
	1					
Hexadecimal Character	2Bh	30h	30h	30h	30h	31h
	+	0	0	0	0	1
	798					
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
	799					
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Note:

·Other than PT-VX42

2.149. Query CORNER CORRECTION – UPPER RIGHT – HORIZONTAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	37h	03h
		Q	V	X	:	G	M	F	I	7	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	37h	3Dh	*1
		G	M	F	I	7	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	-1279					
Hexadecimal Character	2Dh	30h	31h	32h	37h	39h
	-	0	1	2	7	9
	-1278					
Hexadecimal Character	2Dh	30h	31h	32h	37h	38h
	-	0	1	2	7	8
	-1					
Hexadecimal Character	2Dh	30h	30h	30h	30h	31h
	-	0	0	0	0	1
	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0

■ Note:

·Other than PT-VX42

2.150. Query CORNER CORRECTION – UPPER RIGHT – VERTICAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	32h	03h
		Q	V	X	:	G	M	F	I	2	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	32h	3Dh	*1
		G	M	F	I	2	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0
	1					
Hexadecimal Character	2Bh	30h	30h	30h	30h	31h
	+	0	0	0	0	1
	798					
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
	799					
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Note:

·Other than PT-VX42

2.151. Query CORNER CORRECTION – LOWER LEFT – HORIZONTAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	38h	03h
		Q	V	X	:	G	M	F	I	8	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	38h	3Dh	*1
		G	M	F	I	8	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0
	1					
Hexadecimal Character	2Bh	30h	30h	30h	30h	31h
	+	0	0	0	0	1
	1278					
Hexadecimal Character	2Bh	30h	31h	32h	37h	38h
	+	0	1	2	7	8
	1279					
Hexadecimal Character	2Bh	30h	31h	32h	37h	39h
	+	0	1	2	7	9

■ Note:

·Other than PT-VX42

2.152. Query CORNER CORRECTION – LOWER LEFT – VERTICAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	33h	03h
		Q	V	X	:	G	M	F	I	3	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	33h	3Dh	*1
		G	M	F	I	3	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	-799					
Hexadecimal Character	2Dh	30h	30h	37h	39h	39h
	-	0	0	7	9	9
	-798					
Hexadecimal Character	2Dh	30h	30h	37h	39h	38h
	-	0	0	7	9	8
	-1					
Hexadecimal Character	2Dh	30h	30h	30h	30h	31h
	-	0	0	0	0	1
	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0

■ Note:

·Other than PT-VX42

2.153. Query CORNER CORRECTION – LOWER RIGHT – HORIZONTAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	39h	03h
		Q	V	X	:	G	M	F	I	9	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	39h	3Dh	*1
		G	M	F	I	9	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	-1279					
Hexadecimal Character	2Dh	30h	31h	32h	37h	39h
	-	0	1	2	7	9
	-1278					
Hexadecimal Character	2Dh	30h	31h	32h	37h	38h
	-	0	1	2	7	8
	-1					
Hexadecimal Character	2Dh	30h	30h	30h	30h	31h
	-	0	0	0	0	1
	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0

■ Note:

·Other than PT-VX42

2.154. Query CORNER CORRECTION – LOWER RIGHT – VERTICAL

Hexadecimal Character	02h	51h	56h	58h	3Ah	47h	4Eh	46h	49h	34h	03h
		Q	V	X	:	G	M	F	I	4	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	47h	4Eh	46h	49h	34h	3Dh	*1
		G	M	F	I	4	=	*2
Hexadecimal Character	*3	*5	*7	*9	*11	03h		
	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	-799					
Hexadecimal Character	2Dh	30h	30h	37h	39h	39h
	-	0	0	7	9	9
	-798					
Hexadecimal Character	2Dh	30h	30h	37h	39h	38h
	-	0	0	7	9	8
	-1					
Hexadecimal Character	2Dh	30h	30h	30h	30h	31h
	-	0	0	0	0	1
	0					
Hexadecimal Character	30h	30h	30h	30h	30h	30h
	0	0	0	0	0	0

■ Note:

·Other than PT-VX42

2.155. Query SHIFT – HORIZONTAL

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-127			-126				-125				
Hexadecimal Character	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
	-	1	2	7	-	1	2	6	-	1	2	5
	125				126				127			
Hexadecimal Character	30h	31h	32h	35h	30h	31h	32h	36h	30h	31h	32h	37h
	0	1	2	5	0	1	2	6	0	1	2	7

■ Note:

·Acceptable only computer input, other inputs return the ER401.

2.156. Query SHIFT – VERTICAL

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	-127			-126				-125				
Hexadecimal Character	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
	-	1	2	7	-	1	2	6	-	1	2	5
	125				126				127			
Hexadecimal Character	30h	31h	32h	35h	30h	31h	32h	36h	30h	31h	32h	37h
	0	1	2	5	0	1	2	6	0	1	2	7

■ Note:

·Acceptable only computer input, other inputs return the ER401.

2.157. Query OVER SCAN

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2)

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

2.158. Query DOT CLOCK

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Note:

·Feasible by a still image signal of computer1 input or computer2 input, other inputs return the ER401.

2.159. Query CLOCK PHASE

Hexadecimal	02h	51h	43h	50h	03h
Character		Q	C	P	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	×	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

■ Note:

·Feasible by a still image signal of computer1 input or computer2 input, other inputs return the ER401.

2.160. Query ASPECT

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4)

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

2.161. Query FRAME LOCK

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.162. Query LANGUAGE

Hexadecimal	02h	51h	4Ch	47h	03h
Character		Q	L	G	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh
Character	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
Character	C	H	I	R	U	S	K	O	R
	Portuguese			Swedish			Norwegian		
Hexadecimal	50h	4Fh	52h	53h	56h	45h	4Eh	4Fh	52h
Character	P	O	R	S	V	E	N	O	R
	Danish			Polish			Czech		
Hexadecimal	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h
Character	D	A	N	P	O	L	C	E	S
	Hungarian			Thai			Dutch		
Hexadecimal	4Dh	41h	43h	45h	53h	41h	4Eh	4Ch	44h
Character	M	A	C	E	S	A	N	L	D
	Finnish			Romanian			Turkish		
Hexadecimal	46h	49h	4Eh	52h	55h	4Dh	54h	55h	52h
Character	F	I	N	R	U	M	T	U	R
	Arabic			Kazakh			Vietnamese		
Hexadecimal	41h	52h	41h	4Bh	41h	5Ah	56h	49h	45h
Character	A	R	A	K	A	Z	V	I	E

2.163. Query INPUT GUIDE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

2.164. Query OSD POSITION

Hexadecimal	02h	51h	56h	58h	3Ah	4Fh	50h	53h	49h	31h	03h
Character		Q	V	X	:	O	P	S	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	53h	49h	31h	3Dh	2Bh
Character		O	P	S	I	I	=	+

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	UPPER LEFT				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	LOWER LEFT				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	CENTER				
Hexadecimal	30h	30h	30h	30h	35h
Character	0	0	0	0	5
	UPPER RIGHT				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7
	LOWER RIGHT				
Hexadecimal	30h	30h	30h	30h	39h
Character	0	0	0	0	9

2.165. Query WARNING MESSAGE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	57h	4Dh	44h	49h	30h	3Dh	2Bh
Character		W	M	D	I	O	=	+

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.166. Query HDMI SIGNAL LEVEL

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	0-1023				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	64-940				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	AUTO				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2

2.167. Query CLOSED CAPTION SETTING

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	*1	03h
		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

■ Note:

·Only for NTSC or 480i YPBPR input.

2.168. Query SCREEN SETTING

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	*1	03h
		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

■ Note:

·Only for PT-VW340/VW345NZ

2.169. Query SCREEN POSITION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

■ Note:

·Only for PT-VW340/VW345NZ.

2.170. Query STARTUP LOGO

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	*1	03h
		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

2.171. Query AUTO SETUP SETTING

Hexadecimal Character	02h	51h	56h	58h	3Ah	41h	53h	53h	49h	31h	03h
		Q	V	X	:	A	S	S	i	i	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	41h	53h	53h	49h	31h	3Dh	2Bh
		A	S	S	i	i	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	AUTO				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	BUTTON				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2

2.172. Query SIGNAL SEARCH

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.173. Query BACK COLOR

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

2.174. Query WIDE MODE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

2.175. Query SXGA MODE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	SXGA	SXGA+
Hexadecimal	30h	31h
Character	0	1

2.176. Query P-TIMER - MODE

Hexadecimal	02h	51h	56h	58h	3Ah	50h	54h	4Dh	49h	31h	03h
Character		Q	V	X	:	P	T	M	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	4Dh	49h	31h	3Dh	2Bh
Character		P	T	M	I	I	=	+

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

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

	COUNT DOWN				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	COUNT UP				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

2.177. Query P-TIMER - COUNTDOWN TIMER

Hexadecimal	02h	51h	56h	58h	3Ah	50h	54h	4Dh	49h	32h	03h
Character		Q	V	X	:	P	T	M	I	2	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	4Dh	49h	32h	3Dh	2Bh
Character		P	T	M	I	2	=	+

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

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

	0				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	1				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	179				
Hexadecimal	30h	30h	31h	37h	39h
Character	0	0	1	7	9
	180				
Hexadecimal	30h	30h	31	38	30h
Character	0	0	1	8	0

2.178. Query P IN P - MODE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	×	○	○

■ Parameters(*1,*2)

	OFF	SIDE BY SIDE	P IN P
Hexadecimal	30h	31h	32h
Character	0	1	2

■ Note:

· Only for PT-VW340/VW345N

2.179. Query P IN P – SUBPICTURE SIZE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4F	4Eh	2Ch	56h	30h	30h	30h	2Ch
Character		O	N	.	V	0	0	0	.
Hexadecimal	48h	30h	30h	30h	2Ch	*1	*3	*5	03h
Character	H	0	0	0	,	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

	SMALL			MIDDLE			LARGE		
Hexadecimal	30h	33h	30h	30h	34h	30h	30h	35h	30h
Character	0	3	0	0	4	0	0	5	0

■ Note:

·Only for PT-VW340/VW345N

2.180. Query P IN P – SUBPICTURE POSITION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>

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

	UPPER LEFT				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	LOWER LEFT				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3
	UPPER RIGHT				
Hexadecimal	30h	30h	30h	30h	37h
Character	0	0	0	0	7
	LOWER RIGHT				
Hexadecimal	30h	30h	30h	30h	39h
Character	0	0	0	0	9

■ Note:

·Only for PT-VW340/VW345N

2.181. Query COMPUTER2 SELECT

Hexadecimal	02h	51h	52h	49h	03h
Character		Q	R	I	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

	COMPUTER2 IN			COMPUTER1 OUT		
Hexadecimal	32h	49h	4Eh	32h	4Fh	55h
Character	2	I	N	2	O	U

2.182. Query INITIAL START UP

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

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

2.183. Query PROJECTION METHOD

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

■ Response (Callback)

Hexadecimal	02h	*1	03h
Character		*2	

Parameters(*1,*2)

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.184. Query HIGH ALTITUDE MODE

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	OFF	HIGH1	HIGH2
Hexadecimal	30h	32h	33h
Character	0	2	3

2.185. Query LAMP POWER

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	NORMAL	ECO1	ECO2
Hexadecimal	31h	33h	34h
Character	1	3	4

2.186. Query ECO MANAGEMENT – AUTO POWER SAVE

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.187. Query ECO MANAGEMENT – AMBIENT LIGHT DETECTION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.188. Query ECO MANAGEMENT – SIGNAL DETECTION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.189. Query ECO MANAGEMENT – AV MUTE DETECTION

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.190. Query ECO MANAGEMENT – POWER MANAGEMENT

Hexadecimal Character	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	35h	03h
		Q	V	X	:	E	C	O	I	5	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	45h	43h	4Fh	49h	35h	3Dh	2Bh
		E	C	O	I	5	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	READY				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	SHUT DOWN				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2

2.191. Query ECO MANAGEMENT – POWER MANAGEMENT – TIMER

Hexadecimal Character	02h	51h	56h	58h	3Ah	45h	43h	4Fh	49h	36h	03h
		Q	V	X	:	E	C	O	I	6	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	45h	43h	4Fh	49h	35h	3Dh	2Bh
		E	C	O	I	5	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	5				
Hexadecimal Character	30h	30h	30h	30h	35h
	0	0	0	0	5
	10				
Hexadecimal Character	30h	30h	30h	31h	30h
	0	0	0	1	0
	115				
Hexadecimal Character	30h	30h	31h	31h	35h
	0	0	1	1	5
	120				
Hexadecimal Character	30h	30h	31h	32h	30h
	0	0	1	2	0

2.192. Query ECO MANAGEMENT – STANDBY MODE

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	NORMAL				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0
	NETWORK				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1
	ECO				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

2.193. Query EMULATE

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

F/W SERIES					
Hexadecimal Character	30h 0	30h 0	30h 0	31h 1	31h 1
LZ370					
Hexadecimal Character	30h 0	30h 0	30h 0	31h 1	32h 2
VX500 SERIES					
Hexadecimal Character	30h 0	30h 0	30h 0	31h 1	33h 3
EZ570 SERIES					
Hexadecimal Character	30h 0	30h 0	30h 0	31h 1	34h 4
VW431D					
Hexadecimal Character	30h 0	30h 0	30h 0	31h 1	35h 5

2.194. Query AUDIO SETTING – VOLUME

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.195. Query AUDIO SETTING – MUTE

Hexadecimal Character	02h	51h	4Dh	54h	03h
		Q	M	T	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	○	○	○

■ Parameters(*1,*2,*3,*4,*5,*6)

	OFF	ON
Hexadecimal Character	30h	31h
	0	1

2.196. Query AUDIO SETTING – IN STANDBY MODE

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
○	x	○	○

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

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

2.197. Query AUDIO SETTING – AUDIO IN SELECT

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2)

	COMPUTER1	COMPUTER2	HDMI
Hexadecimal Character	30h	31h	33h
	0	1	3
	VIDEO	S-VIDEO	NETWORK
Hexadecimal Character	34h	35h	36h
	4	5	6

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

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

2.198. Query AUDIO SETTING – MIC

Hexadecimal Character	02h	51h	56h	58h	3Ah	4Dh	49h	43h	49h	31h	03h
		Q	V	X	:	M	I	C	I	I	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.199. Query AUDIO SETTING – MIC GAIN

Hexadecimal Character	02h	51h	56h	58h	3Ah	4Dh	49h	43h	49h	32h	03h
		Q	V	X	:	M	I	C	I	2	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.200. Query EASY SETTING – FOCUS ASSIST

Hexadecimal Character	02h	51h	56h	58h	3Ah	45h	53h	53h	49h	31h	03h
		Q	V	X	:	E	S	S	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	45h	53h	53h	49h	31h	3Dh	2Bh
		E	S	S	I	I	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.201. Query EASY SETTING – SCREEN FIT

Hexadecimal Character	02h	51h	56h	58h	3Ah	45h	53h	53h	49h	32h	03h
		Q	V	X	:	E	S	S	I	2	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	45h	53h	53h	49h	32h	3Dh	2Bh
		E	S	S	I	2	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	FULL				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	ORIGINAL				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2

2.202. Query EASY SETTING – COLOR BOARD

Hexadecimal Character	02h	51h	56h	58h	3Ah	45h	53h	53h	49h	33h	03h
		Q	V	X	:	E	S	S	I	3	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	45h	53h	53h	49h	33h	3Dh	2Bh
		E	S	S	I	3	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.203. Query FILTER COUNTER

Hexadecimal Character	02h	51h	46h	49h	3Ah	30h	03h
		Q	F	I	:	0	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

2.204. Query FILTER COUNTER – TIMER

Hexadecimal Character	02h	51h	56h	58h	3Ah	46h	43h	54h	49h	31h	03h
		Q	V	X	:	F	C	T	I	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	46h	43h	54h	49h	31h	3Dh	2Bh
		F	C	T	I	I	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	1000H				
Hexadecimal Character	30h	31h	30h	30h	30h
	0	1	0	0	0
	2000H				
Hexadecimal Character	30h	32h	30h	30h	30h
	0	2	0	0	0
	3000H				
Hexadecimal Character	30h	33h	30h	30h	30h
	0	3	0	0	0
	4000H				
Hexadecimal Character	30h	34h	30h	30h	30h
	0	4	0	0	0
	5000H				
Hexadecimal Character	30h	35h	30h	30h	30h
	0	5	0	0	0
	6000H				
Hexadecimal Character	30h	36h	30h	30h	30h
	0	6	0	0	0

2.205. Query WIRELESS LAN

Hexadecimal Character	02h	51h	56h	58h	3Ah	57h	4Ch	53h	49h	31h	03h
		Q	V	X	:	W	L	S	I	I	

Response (Callback)

In the period when the command can be accepted

Hexadecimal Character	02h	57h	4Ch	53h	49h	31h	3Dh	2Bh
		W	L	S	I	I	=	+
Hexadecimal Character	*1	*3	*5	*7	*9	03h		
	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	USER1				
Hexadecimal Character	30h	30h	30h	30h	35h
	0	0	0	0	5
	USER2				
Hexadecimal Character	30h	30h	30h	30h	36h
	0	0	0	0	6
	USER3				
Hexadecimal Character	30h	30h	30h	30h	37h
	0	0	0	0	7
	S-DIRECT				
Hexadecimal Character	30h	30h	30h	31h	31h
	0	0	0	1	1
	M-DIRECT				
Hexadecimal Character	30h	30h	30h	31h	32h
	0	0	0	1	2

Note:

·Only for PT-VX415N/VW345N

2.206. Query CONNECTION LOCK

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

Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

	OFF				
Hexadecimal Character	30h	30h	30h	30h	30h
	0	0	0	0	0
	Panasonic APPLICATION				
Hexadecimal Character	30h	30h	30h	30h	31h
	0	0	0	0	1
	Miracast(TM)				
Hexadecimal Character	30h	30h	30h	30h	32h
	0	0	0	0	2
	MEMORY VIEWER				
Hexadecimal Character	30h	30h	30h	30h	33h
	0	0	0	0	3

Note:

·Only for PT-VX415N/VW345N

2.207. Query FUNCTION – ASSIGN

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

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

	Parameters
Hexadecimal Character	Refer to “3.1 FNC COMMAND PARAMETERS” of the appendix.

2.208. Query LAMP RUNTIME

Hexadecimal Character	02h	51h	24h	4Ch	03h
		Q	\$	L	

■ Response (Callback)

In the period when the command can be accepted

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

■ Parameters(*1,*2,*3,*4,*5,*6)

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

2.209. Query LAMP CONTROL STATUS

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

■ Response (Callback)

Lamp OFF	Hexadecimal Character	02h	30h	03h
			0	
In turning ON	Hexadecimal Character	02h	31h	03h
			1	
Lamp ON	Hexadecimal Character	02h	32h	03h
			2	
Lamp cooling	Hexadecimal Character	02h	33h	03h
			3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.210. Query TEMPERATURE

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

■ Parameters(*1,*2)

	INTAKE AIR TEMP	EXHAUST AIR TEMP	OPTICS MODULE TEMP
Hexadecimal Character	30h	31h	32h
	0	1	2

■ Response (Callback)

(Example) 20.0 degrees Celsius, 68 degrees Fahrenheit

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

(Example) -10.0 degrees Celsius, 14 degrees Fahrenheit

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.211. Query SERIAL NUMBER

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

■ Response (Callback)

(Example) SB12345678

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.212. Query MAC ADDRESS

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

■ Response (Callback)

(Example) AB0102030405

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.213. Query PROJECTOR RUNTIME

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	54h	4Dh	49h	30h	3Dh	2Bh
Character		R	T	M	i	0	=	+

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

(Example) 55 hours

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

2.214. Query LAMP UNIT SERIAL MODEL No.

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

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	53h	4Eh	53h	30h	3Dh
Character		L	S	N	S	0	=

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

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

(Example) 12345—67890

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

■ Note:

- Parameter is undefined length

3. APPENDIX TABHLE

3.1. FNC COMMAND PARAMETERS

Parameters	function name	Parameters	function name
0000	DISABLE	0065	P-TIMER RESET
0001	PICTURE	0066	P-TIMER EXIT
0002	POSITION	0067	P IN P MODE
0003	LANGUAGE	0068	SUBPICTURE SIZE
0004	DISPLAY OPTION	0069	SUBPICTURE POSITION
0005	PROJECTOR SETUP	0070	OTHER FUNCTION AUTO SETUP
0006	SECURITY	0071	FREEZE
0007	NETWORK(NETWORK/USB)	0072	AV MUTE
0008	PICTURE MODE	0073	DIGITAL ZOOM
0009	CONTRAST	0074	STATUS
0010	BRIGHTNESS	0075	COMPUTER2 SELECT
0011	COLOR	0076	PROJECTOR ID
0012	TINT	0077	INITIAL START UP
0013	SHARPNESS	0078	PROJECTION METHOD
0014	COLOR TEMPERATURE	0079	HIGH ALTITUDE MODE
0015	IRIS	0080	LAMP POWER
0016	ADVANCED MENU	0081	ECO MANAGEMENT
0017	DAYLIGHT VIEW	0082	EMULATE
0018	DIGITAL CINEMA REALITY	0083	FUNCTION BUTTON
0019	NOISE REDUCTION	0084	AUDIO SETTING
0020	TV-SYSTEM	0085	EASY SETTING
0021	RGB/YBPBR	0086	TEST PATTERN
0022	CONTRAST R	0087	FILTER COUNTER
0023	CONTRAST G	0088	AUTO POWER SAVE
0024	CONTRAST B	0089	AMBIENT LIGHT DETECTION
0025	BRIGHTNESS R	0090	SIGNAL DETECTION
0026	BRIGHTNESS G	0091	AV MUTE DETECTION
0027	BRIGHTNESS B	0092	POWER MANAGEMENT
0028	REALTIME KEYSTONE	0093	POWER MANAGEMENT TIMER
0029	KEYSTONE	0094	STANDBY MODE
0030	SHIFT	0095	VOLUME
0031	DOT CLOCK	0096	MUTE
0032	CLOCK PHASE	0097	IN STANDBY MODE
0033	OVER SCAN	0098	AUDIO IN SELECT COMPUTER1
0034	ASPECT	0099	AUDIO IN SELECT COMPUTER2
0035	FRAME LOCK	0100	AUDIO IN SELECT VIDEO
0036	KEYSTONE KEYSTONE	0101	AUDIO IN SELECTS-VIDEO

0037	KEystone CORNER CORRECTION	0102	AUDIO IN SELECT HDMI
0038	CORNER CORRECTION UPPER LEFT	0103	AUDIO IN SELECT NETWORK/USB
0039	CORNER CORRECTION UPPER RIGHT	0104	MIC
0040	CORNER CORRECTION LOWER LEFT	0105	MIC GAIN
0041	CORNER CORRECTION LOWER RIGHT	0106	FOCUS ASSIST
0042	ON-SCREEN DISPLAY	0107	SCREEN FIT
0043	HDMI SIGNAL LEVEL	0108	COLOR BOARD
0044	CLOSED CAPTION SETTING	0109	FILTER COUNTER TIMER
0045	SCREEN SETTING	0110	WIRED LAN
0046	STARTUP LOGO	0111	WIRELESS LAN
0047	AUTO SETUP SETTING	0112	CONNECTION LOCK
0048	SIGNAL SEARCH	0113	NAME CHANGE
0049	BACK COLOR	0114	PASSWORD
0050	WIDE MODE	0115	PASSWORD CHANGE
0051	SXGA MODE	0116	NETWORK CONTROL
0052	P-TIMER	0117	Crestron Connected(TM)
0053	P IN P	0118	AMX.D.D.
0054	OTHER FUNCTIONS	0119	LIVE MODE CUT IN
0055	INPUT GUIDE	0120	MULTI LIVE
0056	OSD PSITION	0121	MEMORY VIEWER
0057	WARNING MESSAGE	0122	NETWORK STATUS
0058	CLOSED CAPTION	0123	VIEW
0059	CLOSED CAPTION MODE	0124	SORT
0060	SCREEN FORMAT	0125	AUTOPLAY
0061	SCREEN POSITION	0126	INTERVAL
0062	P-TIMER MODE	0127	EFFECT
0063	P-TIMER TIMER	0128	GUIDE
0064	P-TIMER START/STOP/RESTART		