

**SONY®**

# **DATA PROJECTOR**

PROTOCOL MANUAL  
(SUPPORTED COMMAND LIST)  
1st Edition (Revised 1)

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The information contained in this manual does not guarantee compatibility or operability of the Sony projector models listed in this manual with all other equipment and systems.

Sony is not responsible for product malfunctions resulting from failure to follow the instructions and information contained herein.

For details on the projector models listed herein, please refer to the Sony user manuals and operating instructions.

The information and specifications contained herein are subject to change without notice.

**Related Manuals**

The following manual is provided for this unit in addition to this “Protocol Manual (SUPPORTED COMMAND LIST) ”.

- **“Protocol Manual” (COMMON)**  
This manual describes the basic configuration and operation to write the various commands to be used in the serial communication (RS-232C) and network communication for the projector.

1. Overview

This manual is a protocol and command correspondence list in each projector model.  
For details of each protocol, refer to REMOTE CONTROL PROTOCOL MANUAL (COMMON) on separate sheet.

Protocol for each model

(○: supported (initial setting: ON), ●: supported (initial setting: OFF), —: not supported)

Protocol	VPL-*** series (*** means model name)													Remarks
	FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
SDAP	○	○	○	●	●	●	●	●	●	●	●	●	●	
ADCP	○	○	○	○	○	○	○	○	○	○	○	○	○	Initial setting of authentication during connection is also ON. For the individual command correspondence, refer to ADCP in Section 2.
PJLink	○	○	○	●	●	○	○	○	○	○	○	○	○	Menu setting item to set whether or not to always perform the communication with the projector control device in the environment where network is connected.
DDDP (AMX Dynamic Device Discovery Protocol)	○	○	○	●	●	●	●	●	●	●	●	●	●	Function is always ON during serial connection.
SDDP (Control4 Simple Device Discovery Protocol)	—	—	—	—	—	—	—	—	—	—	—	—	—	
CIP (Crestron Internet Protocol)	○	○	○	○	○	○	○	○	○	○	○	○	○	
SNMP (Simple Network Management Protocol)	○	○	○	○	○	—	—	—	—	—	—	—	—	

Other items for each model

(○: supported/—: not supported)

Item	VPL-*** series (*** means model name)													Remarks
	FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Ethernet terminal provided	○	○	○	○	○	○	○	○	○	○	○	○	○	
Standby mode menu setting item	○	○	○	○	○	○	○	○	○	○	○	○	○	Power consumption setting during the standby state If set to “Low”, the network function cannot be used during the standby state. When performing the power ON/OFF and so on in the network connection, set this item to “standard”.
Network management menu setting item	—	—	—	—	—	—	—	—	—	—	—	—	—	Menu setting item to set whether or not to always perform the communication with the projector control device in the environment where network is connected.

2. Correspondence of ADCP Command in Each Projector Model

2-1. System Command

A system command can acquire the projector power operation and the power, error, or warning status. The type of a command is classified as follows:

- sys\_sel command type: Sets the selected value for turning on and off the power.
- sys\_stat command type: Acquires the status.
- sys\_var command type: Sets the network address.


2-1-1. Command Type: sys\_sel


By optional designation, the command of a sys\_sel command type can set values and acquire values, settable choices, and command information.

Command name	command
Value to be set	txt_param1
Settable choice	txt_param1, txt_param2

In the case described above, commands conform to the formats below, respectively.


Setting of value


Transmitting example: command "txt\_param1" 

Returning example: ok 

Sets the selected value using a command. The selected value is enclosed with double quotation marks (" ").

Inquiry of value:


Transmitting example: command ? 


Returning example: "txt\_param1" 

Acquires the selected value of the set parameter.

The selected value that has been set is returned with the value being enclosed in double quotation marks (" ").


Inquiry of value range:


Transmitting example: command ? --range 

Returning example: ["txt\_param1", "txt\_param2"] 

Acquires a list of parameter-selected values that can be set.

Inquiry of command information:

Transmitting example: command ? --info 

Returning example: { "type": "sys\_sel", "version": "1.0", "range": ["txt\_param1", "txt\_param2"] } 

Acquires the command information.

A command type, command version, and a list of selected values that can be set using a command are returned as command information.

1. Command list

Function	Command	Parameter/ response	Remarks	VPL-*** series (***) means model name)												
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
Power on/off operation	power*1	"on"	Power on operation	○	○	○	○	○	○	○	○	○	○	○	○	○
		"off"	Power off operation	○	○	○	○	○	○	○	○	○	○	○	○	○
IPv4 network setting	ipv4_network_setting*2	"start"	Setting start	○	○	○	○	○	○	○	○	○	○	○	○	○
		"apply"	Setting reflection	○	○	○	○	○	○	○	○	○	○	○	○	○
IPv4 address setting method Setting/acquisition	ipv4_set_method ipv4_set_method ?	"auto"	Auto	○	○	○	○	○	○	○	○	○	○	○	○	○
		"manual"	Manual*3	○	○	○	○	○	○	○	○	○	○	○	○	○

\*1: A value cannot be acquired. Use the power\_status ? command of a sys\_stat command type when acquiring the power state.

2. Command example

```
power "on"
ok
```

\*2: During network setting, set an address after sending “start”. Then, send “apply” and reflect the setting.

Example

```
ipv4_network_setting "start"
ipv4_set_method "auto"
ipv4_dns_set_method "auto"
ipv4_network_setting "apply"
```

\*3: Set each address using the network setting command of a sys\_var command category when selecting “manual”. Then, send “apply” and reflect the setting.

Example

```
ipv4_network_setting "start"
ipv4_set_method "manual"
ipv4_ip_address "XXX.XXX.XXX.XXX"
ipv4_sub_net_mask "XXX.XXX.XXX.XXX"
ipv4_default_gateway "XXX.XXX.XXX.XXX"
ipv4_dns_server1 "XXX.XXX.XXX.XXX"
ipv4_dns_server2 "XXX.XXX.XXX.XXX"
ipv4_network_setting "apply"
```

2-1-2. Command Type: sys\_stat

By optional designation, the command of a sys\_stat command type can acquire values and command information.  
Command name: In the case of "command", the following format is used.

Acquisition of value:

- Transmitting example: command: command ?

Returning example: "txt\_param"

["txt\_param1", "txt\_param2"]

[{"val1":100}, {"val2":200}]
- The system status information is inquired.

When the information of single system status is returned

When using the command that handles multiple items in response, it is returned in the JSON array format.

In the timer etc., the name of each value and the JSON associative array of the value are returned in the array format.

Acquisition of command information:

- Transmitting example: command ? --info

Returning example: {"type":"sys\_stat", "version":"1.0"}
- The command information is inquired.

1. Command list

Function	Command	Response	Remarks	VPL-*** series (***) means model name)												
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
Power status acquisition	power_status ?	"standby"	Standby	○	○	○	○	○	○	○	○	○	○	○	○	○
		"startup"	Start up in progress	○	○	○	○	○	○	○	○	○	○	○	○	○
		"on"	Power on	○	○	○	○	○	○	○	○	○	○	○	○	○
		"cooling1"	Cooling 1	○	○	○	○	○	○	○	○	○	○	○	○	○
		"cooling2"	Cooling 2	○	○	○	○	○	○	○	○	○	○	○	○	○
		"saving_cooling1"	Power saving cooling 1	○	○	○	○	○	○	○	○	○	○	○	○	○
		"saving_cooling2"	Power saving cooling 2	○	○	○	○	○	○	○	○	○	○	○	○	○
		"saving_standby"	Power saving standby	○	○	○	○	○	○	○	○	○	○	○	○	○
		"update"	Software update	○	○	—	—	—	—	—	—	—	—	—	—	—
Error status acquisition	error ?	Example) ["err_power", "err_fan"]	The JSON array data of a factor is as follows:													
		"no_err"	No error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_power"	Power supply error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_power2"	Power supply (D5V) error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_system2"	System error 2	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_cover"	Cover error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_light_src"	Light-source error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_lens_cover"	Lens cover error	—	—	—	—	—	—	—	—	—	—	—	—	—
		"err_shock"	Shock error	○	○	—	○	—	—	—	—	—	—	—	○	○
		"err_nolens"	Lens not attached error	○	○	○	○	—	—	—	—	—	—	—	—	—
		"err_attitude"	Installation angle error	○	○	○	—	—	—	—	—	—	—	—	○	○
		"err_temp"	Temperature error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_fan"	Fan error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_wheel"	Wheel rotation error	○	○	—	○	—	—	—	—	—	—	—	○	○
		"err_light_over"	Luminance error	○	○	—	○	—	—	—	—	—	—	—	○	○
		"err_assy"	Assembling error	○	○	○	○	○	○	○	○	○	○	○	○	○
		"err_lens_shift"	Lens shift error	○	○	○	○	—	—	—	—	—	—	—	—	—
		"err_shutter"	Shutter error	—	—	—	—	—	—	—	—	○	—	—	—	—

Function	Command	Response	Remarks	VPL-*** series (***) means model name)													
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Warning status acquisition	warning ?	Example) ["warn_temp", "warn_signal_sel"]	The JSON array data of a factor is as follows:														
		"no_warn"	No warning	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"warn_light_src_life"	Light- source life warning	—	—	○	—	○	○	○	○	○	○	○	—	—	
		"warn_highland"	High altitude warning	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"warn_temp"	Temperature warning	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"warn_signal_freq"	Signal frequency warning	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"warn_signal_sel"	Signal type warning	○	○	○	○	○	○	○	○	○	○	○	○	○	
Timer acquisition	timer ?	Example) [{"operation":3400}, {"light_src":2300}, {"prev_light_src":3000} ]	JSON object array of each timer value	○	○	○	○	○	○	○	○	○	○	○	○		
Filter status acquisition	filter_status ?	"normal"	Maintenance is not required.	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"clean"	Filter cleaning is required.	○	○	—	○	○	○	○	○	○	○	○	○*	○*	
		"replace"	Filter replacement is required.	○	○	—	—	—	—	—	—	—	—	—	—	—	
		"cleanup_step1"	Filter auto-cleaning is required. 1	○	○	○	—	—	—	—	—	—	—	—	○*	○*	
		"cleanup_step2"	Filter auto-cleaning is required. 2	○	○	○	—	—	—	—	—	—	—	—	○*	○*	
Model name acquisition	modelname ?	Example) "VPL-FHZ65"	Model name	○	○	○	○	○	○	○	○	○	○	○	○	○	
Serial number acquisition	serialnum ?	Example) "012345678"	Serial number	○	○	○	○	○	○	○	○	○	○	○	○	○	
Input signal status acquisition	signal ?	"Video60"	60Hz video signal	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"Video50"	50Hz video signal	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"480_60i"	480/60i	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"576/50i"	576/50i	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"480/60p"	480/60p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"576/50p"	576/50p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/60i"	1080/60i	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/50i"	1080/50i	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/24psF"	1080/24psF	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"720/60p"	720/60p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"720/50P"	720/50P	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/60p"	1080/60p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/50p"	1080/50p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/24p"	1080/24p	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1080/30p"	1080/30p	○	—	—	—	—	—	—	—	—	—	—	—	—	—
		"640x350"	640 × 350	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"640x400"	640 × 400	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"640x480"	640 × 480	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"800x600"	800 × 600	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"832x624"	832 × 624	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1024x768"	1024 × 768	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1152x864"	1152 × 864	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1152x900"	1152 × 900	○	○	○	○	○	○	○	○	○	○	○	○	○	○

※: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.



Function	Command	Response	Remarks	VPL-*** series (** means model name)												
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
Input signal status acquisition	signal ?	"1280x960"	1280 × 960	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1280x1024"	1280 × 1024	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1400x1050"	1400 × 1050	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1600x1200"	1600 × 1200	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1280x768"	1280 × 768	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1280x720"	1280 × 720	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1920x1080"	1920 × 1080	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1920x1200"	1920 × 1200	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1366x768"	1366 × 768	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1440x900"	1440 × 900	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1680x1050"	1680 × 1050	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1280x800"	1280 × 800	○	○	○	○	○	○	○	○	○	○	○	○	○
		"1600x900"	1600 × 900	○	○	○	○	○	○	○	○	○	○	○	○	○
		"2048x1080/24p"	2048 × 1080/24p	—	—	—	—	—	—	—	—	—	—	—	—	—
		"2048x1080/24psF"	2048 × 1080/24psF	—	—	—	—	—	—	—	—	—	—	—	—	—
		"Invalid"	Unknown status	○	○	○	○	○	○	○	○	○	○	○	○	○
		"<H resolution> x <V resolution?"	Custom resolution	○	○	○	○	○	○	○	○	○	○	○	○	○
MAC address acquisition	mac_address ?	Example) "08-12-34-ab-cd-ef"	MAC address character string	○	○	○	○	○	○	○	○	○	○	○	○	○
IPv6 address set- ting method acquisition	ipv6_set_method ?	"auto"	Auto	○	○	○	○	—	—	—	—	—	—	—	—	—
		"manual"	Manual	○	○	○	○	—	—	—	—	—	—	—	—	—
IPv6 DNS address setting method acqui- sition	ipv6_dns_set_method ?	"auto"	Auto	○	○	○	○	—	—	—	—	—	—	—	—	—
		"manual"	Manual	○	○	○	○	—	—	—	—	—	—	—	—	—
(IPv6) IP address acquisition	ipv6_ip_address ?	IPv6 address character string  Example) "2001:db8::1:0:0:1"  * For details of the notation, refer to RFC5952 “A Recom- mendation for IPv6 Address Representation”. IPv6 prefix length Example) 64		○	○	○	○	—	—	—	—	—	—	—	—	—
(IPv6) default gateway address acquisition	ipv6_default_gateway ?			○	○	○	○	—	—	—	—	—	—	—	—	—
(IPv6) DNS1 address acqui- sition	ipv6_dns_server1 ?			○	○	○	○	—	—	—	—	—	—	—	—	—
(IPv6) DNS2 address acqui- sition	ipv6_dns_server2 ?			○	○	○	○	—	—	—	—	—	—	—	—	—
(IPv6) IP address prefix acquisition	ipv6_prefix ?			○	○	○	○	—	—	—	—	—	—	—	—	—

2. Command example

```
power_status ?  
"standby"
```

2-1-3. Command Type: sys\_var

You can set and obtain the items of special value representation with the command of the “sys\_var” command type.

Command name: In the case of "command", the following format is used.

Setting of value:

```
Transmitting example: command "192.168.0.1"  
Returning example: ok
```

Inquiry of value:

```
Transmitting example: command ?  
Returning example: "192.168.0.1"
```

Inquiry of settable value range:

```
Transmitting example: command ? --range  
Returning example: { "min": "0.0.0.0", "max": "255.255.255.255" }
```

1. System numeric command

Function	Command	Parameter/response	VPL-*** series (*** means model name)												
			FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
(IPv4) IP address setting/acquisition	ipv4_ip_address ipv4_ip_address ?	IPv4 address character string  Example) "192.168.0.1"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(IPv4) subnet mask setting/acquisition	ipv4_sub_net_mask ipv4_sub_net_mask ?		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(IPv4) default gateway address setting/ acquisition	ipv4_default_gateway ipv4_default_gateway ?		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(IPv4) DNS1 address setting/acquisition	ipv4_dns_server1 ipv4_dns_server1 ?		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(IPv4) DNS2 address setting/acquisition	ipv4_dns_server2 ipv4_dns_server2 ?		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Command example

```
ipv4_ip_address ?  
"192.168.0.1"
```

2-2. Menu Command

2-2-1. Command Type: menu\_sel/menu\_val/menu\_exec

By optional designation, the command of a menu\_sel/menu\_val/menu\_exec command type can set and acquire menu values, and acquire command information.  
Command name: In the case of “cmd”, the following format is used.

Command Type		Set		Reset	Query
		Direct	Relative		Value
menu_sel	Transmitting example	cmd "item"		cmd --reset	cmd ?
	Returning example	ok		ok	"item"
menu_num	Transmitting example	cmd 10	cmd --rel -1	cmd --reset	cmd ?
	Returning example	ok	ok	ok	10
menu_exec	Transmitting example	cmd	–	–	–
	Returning example	ok			

Command Type		Query	
		Range	Command info
menu_sel	Transmitting example	cmd --range	cmd --info
	Returning example	"item"	{"type": "menu_sel", "version": "1.0", "range": ["item", "item2"]}
menu_num	Transmitting example	cmd --range	cmd --info
	Returning example	{"min": 0, "max": 10}	{"type": "menu_num", "version": "1.0", "range": {"min": 0, "max": 10}}
menu_exec	Transmitting example	–	cmd --info
	Returning example		{"type": "menu_exec", "version": "1.0"}

1. Command list

Remote control function command


Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)												Type	
				FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/E500	S200	S600	P10/P500		U300
Input terminal selection command	input	The following terminal names are used in all models.															menu_sel
		"video1"	Video terminal 1	—	○	○	○	○	○	○	○	○	○	○	○	○	
		"svideo1"	S video terminal 1	—	—	—	○	○	○	○	○	○	○	○	—	○	
		"rgb1"	RGB terminal 1	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	○ (Input A)	
		"rgb2"	RGB terminal 2	○ (Input B)	—	—	○ (Input B)	○ (Input B)	—	○ (Input B)	○ (Input B)	○ (Input B)	○ (Input B)	○ (Input B)	—	○ (Input B)	
		"dvi1"	DVI terminal 1	○ (Input C)	○ (Input B)	○ (Input B)	○ (Input C)	○ (Input C)	—	—	—	—	—	—	—	—	
		"hdmi1"	HDMI terminal 1	○ (Input D)	○ (Input C)	○ (Input C)	○ (Input D)	○ (Input D)	○ (Input B)	○ (Input C)	○ (Input C)	○ (Input C)	○ (Input C)	○ (Input C)	○ (Input B)	○ (Input C)	
		"hdmi2"	HDMI terminal 2	—	—	—	—	—	○ (Input C)	—	○ (Input D)	○ (Input D)*	—	—	○ (Input C)	○ (Input D)	
		"network"	Network	—	—	—	—	—	○	○	○	○	○	○	○	○	
		"usb_a"	USB (type A)	—	—	—	—	—	—	○	○	○	○	○	—	—	
		"usb_b"	USB (type B)	—	—	—	—	—	○	○	○	○	○	○	○	○	
		"hdbaset1"	HDBaseT terminal 1	○ (Input E)	○ (Input D)	○ (Input D)	—	—	○ (Input D)*	—	○ (Input E)*	○ (Input E)*	—	—	○ (Input D)	—	
		"option1"	Option adapter 1	○ (Input F) * FHZ120/ F1200 series only	—	—	○ (Input E)	—	—	—	—	—	—	—	—	—	
		"web_content"	Web content	○ (Input G)	—	—	—	—	—	—	—	—	—	—	—	—	
Video muting command	blank	"on"	ON	—	○	○	○	○	○	○	○	○	○	○	○		
		"off"	OFF	—	○	○	○	○	○	○	○	○	○	○	○		
Audio muting command	muting	"on"	ON	—	○	○	—	○	○*	○*	○*	○*	○	○	○	○	
		"off"	OFF	—	○	○	—	○	○*	○*	○*	○*	○	○	○	○	
Freeze (pausing of screen) function selection command	freeze	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○		
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○		
Dual-screen mode function selection command	multi_screen	"on"	ON	○	○	○	○	○	—	—	—	—	—	—	—		
		"off"	OFF	○	○	○	○	○	—	—	—	—	—	—	—		

\*: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.


Image quality setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (***) means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Selection of image quality mode	picture_mode	"dynamic"	Dynamic	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_sel
		"standard"	Standard	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"brt_priority"	Brightness priority	○	○	○	○	—	—	—	—	—	—	—	—	—	
		"multi_screen"	Multi-screen	○	○	○	—	—	—	—	—	—	—	—	—	—	
		"presenta- tion"	Presentation	—	—	—	○	○	○	○	○	○	○	○	○	○	
		"blackboard"	Blackboard	—	—	—	—	—	—	○	○	○	○	○	—	—	
		"whiteboard"	Whiteboard	—	—	—	—	—	—	○	○	○	○	○	—	—	
		"cinema"	Cinema	—	—	—	—	—	—	○	○	○	○	○	—	—	
		"vivid"	Vivid	—	—	—	—	—	—	—	—	○	—	—	—	—	
		"srgb"	sRGB	○ * FHZ120/ F1200 series only	—	—	—	—	—	○	○	—	○	○	—	—	
Resetting of image quality mode adjustment being selected	picture_mode_reset		Execution of reset	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_exec
Adjustment of contrast	contrast	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	menu_num
Adjustment of brightness	brightness	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of color depth	color	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of hue	hue	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of sharpness	sharpness	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of color temperature	color_temp	"9300K"	9300K	○	○	○	—	—	—	—	—	—	—	—	—	—	menu_sel
		"7500K"	7500K	○	○	○	—	—	—	—	—	—	—	—	—	—	
		"6500K"	6500K	○	○	○	—	—	—	—	—	—	—	—	—	—	
		"high"	High	—	—	—	○	○	○	○	○	○	○	○	○	○	
		"mid"	Middle	—	—	—	○	○	○	○	○	○	○	○	○	○	
		"mid2"	Middle 2	—	—	—	—	—	—	—	—	○	—	—	—	—	
		"low"	Low	—	—	—	○	○	○	○	○	○	○	○	○	○	
		"brt_priority"	Brightness priority <sup>*1</sup>	○	○	○	—	—	—	—	—	—	—	—	—	—	
		"brt_priority2"	Brightness priority 2	○	—	—	—	—	—	—	—	—	—	—	—	—	
		"custom1"	Custom 1	○	○	○	○	○	—	—	—	—	—	—	—	—	
		"custom2"	Custom 2	○	○	○	○	○	—	—	—	—	—	—	—	—	
		"custom3"	Custom 3	○	○	○	○	○	—	—	—	—	—	—	—	—	
		"custom4"	Custom 4	○	○	○	—	—	—	—	—	—	—	—	—	—	
Fine adjustment of custom color temperature Gain R	coltemp_gain_r	<val>		○	○	○	○	○	—	—	—	—	—	—	—	—	menu_num
Fine adjustment of custom color temperature Gain G	coltemp_gain_g	<val>		○	○	○	○	○	—	—	—	—	—	—	—	—	
Fine adjustment of custom color temperature Gain B	coltemp_gain_b	<val>		○	○	○	○	○	—	—	—	—	—	—	—	—	
Fine adjustment of custom color temperature Bias R	coltemp_bias_r	<val>		○	○	○	○	○	—	—	—	—	—	—	—	—	

\*1: VPL-FHZ120/FHZ90/F1200/F900 series is in "Brightness priority 1".

Function	Command	Selected value/numeric value	Remarks	VPL-*** series (***) means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300	
Fine adjustment of custom color temperature Bias G	coltemp_bias_g	<val>		○	○	○	○	○	–	–	–	–	–	–	–	–	menu_num
Fine adjustment of custom color temperature Bias B	coltemp_bias_b	<val>		○	○	○	○	○	–	–	–	–	–	–	–	–	
Selection of light source (light/lamp) mode	light_output_mode	"high"	High	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_sel
		"mid"	Standard	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"low"	Low	○	–	–	–	–	○	○	○	○	○	○	○	○	
		"auto"	Auto	–	–	–	○	–	○*	○	○	○	○	○	○	○	
		"custom"	Custom	○	○	○	○	–	–	–	–	–	–	–	–	–	
		"extended"	Extended	○	○	–	○	–	–	–	–	–	–	–	–	–	
Adjustment of custom output in light source (light/lamp) mode	light_output_val	<val>	Light output	○	○	○	○	–	–	–	–	–	–	–	–	–	menu_num
Selection of brightness constant mode	constant_brt	"on"	ON	○	○	–	○	–	○	○	○	○	○	○	○	○	menu_sel
		"off"	OFF	○	○	–	○	–	○	○	○	○	○	○	○	○	
Selection of light source dynamic mode	light_output_dyn	"on"	ON	○	○	–	–	–	–	–	–	–	–	–	–	–	
		"off"	OFF	○	○	–	–	–	–	–	–	–	–	–	–	–	
Selection of color space	color_space	"custom1"	Custom 1	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"custom2"	Custom 2	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"custom3"	Custom 3	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"custom4"	Custom 4	–	–	–	–	–	–	–	–	–	–	–	–	–	
Adjustment of chromaticity X axis (Cyan-Red) in color space	col_space_x	<val>	Specify the adjustment color from r/g/b with Suffix. Example) col_space_x --r 20  The chromaticity X axis of R (red) in color space is set to 20.	○	○	○	–	–	–	–	–	–	–	–	○	○	menu_num
Adjustment of chromaticity Y axis (Magenta-Green) in color space	col_space_y	<val>		○	○	○	–	–	–	–	–	–	–	–	○	○	
Selection of gamma mode	gamma_correction	"2.2"	2.2	○	○	○	–	–	–	–	–	–	–	–	○	○	menu_sel
		"2.4"	2.4	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"gamma3"	Gamma 3	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"gamma4"	Gamma 4	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"graphics1"	Graphics1	–	–	–	○	○	○	○	○	○	○	○	–	–	
		"graphics2"	Graphics2	–	–	–	○	○	○	○	○	○	○	○	–	–	
		"graphics3"	Graphics3	–	–	–	–	–	–	○	○	○	○	○*	–	–	
		"text"	Txt	–	–	–	○	○	○	–	–	–	–	○*	–	–	
		"dicom_sim"	DICOM GSDF Sim.	○	○	○	○	○	○	–	–	–	–	–	○	○	
Selection of film mode	film_mode	"auto"	Auto	○	○	○	○	○	–	–	–	–	–	–	–	–	menu_sel
		"off"	OFF	○	○	○	○	○	–	–	–	–	–	–	–	–	
Selection command of reality creation	real_cre	"on"	ON	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"off"	OFF	○	○	○	–	–	–	–	–	–	–	–	○	○	

※: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300	
Adjustment command of resolution of reality creation	real_cre_reso	<val>	Resolution	○	○	○	–	–	–	–	–	–	–	–	○	○	menu_num
Adjustment command of noise reduction of reality creation	real_cre_noise	<val>	Noise Filtering	○	○	○	–	–	–	–	–	–	–	–	○	○	
Selection command of contrast enhancer effect	contrast_enh	"high"	High	○	○	○	○	○	–	–	–	–	–	–	○	○	menu_sel
		"mid"	Middle	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"low"	Low	○	○	○	○	○	–	–	–	–	–	–	○	○	
		"off"	OFF	○	○	○	○	○	–	–	–	–	–	–	○	○	
Selection command of color correction	col_correction	"on"	ON	○	○	○	–	–	–	–	–	–	–	–	–	–	menu_num
		"off"	OFF	○	○	○	–	–	–	–	–	–	–	–	–	–	
Adjustment command of hue of color correction	col_corr_hue	<val>	Select the adjustment color from six colors (r/g/b/c/y/m) with Suffix. Example) col_corr_hue --r 20  Red is adjusted to 20.	○	○	○	–	–	–	–	–	–	–	–	–	–	
Adjustment command of Color depth of color correction	col_corr_color	<val>		○	○	○	–	–	–	–	–	–	–	–	–	–	
Adjustment command of color brightness of color correction	col_corr_brt	<val>		○	○	○	–	–	–	–	–	–	–	–	–	–	

Screen setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300	
Selection of video display aspect ratio	aspect	"4_3"	4:3	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_sel
		"16_9"	16:9	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"full1"	Full 1	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"full2"	Full 2	○	○	○	○	○	○	○*	○*	○*	○*	○*	○*	○*	
		"full3"	Full 3	–	–	–	–	–	○	○*	○*	○*	○*	○*	○*	○*	
		"normal"	Normal	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"full"	Full	○	○	○	○	○	○	○*	○*	○*	○*	○*	○*	○*	
		"zoom"	Zoom	○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of V center	v_center	<val>	Screen position up and down	○	○	○	○	○	–	–	–	–	–	–	–	–	menu_num
Adjustment of V size	v_size	<val>	Vertical Size	○	○	○	○	○	–	–	–	–	–	–	–	–	
Selection of overscan	overscan	"on"	ON	○	○	○	○	○	–	–	–	–	–	–	–	–	menu_sel
		"off"	OFF	○	○	○	○	○	–	–	–	–	–	–	–	–	
Execution of APA	apa_exec	–		○	○	○	○	○	○	○	○	○	○	○	○	○	menu_exec
Adjustment of video phase	pic_phase	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	menu_num
Adjustment of video pitch	pic_pitch	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of video shift (H)	pic_shift_h	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	
Adjustment of video shift (V)	pic_shift_v	<val>		○	○	○	○	○	○	○	○	○	○	○	○	○	

\*: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.

Function setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (***) means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Adjustment of volume	volume	<val>	Volume	–	○	○	–	○	○*	○*	○*	○*	○	○	○	○	menu_num
Adjustment of micro- phone volume	mic_volume	<val>	Microphone volume	–	–	–	–	–	○*	○*	○*	○*	○	○	–	○	
Selection of speaker	speaker	"on"	ON	–	–	–	–	–	○*	○*	○*	○*	○	○	○	○	menu_sel
		"off"	OFF	–	–	–	–	–	○*	○*	○*	○*	○	○	○	○	
Selection of speaker setting	speaker_setting	"sync_power"	SYNC power	–	–	–	–	–	○*	–	–	–	–	–	○	○	
		"always_on"	Always ON	–	–	–	–	–	○*	–	–	–	–	–	○	○	
Selection of smart APA	smart_apas	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of CC display	cc_display	"off"	OFF	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"cc1"	CC1	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"cc2"	CC2	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"cc3"	CC3	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"cc4"	CC4	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"text1"	Text1	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"text2"	Text2	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"text3"	Text3	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"text4"	Text4	–	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of back- ground	background	"blue"	Blue	○	○	○	○	○	–	–	–	–	–	–	–	–	
		"black"	Black	○	○	○	○	○	–	–	–	–	–	–	–	–	
		"image"	Image	○	○	○	○	○	–	–	–	–	–	–	–	–	
		"web_content"	Web content	○	–	–	–	–	–	–	–	–	–	–	–	–	
Selection of startup screen	startup_image	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	
Auto execution setting of color calibration	calibration_auto	"on"	ON	○	○	○	–	–	–	–	–	–	–	–	○	○	
		"off"	OFF	○	○	○	–	–	–	–	–	–	–	–	○	○	
Execution of color calibration	calibration_start	–		○	○	○	–	–	–	–	–	–	–	–	○	○	menu_exec
Return the color calibration value to the previous it.	calibration_return	–		○	○	○	–	–	–	–	–	–	–	–	○	○	
Reset of color calibra- tion	calibration_reset	–		○	○	○	–	–	–	–	–	–	–	–	○	○	


※: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.





Operation setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (***) means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Selection of display language	language	"english"	English	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_sel
		"dutch"	Dutch	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"french"	French	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"italian"	Italian	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"german"	German	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"spanish"	Spanish	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"portuguese"	Portuguese	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"greek"	Greek	○	○	○	○	-	○	○	○	○	○	○	○	○	
		"turkish"	Turkish	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"polish"	Polish	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"czech"	Czech	-	-	-	-	-	-	○	○	○	○	○	○	○	
		"slovak"	Slovak	-	-	-	-	-	-	○	○	○	○	○	○	○	
		"romanian"	Romanian	-	-	-	-	-	-	○	○	○	○	○	○	○	
		"hungarian"	Hungarian	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"russian"	Russian	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"finnish"	Finnish	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"swedish"	Swedish	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"norwegian"	Norwegian	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"japanese"	Japanese	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"chinese_s"	Simplified Chinese	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"chinese_t"	Traditional Chinese	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"korean"	Korean	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"thai"	Thai	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"vietnamese"	Vietnamese	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"indonesian"	Indonesian	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"arabic"	Arabic	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"persian"	Persian	○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of menu display position	menu_pos	"bottom_left"	Bottom left	○	○	○	○	○	○	-	-	-	-	-	○	○	
		"center"	Center	○	○	○	○	○	○	-	-	-	-	-	○	○	
Selection of screen display	status_disp	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"all_off"	All OFF	○	○	○	-	-	-	-	-	-	-	-	-	-	
Selection of remote control light receiving portion	ir_receiver	"front_rear"	Front and rear	○	○	○	○	○	○	-	-	-	-	-	○	-	
		"front"	Front	○	○	○	○	○	○	-	-	-	-	-	○	-	
		"rear"	Rear	○	○	○	○	○	○	-	-	-	-	-	○	-	
Selection of remote control ID	remote_id	"all"	All	○	○	○	○	○	-	-	-	-	-	-	-	-	
		"1"	1	○	○	○	○	○	-	-	-	-	-	-	-	-	
		"2"	2	○	○	○	○	○	-	-	-	-	-	-	-	-	
		"3"	3	○	○	○	○	○	-	-	-	-	-	-	-	-	
		"4"	4	○	○	○	○	-	-	-	-	-	-	-	-	-	
Selection of control key lock	controlkey_lock	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of lens con- trol lock	lens_lock	"on"	ON	○	○	○	○	-	-	-	-	-	-	-	-	-	
		"off"	OFF	○	○	○	○	-	-	-	-	-	-	-	-	-	

Connection/power setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (***) means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300	
Selection of HDBaseT/ LAN Port of HDBT setting	hdbt_lan_mode	"hdbt"	HDBaseT	—	—	—	—	—	○ <sup>*1</sup>	—	○ <sup>*1</sup>	○ <sup>*1</sup>	—	—	○	—	menu_sel
		"lan"	LAN	—	—	—	—	—	○ <sup>*1</sup>	—	○ <sup>*1</sup>	○ <sup>*1</sup>	—	—	○	—	
Selection of LAN setting of HDBT setting	hdbt_lan_term	"via_hdbt"	via HDBaseT	○	○	○	○ <sup>*2</sup>	—	—	—	—	—	—	—	—	—	
		"lan"	LAN terminal	○	○	○	○ <sup>*2</sup>	—	—	—	—	—	—	—	—	—	
Selection of HDBT/232C setting	hdbt_232c_term	"via_hdbt"	Via HDBaseT	○	○	○	○ <sup>*2</sup>	—	○ <sup>*1</sup>	—	○ <sup>*1</sup>	○ <sup>*1</sup>	—	—	○	—	
		"232c"	RS-232C	○	○	○	○ <sup>*2</sup>	—	○ <sup>*1</sup>	—	○ <sup>*1</sup>	○ <sup>*1</sup>	—	—	○	—	
Selection of signal type	signal_sel	"auto"	Auto	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"computer"	Computer	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"video_gbr"	Video GBR	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"component"	Component	○	○	○	○	○	○	○	○	○	○	○	○	○	
		Select the input terminal with Suffix. Example) signal_sel --rgb1 "computer"  Set Input-A terminal to "computer".		Only —rgb 1" can be specified.													
Selection of web content setting	web_content	"usb"	Via USB	○	—	—	—	—	—	—	—	—	—	—	—	—	
		"network"	Via network	○	—	—	—	—	—	—	—	—	—	—	—	—	
Selection of color system	color_sys	"auto"	Auto	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"ntsc358"	NTSC3.58	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"pal"	PAL	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"secam"	SECAM	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"ntsc443"	NTSC4.43	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"pal_m"	PAL-M	—	○	○	○	○	—	—	—	—	—	—	—	—	
		"pal_n"	PAL-N	—	○	○	○	○	—	—	—	—	—	—	—	—	
Selection of auto power saving (no signal)	powsave_nosig	"lampoff"	Lamp off	○	○	○	○	○	○	○	—	○	○	○	○	○	
		"sleep"	Sleep	—	—	—	—	—	—	—	○	—	—	—	—	—	
		"standby"	Standby	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of auto power saving (invariable signal)	powsave_statsig	"dimming"	Dimming	○	○	—	○	—	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	—	○	—	○	○	○	○	○	○	○	○	
Selection of auto power saving (invariable) dimming time	powsave_dim_time	"5min"	5 min	○	○	—	○	—	○	○	○	○	○	○	○	○	
		"10min"	10 min	○	○	—	○	—	○	○	○	○	○	○	○	○	
		"15min"	15 min	○	○	—	○	—	○	○	○	○	○	○	○	○	
		"20min"	20 min	○	○	—	○	—	○	○	○	○	○	○	○	○	
		"demo"	Demo	○	○	—	○	—	○	○	○	○	○	○	○	○	
Selection of standby mode	standby_mode	"standard"	Standard	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"low"	Low	○	○	○	○	○	○	○	○	○	○	○	○	○	
Selection of instant-on setting	instant_on	"off"	OFF	○	○	○	○	—	—	—	—	—	—	—	—	—	
		"10min"	10 min	○	○	○	○	—	—	—	—	—	—	—	—	—	
		"30min"	30 min	○	○	○	○	—	—	—	—	—	—	—	—	—	
Selection of direct power on	direct_powon	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○	

\*1: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.  
\*2: Enabled only when the supported option is installed.



Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)													Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/E500	S200	S600	P10/P500	U300	
Selection of digital input dynamic range	dynamic_range	"auto"	Auto	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	—	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/> *	<input type="radio"/>	<input type="radio"/>	menu_sel
		"limited"	Limited	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	—	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/> *	<input type="radio"/>	<input type="radio"/>	
		"full"	Full	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	—	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/> *	<input type="radio"/>	<input type="radio"/>	
		Select the input terminal with Suffix. Example) dynamic_range --dvi1 "full" 		--dvi1 --hdmi1 --hdbaset1 --option1 (--option1: FHZ120/F1200 only) can be specified.	--dvi1 --hdmi1 --hdbaset 1 can be specified.			—	--hdmi1 --hdmi2 --hdbaset*1 can be specified.	—	--hdmi1 --hdmi2 --hdbaset*1 can be specified.	--hdmi1 --hdmi2 --hdbaset*1 can be specified.	—	--hdmi1 can be speci- fied.	--hdmi1 --hdmi2 --hdbaset1	--hdmi1 --hdmi2	
Selection of digital long cable setting	digital_cable	"normal"	Normal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	—	—	—	—	—	—	—	—	—	
		"long"	Long	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	—	—	—	—	—	—	—	—	—	
		Select the input terminal with Suffix. Example) digital_cable --hdmi1 "long" 		Only --hdmi 1 can be specified.			—	—	—	—	—	—	—	—	—	—	

\*: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.

Installation setting function

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (***) means model name)														Type
				FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300		
Selection of V keystone mode	v_keystone_mode	"auto"	Auto	—	—	—	—	—	○	○	○	○	○	—	—	—	menu_sel	
		"manual "	Manual	—	—	—	—	—	○	○	○	○	○	—	—	—		
Adjustment of V key- stone	v_keystone	<val>		—	—	—	○	○	○	○	○	○	○	○	○	○	menu_num	
Adjustment of H key- stone	h_keystone	<val>		—	—	—	○	○	○	—	—	—	—	—	○	○		
Adjustment of V linearity	v_linearity	<val>		○	○	○	—	—	—	—	—	—	—	—	—	—		
Adjustment of H linearity	h_linearity	<val>		○	○	○	—	—	—	—	—	—	—	—	—	—		
Adjustment of V coordi- nate of corner keystone	corner_keystone_v	<val>		○	○	○	○	○	○	○	—	—	—	—	—	○		○
		Select the adjustment point from the following with Suffix. --top_left/--top_center/--top_right/- -center_left/--center_right/--bottom_ left/--bottom_center/--bottom_right  Example) corner_keystone_v --top_left -30↵ Move the upper left adjustment point to the lower by 30.	The following adjustment points can be specified. --top_left --top_center --top_right --center_left --center_right --bottom_left --bottom_center --bottom_right				The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right		—	—	—	—	—	The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right	The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right			
Adjustment of H coordi- nate of corner keystone	corner_keystone_h	<val>		○	○	○	○	○	○	○	—	—	—	—	—	○	○	
		Select the adjustment point from the following with Suffix. --top_left/--top_center/--top_right/- -center_left/--center_right/--bottom_ left/--bottom_center/--bottom_right  Example) corner_keystone_h --top_left 30↵ Move the upper left adjustment point to the right by 30.	The following adjustment points can be specified. --top_left --top_center --top_right --center_left --center_right --bottom_left --bottom_center --bottom_right				The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right		—	—	—	—	—	The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right	The following adjustment points can be specified. --top_left --top_right --bottom_left --bottom_right			
Resetting of screen fit adjustment	screen_fitting_reset			○	○	○	○	○	○	○	—	—	—	—	—	○	○	menu_exec
Selection of image split	image_split	"off"	OFF	○	○	○	—	—	—	—	—	—	—	—	—	—	—	menu_sel
		"left"	Left side	○	○	○	—	—	—	—	—	—	—	—	—	—		
		"right"	Right side	○	○	○	—	—	—	—	—	—	—	—	—	—		
Selection of image flip	image_flip	"hv"	HV	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
		"h"	H	○	○	○	○	○	○	○	○	○	○	○	○	○		
		"v"	V	○	○	○	○	○	○	○	○	○	○	○	○	○		
		"off"	OFF	○	○	○	○	○	○	○	○	○	○	○	○	○		
		"auto"	Auto	○	○	○	—	—	—	—	—	—	—	—	○	○		
Selection of install attitude	install_attitude	"link_imgflip"	Link to Image Flip	—	—	—	○	○	○	○	○	○	○	○	—	—		
		"rightsideup"	Right Side Up	—	—	—	○	○	○	○	○	○	○	○	—	—		
		"upsidedown"	Upside Down	—	—	—	○	○	○	○	○	○	○	○	—	—		
		"frontup"	Front Up	—	—	—	○	—	—	—	—	—	○	—	—			
		"frontdown"	Front Down	—	—	—	○	—	—	—	—	—	○	—	—			
		"portrait1"	Portrait 1	—	—	—	○	—	—	—	—	—	—	—	—			
		"portrait2"	Portrait 2	—	—	—	○	—	—	—	—	—	—	—	—			

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (** means model name)													Type
				FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300	
Selection of screen aspect	screen_aspect	"16_10"	16:10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	menu_sel
		"16_9"	16:9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	
		"4_3"	4:3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	
Adjustment of blanking	blanking	<val>	Blanking Select the adjustment position from top/bottom/ left/right with Suffix. Example) blanking --top 10 <input type="button" value="↵"/> The blanking top is set to 10.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_num
Adjustment of color matching (brightness)	color_matching_brt	<val>	Specify the adjustment level with Suffix. --lev1 (level 1) to --lev6 (level 6) Example) color_matching_brt --lev1 10 <input type="button" value="↵"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Adjustment of color matching (color) R	color_matching_r	<val>	The brightness of color matching level 1 is set to 10.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Adjustment of color matching (color) B	color_matching_b	<val>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Execution of reset for overall color matching adjust- ment	color_matching_reset		Color matching reset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	menu_exec
Adjustment of panel alignment (shift) R	panel_align_shift_adj_r	<val>	Select the shift direction from h (horizontal)/v (vertical) with Suffix. Example) panel_align_shift_adj_r --h 10 <input type="button" value="↵"/> The panel alignment (shift) R is adjusted by 10 in the horizontal direction.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	menu_num
Adjustment of panel alignment (shift) B	panel_align_shift_adj_b	<val>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Selection of pattern color during the adjust- ment of panel alignment menu	panel_align_pattern	"rgb"	R/G/B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	menu_sel
		"rg"	R/G	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
		"bg"	B/G	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Selection of ON/ OFF of panel alignment adjust- ment	panel_alignment	"on"	Panel alignment ON	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
		"off"	Panel alignment OFF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	
Execution of reset for overall panel alignment adjust- ment	panel_align_reset		Execute the reset of panel alignment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	<input type="radio"/>	<input type="radio"/>	menu_exec
Selection of ON/ OFF of blending adjustment	blend_sw	"on"	ON	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_sel
		"off"	OFF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	
		Select the adjustment position from top/bottom/left/right with Suffix. Example) blend_sw --top "on" <input type="button" value="↵"/> The blending adjustment of top is set to ON.					-	-	-	-	-	-	-	-	-	-	
Adjustment of blending start position	blend_start	<val>	Blending start position Select the adjustment position from top/bottom/ left/right with Suffix.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_num
Adjustment of blending adjust- ment width	blend_width	<val>	Example) blend_start --top 10 <input type="button" value="↵"/> The blending start position (top) is adjusted to 10.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	

Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)														Type
				FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300		
Adjustment of blending black level R offset	blend_bk_level_r	<val>	Specify the adjustment position from pos1 to pos9 with Suffix. Example) blend_bk_level_r --pos3 10  The blending black level R offset adjustment position 3 is set to 10.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_num	
Adjustment of blending black level G offset	blend_bk_level_g	<val>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
Adjustment of blending black level B offset	blend_bk_level_b	<val>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
Adjustment of blending black level Execution of reset	blend_bk_level_reset			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_exec	
Execution of reset for blending adjust- ment	blend_reset			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
Selection of cursor display during the blending adjust- ment	blend_cursor	"on"	ON	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	menu_sel	
		"off"	OFF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-			
Selection of pattern (marker) color during the blending adjust- ment	blend_cursor_color	"r"	Red	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		"g"	Green	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		"b"	Blue	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		"c"	Cyan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		"m"	Magenta	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		"y"	Yellow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-		
		Select the marker portion with Suffix. Example) blend_cursor_color --start "r"  The color of blending cursor (start position) is set to Red.			-	-	-	-	-	-	-	-	-	-	-	-		
Saving of lens position memory	pic_pos_save	"custom1"	Memory 1	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-	menu_exec	
		"custom2"	Memory 2	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom3"	Memory 3	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom4"	Memory 4	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom5"	Memory 5	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom6"	Memory 6	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
Deletion of lens position memory	pic_pos_del	"custom1"	Memory 1	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom2"	Memory 2	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom3"	Memory 3	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom4"	Memory 4	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom5"	Memory 5	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom6"	Memory 6	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
Selection of lens position memory	pic_pos_sel	"custom1"	Memory 1	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-	menu_sel	
		"custom2"	Memory 2	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom3"	Memory 3	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom4"	Memory 4	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom5"	Memory 5	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		
		"custom6"	Memory 6	<input type="radio"/>	-	-	-	-	-	-	-	-	-	-	-	-		



Function	Command	Selected value/ numeric value	Remarks	VPL-*** series (*** means model name)													Type
				FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/ P500	U300	
Selection of high altitude mode	high_alt_mode	"on"	ON	○	○	○	○	○	○	○	○	○	○	○	○	○	menu_sel
		"off"	OFF	–	○	○	○	○	○	○	○	○	○	○	○	○	
		"auto"	Auto	○	–	–	–	–	–	–	–	–	–	–	–	–	
Execution of filter cleaning (with the power turned off)	filter_cleaning			○	○	○	–	–	–	–	–	–	–	–	○*	○*	menu_exec
Selection of filter box	filter_box	"installed"	Installed	–	○	–	–	–	–	–	–	–	–	–	–	–	menu_sel
		"not_installed"	Not installed	–	○	–	–	–	–	–	–	–	–	–	–	–	

※: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.


2. Command example

(Classification is specified using menu\_sel command Suffix.)


Setting of value

Transmitting example: command --suffix "txt\_param1"  Sets the selected value of a parameter.  
Returning example: ok 



Inquiry of value:

Transmitting example: command --suffix ?  Acquires the selected value of a parameter that has been set.  
Returning example: "txt\_param1" 

Inquiry of value range:

Transmitting example: command --suffix ? --range  Acquires a list of parameter-selected values that can be set.  
  
Returning example: ["txt\_param1", "txt\_param2"] 

Inquiry of command information:

Transmitting example: command ? --suffix --info  Acquires the command information.  
Returning example: { "type": "sys\_sel", "version": "1.0", "range": ["txt\_param1", "txt\_param2"] }   
A command category, command version and a list of parameter-selected values that can be set using a command are returned as command information.



2-3. Remote Controller Key Command

2-3-1. Command Type: key

1. Command list

Function	Command	Parameter	Remarks
Pressing of remote control key	key	Refer to next page in a key code list.	–

2. Command example

key "menu"  Description: Press the MENU key.  
ok 

Key code list

Key code	Function	VPL-*** series (***) means model name)												
		FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
"power_on"	Power ON	○	○	○	○	○	○	○	○	○	○	○	○	○
"power_off"	Power OFF	○	○	○	○	○	○	○	○	○	○	○	○	○
"power"	Power toggle	○	○	○	○	○	○	○	○	○	○	○	○	○
"video"	Video	–	○	○	○	○	○	○	○	○	○	○	○	○
"s_video"	S video	–	–	–	○	○	○	○	○	○	○	○	–	○
"input_a"	Input A	○	○	○	○	○	○	○	○	○	○	○	○	○
"input_b"	Input B	○	○	○	○	○	○	○	○	○	○	○	○	○
"input_c"	Input C	○	○	○	○	○	○	○	○	○	○	○	○	○
"input_d"	Input D	○	○	○	○	○	○	○	○	○	○	○	○	○
"input_e"	Input E	○	–	–	○	○	○	○	○	○	○	○	○	○
"input_f"	Input F	○ (FHZ120/ F1200 series only)	–	–	–	–	○*	○	○	○	○	○	○	○
"input_g"	Input G	○	–	–	–	–	–	–	○	○	–	–	–	–
"input_h"	Input H	–	–	–	–	–	–	–	○*	○*	–	–	–	–
"input"	Input toggle	○	○	○	○	○	○	○	○	○	○	○	○	○
"blank"	Video muting	–	○	○	○	○	○	○	○	○	○	○	○	○
"muting"	Audio muting	–	○	○	–	○	○*	○*	○*	○*	○	○	○	○
"vol+"	Volume +	–	○	○	–	○	○*	○*	○*	○*	○	○	○	○
"vol–"	Volume –	–	○	○	–	○	○*	○*	○*	○*	○	○	○	○
"menu"	Menu	○	○	○	○	○	○	○	○	○	○	○	○	○
"right"	Cursor [→]	○	○	○	○	○	○	○	○	○	○	○	○	○
"left"	Cursor [←]	○	○	○	○	○	○	○	○	○	○	○	○	○
"up"	Cursor [↑]	○	○	○	○	○	○	○	○	○	○	○	○	○
"down"	Cursor [↓]	○	○	○	○	○	○	○	○	○	○	○	○	○
"enter"	Enter	○	○	○	○	○	○	○	○	○	○	○	○	○
"reset"	Reset	○	○	○	○	○	○	○	○	○	○	○	○	○
"return"	Return	○	○	○	○	○	○	○	○	○	○	○	○	○
"picmode1"	Picture quality mode Dynamic	○	○	○	○	○	○	○	○	○	○	○	○	○
"picmode2"	Picture quality mode Standard	○	○	○	○	○	○	○	○	○	○	○	○	○
"picmode3"	Picture quality mode Luminance priority or presentation	○	○	○	○	○	○	○	○	○	○	○	○	○
"picmode4"	Picture quality mode Multi-screen or blackboard	○	○	○	–	–	–	○	○	○	○	○	–	–
"picmode5"	Picture quality mode Whiteboard, game or sRGB	○	–	–	–	–	–	○	○	○	○	○	–	–
"picmode6"	Picture quality mode Cinema	–	–	–	–	–	–	○	○	○	○	○	–	–
"picmode"	Picture quality mode toggle	○	○	○	○	○	○	○	○	○	○	○	○	○
"picture+"	Contrast +	○	○	○	○	○	○	○	○	○	○	○	○	○
"picture–"	Contrast –	○	○	○	○	○	○	○	○	○	○	○	○	○
"color+"	Color depth +	○	○	○	○	○	○	○	○	○	○	○	○	○
"color–"	Color depth –	○	○	○	○	○	○	○	○	○	○	○	○	○
"bright+"	Brightness +	○	○	○	○	○	○	○	○	○	○	○	○	○
"bright–"	Brightness –	○	○	○	○	○	○	○	○	○	○	○	○	○
"hue+"	Hue +	○	○	○	○	○	○	○	○	○	○	○	○	○
"hue–"	Hue –	○	○	○	○	○	○	○	○	○	○	○	○	○

※: Some models are not provided with the function. Check the Operating Instructions supplied with this unit.



Key code	Function	VPL-*** series (** means model name)												
		FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
"sharpness+"	Sharpness +	○	○	○	○	○	○	○	○	○	○	○	○	○
"sharpness–"	Sharpness –	○	○	○	○	○	○	○	○	○	○	○	○	○
"picture_adj"	Picture quality adjustment toggle	○	○	○	○	○	○	○	○	○	○	○	○	○
"color_temp"	Color temperature toggle	○	○	○	○	○	○	○	○	○	○	○	○	○
"color_mode"	Color space toggle	○	○	○	–	–	–	–	–	–	–	–	○	○
"black_level"	Contrast enhancer toggle	○	○	○	○	○	–	–	–	–	–	–	○	○
"aspect"	ASPECT	○	○	○	○	○	○	○	○	○	○	○	○	○
"apa"	APA	○	○	○	○	○	○	○	○	○	○	○	○	○
"phase"	Phase	○	○	○	○	○	○	○	○	○	○	○	○	○
"video_size"	Pitch	○	○	○	○	○	○	○	○	○	○	○	○	○
"video_shift"	Shift	○	○	○	○	○	○	○	○	○	○	○	○	○
"status_on"	Screen display ON	○	○	○	○	○	○	○	○	○	○	○	○	○
"status_off"	Screen display OFF	○	○	○	○	○	○	○	○	○	○	○	○	○
"lens_control"	Lens toggle	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_focus"	Lens focus	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_focus_far"	Lens focus far	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_focus_near"	Lens focus near	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_zoom"	Lens zoom	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_zoom_up"	Lens zoom +	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_zoom_down"	Lens zoom –	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_shift"	Lens shift	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_shift_up"	Lens shift up	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_shift_down"	Lens shift down	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_shift_left"	Lens shift left	○	○	○	○	–	–	–	–	–	–	–	–	–
"lens_shift_right"	Lens shift right	○	○	○	○	–	–	–	–	–	–	–	–	–
"twin"	TWIN	○	○	○	○	○	–	–	–	–	–	–	–	–
"freeze"	Freeze	○	○	○	○	○	○	○	○	○	○	○	○	○
"d_zoom+"	Digital zoom +	○	○	○	○	○	○	○	○	○	○	○	○	○
"d_zoom–"	Digital zoom –	○	○	○	○	○	○	○	○	○	○	○	○	○
"keystone"	Keystone	○	○	○	○	○	○	○	○	○	○	○	○	○
"keystone+"	V Keystone +	○	○	○	○	○	○	○	○	○	○	○	○	○
"keystone–"	V Keystone –	○	○	○	○	○	○	○	○	○	○	○	○	○
"pattern"	Test pattern	○	○	○	○	○	○	○	○	○	○	○	○	○
"eco"	ECO mode	–	○	○	○	○	○	○	○	○	○	○	○	○
"lens_position"	Lens position	○	–	–	–	–	–	–	–	–	–	–	–	–

2-4. Advanced Adjustment Command

The following is the ADCP command correspondence list to be used for the advanced adjustment for the experts.  
The type of a command is classified as follows.

Adjustment command type for experts

Command type	Function	VPL-*** series (***) means model name)												
		FHZ120/ FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	FHZ700/ F700HZ	FH30/ F400H/ F500H	C300	E200	E300	E400/ E500	S200	S600	P10/P500	U300
warp	Used in the warp adjustment	○	○	○	—	—	—	—	—	—	—	—	—	—
area_bk_level	Used in the zone black level/zone fitting adjustment	○	○	○	—	—	—	—	—	—	—	—	—	—
panel_align_zone	Used in the panel alignment zone adjustment	○	○	○	—	—	—	—	—	—	—	—	—	—
user_gamma	Used in the gamma table adjustment	○	○	○	—	—	—	—	—	—	—	—	—	—
color_gamut	Used in the color space adjustment	○	○	○	—	—	—	—	—	—	—	—	—	—
pattern_sel/pattern_pos	Displays the adjustment test pattern for experts	○	○	○	—	—	—	—	—	—	—	—	—	—

2-4-1. Command Type: warp

By optional designation, the command of a warp command type can transmit, reflect and acquire the warp adjustment values, and acquire the command information.  
For example, the following formats are used.

Transmission of value

After transmitting the adjustment value for the warp adjustment point, the value is reflected on the image by transmitting the reflection command. The format of range and value is described as the JSON array data.

Direct value

Transmitting example:

warp [1,2] --pos=[1,2,3,4] --ch=w

Sets all adjustment points to the value (x, y) = [1, 2] in the range from the upper left (x=1, y=2) to the lower right (x=3, y=4) on the coordinate of the warp adjustment point. Specifies w (White) (--ch = w) that is common in R/G/B as the warp adjustment channel.

Returning example:

ok

Relative value

Transmitting example:

warp --rel=[1,2] --pos=[1,2,3,4] --ch=w

Adds (x, y)=[1, 2] to all adjustment values of adjustment points in the range from the upper left (x=1, y=2) to the lower right (x=3, y=4) on the coordinate of the warp adjustment point.

Returning example:

ok

Table value

Transmitting example:

warp [[1,2],[3,4],[5,6],[7,8]] --pos=[1,1,2,2] --ch=w

Sets the adjustment points respectively as follows in the range from the upper left (x=1, y=1) to the lower right (x=2, y=2) on the coordinate of the warp adjustment point.

Coordinate of adjustment point (x, y)		Adjustment value [x, y]
(1, 1)	→	[1, 2]
(2, 1)	→	[3, 4]
(1, 2)	→	[5, 6]
(2, 2)	→	[7, 8]

Returning example:

ok

Reset value		
Transmitting example:	warp --reset --pos=[1,1,64,40] --ch=w	Sets all adjustment points to the initial value in the range from the upper left (x=1, y=1) to the lower right (x=64, y=40) on the coordinate of the warp adjustment point.
Returning example:	ok	
Reflection of value		
Reflects the transmitted warp adjustment value on the screen.		
Transmitting example:	warp --apply	
Returning example:	ok	
Acquisition of value		
Transmitting example:	warp ? --pos=[1,1,3,3] --ch=w	Inquires the adjustment value of the adjustment points in the range from the upper left (1, 1) to the lower right (3, 3) as the coordinate (x, y) of the warp adjustment point.
Returning example:	[[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0]]	
	Returns the warp adjustment value of each adjustment point in the specified area in the JSON array format.	
Acquisition of command information		
Transmitting example:	warp ? --info	Inquires the command information.
Returning example:	{ "type": "warp", "version": "1.0", "range": { "pos": [1,1,64,40], "adj": [{ "min": -16384, "max": 49151, "step": 1 }, { "min": -16384, "max": 49151, "step": 1 } ], "adj_step_per_dot": [16,16], "pos_pitch": [32,32], "pos_offset": [0,0], "limit_angle": [35,35], "limit_macro_scale": [{ "min": 0.500000, "max": 5 }, { "min": 0.500000, "max": 5 } ], "limit_micro_scale": [{ "min": 0.083333, "max": 5 }, { "min": 0.083333, "max": 5 } ], "ch": ["w"] } }	
The following range information is returned as “range”.		
pos	Maximum specified range of adjustment point (upper left coordinate x, y to lower right coordinate x, y)	
adj	Maximum adjustment range in the x-axis direction (minimum and maximum moving amount, step) and y-axis direction (minimum and maximum moving amount, step)	
adj_step_per_dot	Adjustment value (x, y) for moving 1 pixel on the screen	
pos_pitch	Pixel pitch (x, y) of adjustment point on the screen	
pos_offset	Offset pixel amount (x, y) of adjustment point (x, y=1, 1) from the upper left corner of the screen	
limit_angle	Maximum inclination absolute angular (x-axis, y-axis) of the line segment connecting the adjustment points	
limit_macro_scale	Maximum scaling (x-axis, y-axis) of the entire screen	
limit_micro_scale	Maximum scaling (x-axis, y-axis) of the line segment connecting the adjustment points	
ch	Choice of adjustment channel	

2-4-2. Command Type: area\_bk\_level

By optional designation, the command of an area\_bk\_level command type can transmit, reflect and acquire the zone black level/zone fitting adjustment values, and acquire the command information. For example, the following formats are used.



2-4-3. Command Type: panel\_align\_zone

By optional designation, the command of a panel\_align\_zone command type can transmit, reflect and acquire the panel alignment zone adjustment values, and acquire the command information.  
For example, the following formats are used.

Transmission of value		
After transmitting the adjustment value for the panel alignment zone adjustment point, the value is reflected on the image by transmitting the reflection command. The format of range and value is described as the JSON array data.		
Direct value		
Transmitting example:	panel_align_zone	[1,2] --pos=[1,2,3,4] --ch=r
Returning example:	ok	
Relative value		
Transmitting example:	panel_align_zone	--rel=[1,2] --pos=[1,2,3,4] --ch=r
Returning example:	ok	
Table value		
Transmitting example:	panel_align_zone	[[1,2],[3,4],[5,6],[7,8]] --pos=[1,1,2,2] --ch=r
Returning example:	ok	
Reset value		
Transmitting example:	panel_align_zone	--reset --pos=[1,1,16,10] --ch=r
Returning example:	ok	
Reflection of value		
Reflects the transmitted panel alignment zone adjustment value on the screen.		
Transmitting example:	panel_align_zone	--apply
Returning example:	ok	

Acquisition of value													
Transmitting example:	<code>panel_align_zone ? --pos=[1,1,3,3] --ch=r</code> <a href="#">[E]</a> Inquires the adjustment value of the adjustment points of red channel in the range from the upper left (1, 1) to the lower right (3, 3) as the coordinate (x, y) of the panel alignment zone adjustment point.												
Returning example:	<code>[[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0],[0,0]]</code> <a href="#">[E]</a> Returns the panel alignment zone adjustment value of each adjustment point in the specified area in the JSON array format.												
Acquisition of command information													
Transmitting example:	<code>panel_align_zone ? --info</code> <a href="#">[E]</a> Inquires the command information.												
Returning example:	<code>{"type":"panel_align_zone","version":"1.0","range":{"pos":[1,1,16,10], "adj":[{"min":-20,"max":20,"step":1},{ "min":-20,"max":20,"step":1}], "adj_step_per_dot":[10,10], "pos_pitch":[128,128], "pos_offset":[0,24], "ch":["r","b"] }}</code> <a href="#">[E]</a>  The following range information is returned as “range”. <table><tr><td>pos</td><td>Maximum specified range of adjustment point (upper left coordinate x, y to lower right coordinate x, y)</td></tr><tr><td>adj</td><td>Maximum adjustment range in the x-axis direction (minimum and maximum moving amount, step), y-axis direction (minimum and maximum moving amount, step)</td></tr><tr><td>adj_step_per_dot</td><td>Adjustment value (x, y) for moving 1 pixel on the screen</td></tr><tr><td>pos_pitch</td><td>Pixel pitch (x, y) of adjustment point on the screen</td></tr><tr><td>pos_offset</td><td>Offset pixel amount( x, y) of adjustment point (x, y=1, 1) from the upper left corner of the screen</td></tr><tr><td>ch</td><td>Choice of adjustment channel</td></tr></table>	pos	Maximum specified range of adjustment point (upper left coordinate x, y to lower right coordinate x, y)	adj	Maximum adjustment range in the x-axis direction (minimum and maximum moving amount, step), y-axis direction (minimum and maximum moving amount, step)	adj_step_per_dot	Adjustment value (x, y) for moving 1 pixel on the screen	pos_pitch	Pixel pitch (x, y) of adjustment point on the screen	pos_offset	Offset pixel amount( x, y) of adjustment point (x, y=1, 1) from the upper left corner of the screen	ch	Choice of adjustment channel
pos	Maximum specified range of adjustment point (upper left coordinate x, y to lower right coordinate x, y)												
adj	Maximum adjustment range in the x-axis direction (minimum and maximum moving amount, step), y-axis direction (minimum and maximum moving amount, step)												
adj_step_per_dot	Adjustment value (x, y) for moving 1 pixel on the screen												
pos_pitch	Pixel pitch (x, y) of adjustment point on the screen												
pos_offset	Offset pixel amount( x, y) of adjustment point (x, y=1, 1) from the upper left corner of the screen												
ch	Choice of adjustment channel												

2-4-4. Command Type: user\_gamma

By optional designation, the command of a user\_gamma command type can transmit, reflect and acquire the gamma curve adjustment values, and acquire the command information.  
For example, the following formats are used.

Transmission of value

After transmitting the adjustment value for the gamma curve adjustment point, the value is reflected on the image by transmitting the reflection command. The format of range and value is described as the JSON array data.

Note

For the gamma curve, it is required to set to the value that is “equal to or greater than” the adjustment value of all adjustment points located in the black side of the adjustment point.

Direct value

Transmitting example: user\_gamma 0 --sel=gamma3 --pos=[0,63] --ch=r🔗  
Sets all adjustment points of red channel to the value “0” in the range from the adjustment point “0” to “63” of the gamma curve “gamma3”. Specifies red (--ch=r), green (--ch=g) or blue (--ch=b) as the gamma curve adjustment channel.

Returning example: ok🔗

Relative value

Transmitting example: user\_gamma --rel=10 --sel=gamma4 --pos=[0,60] --ch=r🔗  
Adds “10” to all adjustment points of red channel in the range from the adjustment point “0” to “60” of the gamma curve “gamma4”.

Returning example: ok🔗

Table value

Transmitting example: user\_gamma [1,2,3,4,5] --sel=gamma4 --pos=[0,4] --ch=g🔗  
Sets the adjustment points of green channel respectively as follows in the range from the adjustment point “0” to “4” of the gamma curve “gamma4”.

Adjustment point Adjustment value

0 → 1

1 → 2

2 → 3

3 → 4

4 → 5

Returning example: ok🔗

Reset value

Transmitting example: user\_gamma --reset --sel=gamma3 --pos=[0,63] --ch=r🔗  
Sets all adjustment points of red channel to the initial value in the range from the adjustment point “0” to “63” of the gamma curve “gamma3”.

Returning example: ok🔗

Reflection of value	
Reflects the transmitted gamma curve adjustment value on the screen.	
Transmitting example:	<code>user_gamma --apply</code>
Returning example:	<code>ok</code>
Acquisition of value	
Transmitting example:	<code>user_gamma ? --sel=gamma3 --pos=[0,4] --ch=r</code> Inquires the adjustment points of red channel in the range from the adjustment point “0” to “4” of the gamma curve “gamma3”.
Returning example:	<code>[1,2,3,4,5]</code> Returns the gamma curve adjustment value of each adjustment point in the specified area in the JSON array format.
Acquisition of command information	
Transmitting example:	<code>user_gamma ? --info</code> Inquires the command information.
Returning example:	<pre>{ "type": "user_gamma", "version": "1.0",   "sel": [ "2.2", "2.4", "gamma3", "gamma4", "dicom" ],   "range": {     "pos": { "min": 0, "max": 63 },     "adj": { "min": 0, "max": 1023, "step": 1 },     "ch": [ "r", "g", "b" ]   } }</pre> Returns the choice of gamma curve that can be adjusted as “sel”.   The following range information is returned as “range”. pos    Maximum specified range of adjustment point adj    Maximum adjustment range ch     Choice of adjustment channel

2-4-5. Command Type: color\_gamut

The command of a color\_gamut command type can acquire the color gamut selected in color space.

Acquisition of value	
Transmitting example:	<code>color_gamut ? --sel=custom1</code> Inquires the color gamut of color space custom1.
Returning example:	<code>[[0.640000,0.330000],[0.280000,0.638000],[0.142000,0.035000]]</code> Returns the CIE xy chromaticity of R/G/B in the specified color space as the data [[Rx, Ry], [Gx, Gy], [Bx, By]] of the JSON array format.
Acquisition of command information	
Transmitting example:	<code>color_gamut ? --info</code> Inquires the command information.
Returning example:	<pre>{ "type": "color_gamut", "version": "1.0",   "sel": [ "original", "custom1", "custom2", "custom3" ],   "range": {     "adj": { "min": 0, "max": 1 },     "ch": [ "r", "g", "b" ]   } }</pre> Returns the choice of color space that can be adjusted as “sel”.   The following range information is returned as “range”. adj    Maximum range of adjustment value ch     Acquirable color channel included in the chromaticity table



2-4-6. Command Type: pattern\_sel/pattern\_pos

The command of a pattern\_sel\_pattern\_pos command type can display the test pattern for various adjustments.


Note

The menu display and the message display on the screen may not be displayed correctly while the test pattern is displayed.

Command name: In the case of “command”, the following command formats are used.

Command type		pattern_sel	pattern_pos (In the case of set coordinate=<x, <y> and coordinate range <x1><y1> to <x2>, <y2>)
Setting of value	Transmitting side	command "item1"	command [<x>, <y>]
	Returning side	ok	ok
Inquiry of value	Transmitting side	command ?	command ?
	Returning side	"item1"	[<x>, <y>]
Inquiry of value range	Transmitting side	command ? --range	command ? --range
	Returning side	["item1", "item2"]	[{"min":<x1>, "max":<x2>}, {"min":<y1>, "max":<y2>}]
Inquiry of command information	Transmitting side	command ? --info	command ? --info
	Returning side	{"type":"pattern_sel", "version":"1.0", "range":["item1", "item2"]}	{"type":"pattern_sel", "version":"1.0", "range":[{"min":<x1>, "max":<x2>}, {"min":<y1>, "max":<y2>}]}

1. Command list

Function	Command	Selected value/ numeric value	Remarks	VPL***series (** means model name)			Type
				FHZ120/FHZ90/ F1200/F900	FHZ60/FHZ50/FWZ60/ F630HZ/F530HZ/F430HZ/ F630WZ/F530WZ	FH60/FW60/ F530H/F630H/ F630W/F530W	
Displays the cursor for blending adjustment.	pat_blend_cursor	"on" "off"	Specify the display position from top/bottom/left/right with Suffix. Example) pat_blend_cursor --top "on"  The cursor display on the upper portion of the screen is set to ON.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	pattern_sel
Displays the flat field pattern for color space adjustment.	pat_color_space	"r" "g" "b" "w" "off"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the pointer for warp adjustment.	pat_warp_cursor	"on" "off"	When the display position is not specified, display the cursor in the adjustment point [0. 0].	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the cursor in the panel alignment zone adjustment point.	pat_panel_align_zone_cursor	"rg" "bg" "rgb" "off"	When the display position is not specified, display the cursor in the adjustment point [1. 1].	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the pointer in the zone black level/ zone fitting adjustment points.	pat_area_bk_level_cursor	"on" "off"	When the display position is not specified, display the cursor in the adjustment point [0. 0].	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the crosshatch pattern in the warp adjustment point.	pat_warp_cross_hatch	"r" "g" "b" "w" "g_inv" "off"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the flat field pattern for color matching adjustment.	pat_color_matching	"lev1" "lev2" "lev3" "lev4" "lev5" "lev6" "off"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the flat field pattern for zone black level adjustment.	pat_area_bk_level	"on" "off"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	pattern_pos
Specifies the display position of the cursor for warp adjustment.	pat_warp_cursor	[<x>, <y>]	Upper left of OSD (0, 0), left and upper “–”, right and lower “+” Specify with the x, y coordinate before warp adjustment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Specifies the display position of the cursor for panel alignment zone adjustment.	pat_panel_align_zone_cursor_pos	[<x>, <y>]	Upper left of OSD (1, 1), left and upper “–”, right and lower “+” Specify with the x, y coordinate of the adjustment point.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Displays the pointer in the zone black level/ zone fitting adjustment points. (Specifies the position)	pat_area_bk_level_cursor_pos	[<x>, <y>]		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

3. Network Communication

The ports used in the unit are as shown below.

VPL-FHZ50/FHZ60/FWZ60/F630HZ/F530HZ/F430HZ/F630WZ/F530WZ/FH60/F630H/F530H/F630W/F530W series

Protocol/function	Port No.	Service state at the factory	Setting change enabled/disabled	
			Service ON/OFF	Port No.
SDAP	UDP:53862	ON	Enabled	Enabled
ADCP	TCP:53595	ON	Enabled	Enabled
SMTP	TCP:25	OFF	Enabled by mail setting	Disabled
POP3	TCP:110	OFF	Enabled by mail setting	Disabled
SNMP	UDP:161	ON	Disabled	Disabled
DDDP	UDP:9131	ON	Disabled	Disabled
PJLink	TCP:4352	ON	Enabled	Disabled
CIP	TCP:41794	ON	Disabled	Enabled

VPL-FH30/F400H/FHZ700/F700HZ series

Protocol/function	Port No.	Service state at the factory	Setting change enabled/disabled	
			Service ON/OFF	Port No.
SDAP	UDP:53862	OFF	Enabled	Enabled
ADCP	TCP:53595	ON	Enabled	Enabled
SMTP	TCP:25	OFF	Enabled by mail setting	Disabled
POP3	TCP:110	OFF	Enabled by mail setting	Disabled
SNMP	UDP:161	ON	Disabled	Disabled
DDDP	UDP:9131	OFF	Disabled	Disabled
PJLink	TCP:4352	OFF	Enabled	Disabled
CIP	TCP:41794	ON	Disabled	Enabled

VPL-C300/E200/E300/S200/S600/P10/P500/U300 series

Protocol/function	Port No.	Service state at the factory	Setting change enabled/disabled	
			Service ON/OFF	Port No.
SDAP	UDP:53862	OFF	Enabled	Enabled
ADCP	TCP:53595	ON	Enabled	Enabled
SMTP	TCP:25	OFF	Enabled by mail setting	Disabled
POP3	TCP:110	OFF	Enabled by mail setting	Disabled
DDDP	UDP:9131	OFF	Disabled	Disabled
PJLink	TCP:4352	ON	Enabled	Disabled
CIP	TCP:41794	ON	Disabled	Enabled

4. Model List

VPL-C300 Series

VPL-CH350  
VPL-CH353  
VPL-CH355  
VPL-CH358  
VPL-CH370  
VPL-CH373  
VPL-CH375  
VPL-CH378

VPL-E200 Series

VPL-EW235  
VPL-EW236  
VPL-EW255  
VPL-EW256  
VPL-EW295  
VPL-EW296  
VPL-EX230  
VPL-EX231  
VPL-EX233  
VPL-EX234  
VPL-EX235  
VPL-EX250  
VPL-EX251  
VPL-EX253  
VPL-EX254  
VPL-EX255  
VPL-EX283  
VPL-EX290  
VPL-EX291  
VPL-EX293  
VPL-EX294  
VPL-EX295

VPL-E300 Series

VPL-EW315  
VPL-EW345  
VPL-EW348  
VPL-EX310  
VPL-EX315  
VPL-EX340  
VPL-EX345

VPL-E400 Series

VPL-EW435  
VPL-EW455  
VPL-EX430  
VPL-EX433  
VPL-EX435  
VPL-EX450  
VPL-EX453  
VPL-EX455

VPL-E500 Series

VPL-EW578  
VPL-EW575  
VPL-EX570  
VPL-EX573  
VPL-EX575

VPL-F400H Series

VPL-F401H

VPL-F430HZ Series

VPL-F430HZ  
VPL-F431HZ  
VPL-F435HZ  
VPL-F436HZ  
VPL-F435HZL  
VPL-F436HZL

VPL-F530H Series

VPL-F530H  
VPL-F535H

VPL-F530HZ Series

VPL-F530HZ  
VPL-F531HZ  
VPL-F535HZ  
VPL-F536HZ  
VPL-F535HZL  
VPL-F536HZL

VPL-F530W Series

VPL-F530W  
VPL-F535W

VPL-F530WZ Series

VPL-F530WZ  
VPL-F535WZ

VPL-F630H Series

VPL-F630H  
VPL-F635H

VPL-F630HZ Series

VPL-F630HZ  
VPL-F631HZ  
VPL-F635HZ  
VPL-F636HZ

VPL-F630W Series

VPL-F630W  
VPL-F635W

VPL-F630WZ Series

VPL-F630WZ  
VPL-F635WZ

VPL-F700HZ Series

VPL-F720HZL  
VPL-F725HZL

VPL-FH30 Series

VPL-FH31

VPL-FH60 Series

VPL-FH60  
VPL-FH65

VPL-FHZ50 Series

VPL-FHZ57  
VPL-FHZ58

VPL-FHZ60 Series

VPL-FHZ60  
VPL-FHZ61  
VPL-FHZ65  
VPL-FHZ66

VPL-FHZ700 Series

VPL-FHZ700L

VPL-FW60 Series

VPL-FW60  
VPL-FW65

VPL-FWZ60 Series

VPL-FWZ60  
VPL-FWZ65

VPL-S200 Series

VPL-SW225  
VPL-SW235  
VPL-SX226  
VPL-SX236

VPL-S600 Series

VPL-SW631  
VPL-SW631C  
VPL-SW636C  
VPL-SX621  
VPL-SX631

VPL-P10 Series

VPL-PHZ10  
VPL-PWZ10  
VPL-PXZ10

VPL-P500 Series

VPL-P500HZ  
VPL-P500WZ  
VPL-P500XZ

VPL-U300 Series

VPL-U300WZ

VPL-FHZ120 Series

VPL-FHZ120L

VPL-FHZ90 Series

VPL-FHZ90L

VPL-F1200 Series

VPL-F1200ZL  
VPL-F1205ZL

VPL-F900 Series

VPL-F900ZL  
VPL-F905ZL

Note

Note that the model that is not listed in the above table is not supported even if it is the model in the product series.



