Add BKG/LOGO

Before adding a BKG or LOGO please firstly import the BKG or LOGO images into the device. The procedure of adding a LOGO is the same as that of adding a BKG. Here take adding a BKG to illustrate.
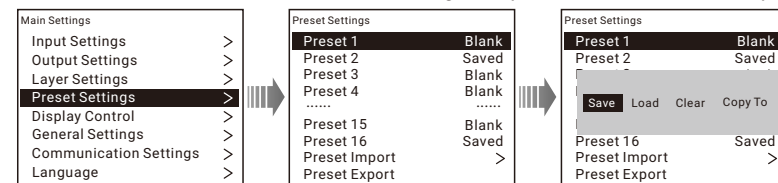
Step 1   On the main menu screen, choose **Layer Settings > BKG > Status**, and then select **On**.

Step 2   On the BKG screen, select **Type** to select the BKG type.
- When **Image** is selected, go to **Step 3**.
- When **Pure Color** is selected, go to **Step 4**.

Note
LOGO supports images only.

Step 3   Select **Image BKG**, and then select **Image**.

Step 4   Select **Pure Color BKG**, and then customize the desired color by adjusting the **R**, **G** and **B** values individually.

Save Presets

The 4K ViewPro supports up to 16 user presets. When the settings of main layer, PIP, BKG and LOGO are completed, save the settings as a preset for easy use in future.

Step 1   On the main menu screen, select **Preset Settings** and press the knob to enter the preset screen.

Main Settings	
Input Settings	>
Output Settings	>
Layer Settings	>
Preset Settings	>
Display Control	>
General Settings	>
Communication Settings	>
Language	>

Preset Settings	
Preset 1	Blank
Preset 2	Saved
Preset 3	Blank
Preset 4	Blank
......	......
Preset 15	Blank
Preset 16	Saved
Preset Import	>
Preset Export	

Preset Settings	
Preset 1	Blank
Preset 2	Saved
Save Load Clear Copy To	
Preset 16	Saved
Preset Import	
Preset Export	

Step 2   Select a preset name and press the knob to open the preset operations window.

Step 3   Select **Save**, and then press the knob to save the current settings to the selected preset.

Load Presets

Step 1   On the main menu screen, select **Preset Settings** and press the knob to enter the preset screen.

Step 2   Select a preset name and press the knob to open the preset operations window.

Step 3   Select **Load**, and then press the knob to load the selected preset to the screen.

*The user interface pictures given in this guide are used for illustration purposes only. The actual user interface may vary slightly due to product enhancement. The content of the pictures can be slightly different from reality.

Web Operations

The 4K ViewPro supports Web control through a PC or mobile terminal. You can set the device-related parameters simply by using a browser. The settings are the same as menu operations.
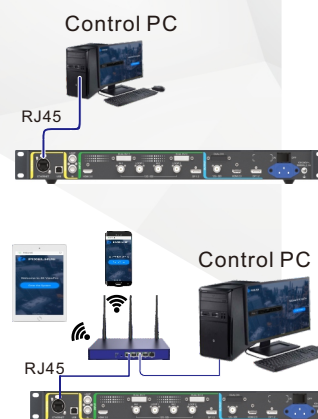
Recommended browsers:
- Chrome 50 or above
- Safari 10 or above
- Firefox 45 or above
- Internet Explorer 10.0 or above

Note
When a PC or mobile terminal is used to control the device, the device front panel buttons are locked and a lock icon appears on the front panel screen.

Connections

The hardware connections the Web control requires can be established via two ways.

- **Ethernet cable**

  Connect the Ethernet port of the control PC with that of the device with an RJ45 cable.

- **Router**
  - Connect the Ethernet port of the device with a LAN port of the router, and connect the Ethernet port of the control PC with a LAN port of the router.
  - Connect the mobile terminal to the router through WiFi network.

Control PC

RJ45

Control PC

RJ45

Web Interface

Open one of the recommended browser and type "**http:// the device IP address**". Press the **Enter** key to automatically jump to the Web control page.

The parameters, value ranges of parameters and functions are all the same as the device menu, but the operation methods vary.

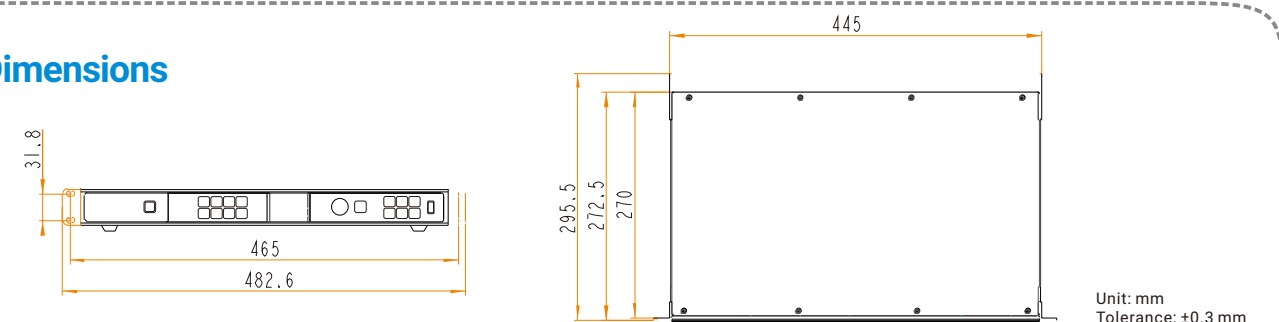For the specific Web menu operations, please refer to **4K ViewPro User Manual**.

PIXELHUE

4K ViewPro
Video Processor
Quick Start Guide

Front Panel

1   2   3   4   5   6   7

*The product pictures shown in this guide are for illustration purpose only. Actual product may vary.
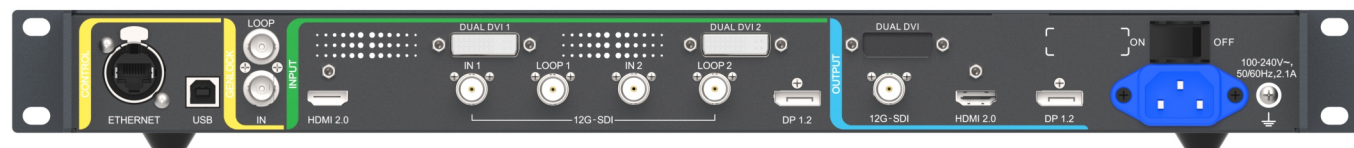
No.	Button	Description
1	Power button	Press the button to turn on the device. Hold down the button and select **Yes** to turn off the device.
2	Input source buttons	Display the signal statuses of input sources and switch the input sources. Status LEDs: • Green: Input source is accessed and in use. • Yellow: Input source is accessed but not in use. • Off: No input source is accessed or input source is abnormal. • Red and flashing: Input source is not accessed but in use.
3	TFT screen	Display the current device status, menus and submenus.
4	Knob	• On the home screen, press the knob to enter the operation menu screen. • On the operation menu screen, rotate the knob to select a menu item, and press the knob to confirm the selection or enter the submenu. • When a menu item with parameters is selected, you can rotate the knob to adjust the parameters. Please note that after adjustment, you need to press the knob again to confirm the adjustment.
5	ESC	Exit the current menu or cancel the current operation.
6	Function buttons	• SCALE: Enter the image scaling menu. • PIP: Enable/Disable the PIP 1. The 4K ViewPro supports two PIP layers. Pressing the PIP button will open or close the PIP 1 only. Status LEDs: ➢ On: PIP 1 is enabled. ➢ Off: PIP 1 is disabled. • FN: Custom function button • TEST: Enter the test pattern menu. • FRZ: Freeze the display. • BLACK: Make the display blackout.
7	USB	For updating the device, importing and exporting the preset/BKG/LOGO files

Dimensions

445

31.8

295.5
272.5
270

465

482.6
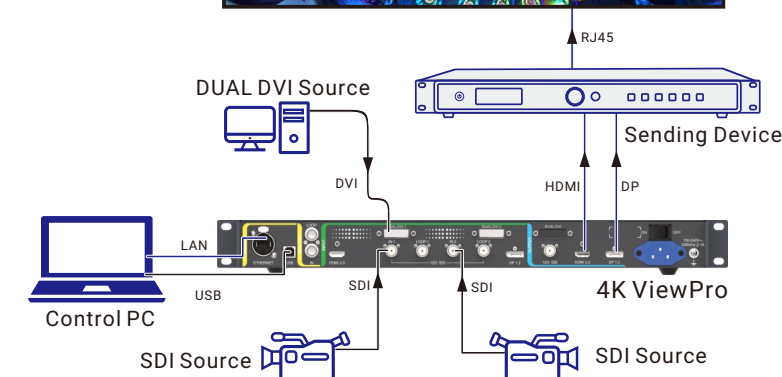
Unit: mm
Tolerance: ±0.3 mm

Rear Panel

The product pictures shown in this guide are for illustration purpose only. Actual product may vary.

Input

Connector	Quantity	Description
DUAL DVI	2	Input resolution up to 4K×2K@30Hz and backward compatible , VESA standard compliant HDCP 1.4 compliant
12G-SDI	2	Input resolution up to 4K×2K@60Hz and backward compatible, 12G-SDI loop output
DP 1.2	1	Input resolution up to 4K×2K@60Hz and backward compatible HDCP 1.3 compliant
HDMI 2.0	1	Input resolution up to 4K×2K@60Hz and backward compatible HDCP 2.2 compliant

Output

Connector	Quantity	Description
DP 1.2	1	Output resolution up to 4K×2K@60Hz and backward compatible
HDMI 2.0	1	Output resolution up to 4K×2K@60Hz and backward compatible
12G-SDI	1	Output resolution up to 4K×2K@60Hz and backward compatible

Control

Connector	Quantity	Description
ETHERNET	1	For updating the device or connecting to the control PC for device control
USB (Type-B)	1	For the device update
GENLOCK IN-LOOP	1	For connecting a synchronization signal to synchronize the linked devices

Overall Specifications

Power requirements	100−240 V~, 50/60 Hz, 2.1A
Operating temperature	0°C to 50°C
Storage temperature	−10°C to +60°C
Dimensions	482.6 mm × 50.5 mm × 295.5 mm
Power consumption	55 W
Net Weight	4.7 kg

Device Connection

- **Device and control PC**

  The device can be connected to the control PC via two ways.

  ➢ Connect one end of the RJ45 cable to the Ethernet port of the device, and connect the other end of this cable to the Ethernet port of the control PC.

  ➢ Connect one end of the USB cable to the USB port (type-B) of the device, and connect the other end of this cable to the USB port (type-A) the control PC.

- **Device and input sources**

  ➢ DVI input source: Connect the DVI input source to **DUAL DVI** connector in **INPUT** area of the device with a DVI cable. Make sure the two screws of DVI cable are well fastened.

  ➢ HDMI input source: Connect the HDMI input source to **HDMI** connector in **INPUT** area of the device with an HDMI cable. Make sure the screw of HDMI cable is well fastened.

  ➢ SDI input source: Connect the SDI input source to **SDI IN** connector in **INPUT** area of the device with an SDI cable.

  ➢ DP source: Connect the DP input source to **DP** connector in **INPUT** area of the device with a DP cable.

- **Device and sending device**

  Connect the output connector of the 4K ViewPro with the input connector of the sending device. Please select the correct cable according to the input connector type of the sending device.

- **Device and power supply**

  Power requirements: 100−240V~, 50/60 Hz, 2.1A

Power On/Off

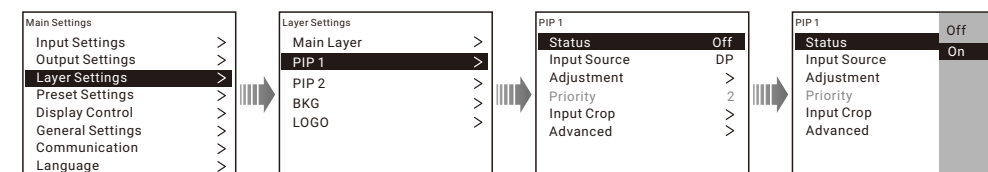After the hardware connections, power on the device by pressing the power switch on the rear panel.

- Press **ON** to power on the device.
- Press **OFF** to power off the device.

When the power switch on the rear panel is **ON**,

- Press the power button on the front panel to turn on the device.
- Hold down the power button and select **Yes** to turn off the device.

Add PIP

Note

Rotate the knob to scroll up or down the menu item; press the knob to confirm the selection.

Step 1   On the home screen, press the knob to enter the main menu screen. Choose **Layer Settings** > **PIP 1/PIP 2** > **Status**, and then select **On**.

Step 2   On the PIP settings screen, select **Input Source**, and then select the desired input source for the selected PIP.

Step 3   Select **Adjustment** to enter the PIP layer settings screen.

- **Aspect Ratio**: Set the proportional relationship between the PIP width and height.
- **H Width & V Height**: Set the PIP size.
- **Initial X & Initial Y**: Set the initial position of the PIP.