

5x2 HDBaseT 3.0 KVM Multiview HDMI & USB-C Switcher with Dante

Model PT-PSW-52KVM

Designed in Germany

Version V1.0

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Preface

Read this user manual carefully before using this product. Pictures shown in this manual are for reference only. Different model layouts and specifications are subject to the physical product.

This manual is for operation instructions only, not for any maintenance usage. In the constant effort to improve our product, we reserve the right to make changes in functions or parameters without prior notice or obligation.

Trademarks

Product model and logo are trademarks. Any other trademarks mentioned in this manual are acknowledged as the properties of the trademark owner. No part of this publication may be copied or reproduced without the prior written consent.

FCC Statement

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. It has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

Operation of this equipment in a residential area is likely to cause interference, in which case the user at their own expense will be required to take whatever measures may be necessary to correct the interference.

Any changes or modifications not expressly approved by the manufacture would void the user's authority to operate the equipment.



REACH | 1907/2006/EU

ROHS | 2011/65/EU

PureLink hereby declares that this product PureTools PT-PSW-52KVM complies with Directives 1907/2006/EU und 2011/65/EU.

EMC / LVD (Electro Magnetic Compatibility / Low Voltage Directive)

PureLink GmbH hereby declares that this product PureTools PT-PSW-52KVM complies with Directives 2014/30/EU and 2014/35/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:

http://www.purelink.de/ce/ 4251364741542_CE.pdf



SAFETY PRECAUTIONS

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Unpack the equipment carefully and save the original box and packing material for possible future shipment.
- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module. It may result in electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Refer all servicing to qualified service personnel.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Do not put any heavy items on the extension cable in case of extrusion.
- Do not remove the housing of the device as opening or removing housing may expose you to dangerous voltage or other hazards.
- Install the device in a place with fine ventilation to avoid damage caused by overheat.
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Information on disposal for scrapped devices: do not burn or mix with general household waste, please treat them as normal electrical wastes.

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1. Product Introduction

1.1 Introduction

The PT-PSW-52KVM is an 18Gbps seamless presentation switcher that offers 2x HDMI inputs, 1x HDMI + USB-B input, 2x USB-C inputs (DP Alt mode, USB 2.0, 100Mbps Ethernet and 60W charging), 1x HDMI output and 1x HDBT mirrored output. It utilizes the HDBaseT 3.0 protocol and supports PoH for remote powering the RX and can extend uncompressed signals up to a distance of 70m (4K@30Hz 4:4:4) or 40m (4K@60Hz 4:4:4) via a single CAT6A (S/FTP) cable. This presentation switcher supports single full screen or various multi-view display modes (Single/PIP/PBP/Triple/Quad). It has USB 2.0 local KVM switching and local Hub/HDBT USB pass-through function (from TX to RX). It also supports bi-directional RS-232 and IR control signal pass-through function.

This presentation switcher also features an analogue audio input, an analogue audio output, as well as a Dante 2x2 audio input and output. It also has a built-in 3x3 audio matrix with independent audio EQ/volume/delay adjustment.

1.2 Features

- HDMI 2.0b, HDCP 2.2 and DP 1.2 compliant
- 18Gbps video bandwidth with video resolution up to 4K@60Hz (4:4:4)
- Uncompressed 4K@60Hz (4:4:4) over HDBT 3.0 up to 40m via single CAT6A (F/FTP)
- Uncompressed 1080P&4K@30Hz (4:4:4) over HDBT 3.0 up to 70m via a CAT6A (S/FTP)
- 5 multi-view layout display modes: Single/PIP/PBP/Triple/Quad
- Supports seamless switching (single screen) and fast switching (multi-view) function
- Input: 2x USB-C, 3x HDMI, 1x Analog audio, 1x Dante 2ch
- Output: 1x HDMI and 1x HDBT mirrored, 1x Analog audio, 1x Dante 2ch
- HDMI and HDBaseT (PoH) outputs (Mirrored)
- Dante 2x2 audio input and output
- USB-C supports DisplayPort Alt mode for A/V, USB 2.0, 100M Ethernet and 60W charging

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- Local USB 2.0 KVM switching and extending USB 2.0 over HDBT 3.0
- Signal input supports manual switching and automatic switching modes
- Support for analogue/Dante audio embedding, analogue/Dante audio deembedding
- CEC/RS-232 control for external devices ON/OFF
- Advanced EDID management
- Flexible control via front panel buttons, IR remote, RS-232, TCP/IP or Web GUI
- Supports unidirectional TX > RX PoH

1.3 Package List

- 1 × 18Gbps Seamless Presentation Switcher
- 1 × HDBaseT Receiver
- 1 × IR Blaster Cable (1.5 meters)
- 1 × IR Wideband Receiver Cable (1.5 meters)
- 2 × 3pin-3.5mm Phoenix Connector (male)
- 3 × 5pin-3.5mm Phoenix Connector (male)
- 4 × Mounting Ear
- 8 × Machine Screw
- 1 × 24V/8A Desktop Power Supply
- 1 × AC Power Cord (1.5 meters)
- 1 × IR Remote
- 1 × User Manual

2. Panel Description

2.1 Switcher Panel

Front Panel

| | • | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|--|-------|------|--------|------|-------|
| PURETOOLS 5×2 SEAMLESS PRESENTATION SWITCH | 0 | USB-C 1 USB-C 2 HDMI 3 HDMI 4 HDMI 5 | INPUT | AUTO | PRESET | RES. | POWER |
| | | | | | | | |

| No. | Name | Function Description |
|-----|---------------|---|
| 1 | IR Window | IR receiving window, it only receives the IR remote signal from this product. |
| 2 | Input LEDs | When the USB-C 1 / USB-C 2 / HDMI 3 / HDMI 4 / HDMI 5 port is selected as the signal input channel, the corresponding LED will be on. In multiview mode, input LEDs indicate the outputs, which can be set through the Web GUI. |
| 3 | INPUT button | In single screen display mode, press INPUT button to circularly select the input signal source. In multiview mode, press INPUT button to switch back to the single screen display mode. The button light will automatically turn off after 1 second each time. |
| 4 | AUTO button | Press this button to enable/disable the auto switching function. When the auto switching function is enabled, the button light will be on. |
| 5 | PRESET button | Press this button to cycle through the preset application scenes. The button light will automatically turn off after 1 second each time. The scenes can be preset through the Web GUI. |
| 6 | RES. button | Press this button to set the output resolution, there will be an OSD displayed in the middle of the screen. The button light will automatically turn off after 1 second each time. |
| 7 | POWER button | Press and hold this button for 3 seconds, the product will enter standby mode and the button light will be on. In standby mode, short press this button, the product will be turned on and the button light will be off. |

Rear Panel



| No. | Name | Function Description |
|-----|--------------------------------------|--|
| 1 | LAN port | Connect to a router or Switch for USB-C Internet access or Web GUI control. |
| 2 | RESET button | Press and hold this button for 5 seconds to restore to factory default settings. |
| 3 | RS-232 port | RS-232 serial port, used for RS-232 signal pass-through or controlling this product via RS-232 commands. |
| 4 | IR IN port | Connect the IR receiver cable, used for IR signal pass-through or controlling this product via the IR remote. |
| 5 | IR OUT port | Connect the IR blaster cable, the IR signal is from the IR IN port of the HDBaseT Receiver. |
| 6 | LINE IN port | Analog audio input port, supporting balanced/unbalanced audio input, with a maximum support of 2Vrms. Balanced connection method: L+, L -, |
| 7 | LINE OUT port | Analog audio output port, supporting balanced audio output (with a maximum support of 2Vrms) and unbalanced audio output (with a maximum support of 1Vrms). Balanced connection method: L+, L -, \pm , R+, R- Unbalanced connection method: L+, \pm , R+ |
| 8 | Dante port | Dante Network port, connected to the Switch with other Dante receivers. This port supports receiving and transmitting signals. |
| 9 | DC 24V port | Power port, connected to the DC 24V power adapter. |
| 10 | HDBT OUTPUT port | HDBaseT output port, connected to the HDBaseT IN port of the receiver with a CAT6A (F/FTP) cable. |
| 11 | Data Signal Indicator (Yellow) | Light on: HDMI signal with HDCP. Light flashing: HDMI signal without HDCP. Light off: No HDMI signal. |

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| No. | Name | Function Description |
|-----|-------------------------------------|--|
| 12 | Link Signal Indicator (Green) | Light on: Transmitter and Receiver are in good connection status. Light flashing: Transmitter and Receiver are in poor connection status. Light off: Transmitter and Receiver are not connected. |
| 13 | HDMI OUTPUT port | HDMI signal output port, connected to HDMI display device such as TV or monitor with HDMI cable. |
| 14 | HDMI 3/4/5 VIDEO INPUTS | HDMI signal input ports, connected to HDMI source device such as DVD or Blu-ray player with HDMI cable. |
| 15 | HOST 3 port | USB Host port, connected to PC. (For detailed information how this port works/interacts with KVM devices see the system diagrams on page 47.) |
| 16 | USB-C 1/2 ports | USB-C signal input ports, connected to USB-C signal source device, with the function of 60W charging. |
| 17 | USB DEVICES ports | Two USB extension ports, connected to mouse, keyboard, USB camera or other USB devices. (For detailed information how these ports work/ interact with the host ports see the system diagrams on page 47.) |

2.2 HDBaseT Receiver Panel



| No. | Name | Function Description |
|-----|-----------|--|
| 1 | Power LED | When the receiver is powered on, the red power LED will be on. |
| 2 | LINK LED | Light on: Transmitter and Receiver are in good connection status. Light flashing: Transmitter and Receiver are in poor connection status. Light off: Transmitter and Receiver are not connected. |
| 3 | VIDEO LED | Light on: HDMI signal with HDCP. Light flashing: HDMI signal without HDCP. Light off: No HDMI signal. |

| No. | Name | Function Description |
|-----|--------------------------------------|--|
| 4 | HDBT LED | When the HDBaseT IN port is selected as the signal input channel, the green HDBT LED will be on. |
| 5 | HDMI LED | When the HDMI IN port is selected as the signal input channel, the green HDMI LED will be on. |
| 6 | SELECT button | Press this button to select signal input channel. |
| 7 | IR IN port | Connect the IR receiver cable, the IR signal will be sent to the IR OUT port of the transmitter. |
| 8 | IR OUT port | Connect the IR blaster cable, the IR signal is from the IR IN port of the transmitter. |
| 9 | DEVICES ports | Two USB extension ports, connected to whiteboard, mouse, keyboard, USB camera or other USB devices. (For detailed information how these ports work/interact with the host ports see the system diagrams on page 47.) |
| 10 | SERVICE port | Firmware update port. |
| 11 | HDBaseT IN port | HDBaseT input port, connected to the HDBT OUTPUT port of the transmitter with a CAT6A (F/FTP) cable. |
| 12 | Data Signal Indicator (Yellow) | Light on: HDMI signal with HDCP. Light flashing: HDMI signal without HDCP. Light off: No HDMI signal. |
| 13 | Link Signal Indicator (Green) | Light on: Transmitter and Receiver are in good connection status. Light flashing: Transmitter and Receiver are in poor connection status. Light off: Transmitter and Receiver are not connected. |
| 14 | HDMI IN port | HDMI signal input port, connected to HDMI source device such as DVD or Blu-ray player with HDMI cable. (For detailed information how this port works/interacts with the HDMI OUT port see the system diagrams on page 47.) |
| 15 | HOST ports | USB Host port, connected to PC. (For detailed information how this port works/interacts with KVM devices see the system diagrams on page 48.) |
| 16 | HDMI OUT port | HDMI signal output port, connected to HDMI display device such as TV or monitor with HDMI cable. |
| 17 | LINE OUT port | Analog audio output port, supporting balanced audio output (with a maximum support of 2Vrms) and unbalanced audio output (with a maximum support of 1Vrms). Balanced connection method: L+, L -, \pm , R+, R- Unbalanced connection method: L+, \pm , R+ |
| 18 | RS-232 port | RS-232 serial port, used for RS-232 signal pass-through or controlling this receiver via RS-232 commands. |
| 19 | DC 24V port | Power port, connected to the DC 24V power adapter. Note: The receiver also can be powered by PoH (through the HDBaseT IN port). |

2.3 IR Cable Pin Assignment

The pin assignment of the IR Receiver cable and IR Blaster cable is as below:



Note: When the angle between the IR receiver and the remote control is \pm 45 °, the transmission distance is 0-5 meters; when the angle between the IR receiver and the remote control is \pm 90 °, the transmission distance is 0-8 meters.

3. IR Remote



Power button:

Press this button to power on the switcher or set it to standby mode.

VIDEO buttons:

USB-C 1 / USB-C 2 / HDMI 3 / HDMI 4 / HDMI 5:

Press these buttons to select input source in single screen display mode, and the corresponding input LED on the front panel will light in green.

∢ ⊳:

Press these buttons to circularly select the last or next input source in single screen display mode.

AUTO:

Press this button to enable/disable the auto switching function.



PRESET:

Press this button to cycle through the preset application scenes.

⊞:

Multiview display mode switching button. Short press this button to circularly select: Single - PIP - PBP - Triple - Quad.

RES.:

Press this button to cycle through the output resolution.

FREEZE:

Press this button to freeze/unfreeze the screen.

RX HDBT:

Press this button to select the HDBaseT IN port as the signal source input channel of the receiver.

RX HDMI:

Press this button to select the HDMI IN port as the signal source input channel of the receiver.

AUDIO buttons:

USB-C 1 / USB-C 2 / HDMI 3 / HDMI 4 / HDMI 5 / WIN 1 / AIN / DANTE:

Press these buttons to select the audio input channel for the HDMI/HDBT output.

Note: USB-C 1, USB-C 2, HDMI 3, HDMI 4, HDMI 5 and WIN 1 belongs to the audio input channels of Main In (HDMI/USB-C In).

Mute:

Press this button to mute / unmute the audio of Master Out.

VOL-, VOL+:

Press these buttons to increase / decrease the audio output volume of Master Out.

4. Specification

| Technical | |
|--|---|
| HDMI Compliance | HDMI 2.0b |
| HDCP Compliance | HDCP 2.2 |
| DP Version | DP 1.2 |
| Video Bandwidth | 18Gbps |
| USB Bandwidth | TX USB DEVICES to TX HOST/USB-C: 480Mbps RX USB DEVICES to TX HOST/USB-C: 350Mbps RX USB DEVICES to RX HOST: 480Mbps |
| Network Bandwidth (LAN and USB-C Connection) | 100Mbps |
| Input Video Resolution | 480i ~1080p@50/60Hz, 4K2K@24/30Hz, 4K2K@50Hz/60Hz 4:4:4 |
| Output Video Resolution | Auto, 3840x2160p60, 3840x2160p50, 4096x2160p60, 4096x2160p50, 3840x2160p30, 3840x2160p25, 1920x1200p60RB, 1920x1080p60, 1920x1080p50, 1360x768p60, 1280x800p60, 1280x720p60, 1280x720p50, 1024x768p60 |
| IR Level | 12Vp-p |
| IR Frequency | Wideband 20K-60KHz |
| Color Depth | RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0 |
| Color Space | Input: 8/10/12-bit, 8-bit (4K60Hz 4:4:4) Output: 8-bit |
| Audio Format | LPCM 2.0 |
| Audio Sample Rate | 48KHz |
| Transmission Distance | 1080P&4K30 230ft/70m; 4K60 131ft/40m |
| HDR | Input supports HDR, output does not support HDR |
| ESD Protection | Human body model - $\pm 8kV$ (air-gap discharge) & $\pm 4kV$ (contact discharge) |
| TX Analog Audio | |
| Input Impedance | 10K Ohms |
| Output Impedance | 330 Ohms |
| Line Input Level (Max) | 8.2dBu (2Vrms) @ balanced or unbalanced audio |
| Line Output Level (Max) | 8.2dBu (2Vrms) @ balanced audio 2.2dBu (1Vrms) @ unbalanced audio |
| Frequency Response | (+0.5dB, -1dB) 20Hz to 20kHz |



| TX Analog Audio | | | | |
|----------------------------|--|--|--|--|
| Audio Output Sync Delay | 0 to 50ms | | | |
| Audio S/N Ratio | 93dB @ 2Vrms, 1kHz A-weighted | | | |
| Audio THD+N | <0.1% @ 0 dBV, 1kHz | | | |
| RX Analog Audio | | | | |
| Output Impedance | 330 Ohms | | | |
| Line Output Level (Max) | 8.2dBu (2 Vrms) @ balanced audio 2.2dBu (1 Vrms) @ unbalanced audio | | | |
| Frequency Response | (+0.5 dB, -1 dB) 20Hz to 20kHz | | | |
| Audio Output Sync Delay | 0 to 50ms | | | |
| Audio S/N Ratio | 93dB @ 2Vrms, 1kHz A-weighted | | | |
| Audio THD+N | <0.1% @ 0dBV, 1kHz | | | |
| Dante Audio | | | | |
| Audio Formats | LPCM2.0 | | | |
| Sample Rate | 44.1, 48, 88.2 and 96kHz at 24bits | | | |
| Audio Delay | 2ms, 3ms, 4ms, 5ms, 10ms | | | |
| Network Bandwidth | 100Mbps | | | |
| Connection | | | | |
| Transmitter | <pre>Input: 3 × HDMI IN [Type A, 19-pin female] 2 × USB-C [24-pin female] 1 × LINE IN [5pin-3.5mm phoenix connector] 1 × Dante [R]45] Output: 1 × HDMI OUTPUT [Type A, 19-pin female] 1 × HDBT OUTPUT [R]45] 1 × LINE OUT [5pin-3.5mm phoenix connector] Control: 1 × RS-232 [3pin-3.5mm phoenix connector] 1 × LAN [R]45] 1 × USB HOST [USB Type B] 2 × USB DEVICES [USB Type A] 1 × IR IN [3.5mm stereo mini-jack] 1 × IR OUT [3.5mm stereo mini-jack]</pre> | | | |



| Connection | |
|--------------------------|--|
| Receiver | Input: 1 × HDMI IN [Type A, 19-pin female] 1 × HDBaseT IN [R]45] Output: 1 × HDMI OUT [Type A, 19-pin female] 1 × LINE OUT [5pin-5mm phoenix connector] Control: 1 × RS-232 [3pin-3.5mm phoenix connector] 1 × USB HOST [USB Type B] 2 × USB DEVICES [USB Type A] 1 × SERVICE [Micro USB] 1 × IR IN [3.5mm stereo mini-jack] |
| Mechanical | |
| Housing | Front panel: Aluminum; Rear case: Metal Enclosure |
| Color | Black |
| Dimensions | Transmitter: 220mm [W] × 150mm [D] × 44mm [H] Receiver: 140mm [W] × 105mm [D] × 21.5mm [H] |
| Weight | Transmitter: 1.21Kg; Receiver: 424g |
| Power Supply | Input: AC 100-240V 50/60Hz Output: DC 24V/8A (US/EU standard, CE/FCC/UL certified) |
| Power Consumption | 150W (Max) |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F |
| Relative Humidity | 20%~90% RH (non-condensing) |

5. Web GUI User Guide

The presentation switcher can be controlled by Web GUI. The operation method is shown as below:

Step 1: Get the current IP Address.

The default IP address is 192.168.0.178 (when the system is not connected to a router). You can get the current Matrix IP address via RS-232 command control. Send the ASCII command "r ip addr" through a Serial Command tool, then you'll get the current IP address (The IP address is variable, depending on what the specific machine returns).

For the details of RS-232 control, please refer to "RS-232 Control Command".

Step 2: Connect the LAN port of the presentation switcher to a PC with an UTP cable (as shown in the following figure), and set the IP address of the PC to be in the same network segment with the presentation switcher.



Step 3: Input the current IP address of Matrix into your browser on the PC to enter Web GUI interface.

After entering the Web GUI page, there will be a Login interface, as shown below:

| PureLink Issue Connect Parton | | | | |
|----------------------------------|-------------------|--------|---|--|
| Admin - | | | | |
| Password Login | <mark>ع</mark> مط | min | ÷ | |
| Login | 🖨 Pa | ssword | | |
| | | Login | | |
| | | | | |
| | | | | |

The default usernames and passwords are as below:

| Username | user | admin |
|----------|------|-------|
| Password | user | admin |

Enter the username "user" and the password "user", then click the "Login" button to enter the User page.

User Page

| PureLink | 5x2 Seamless Presentation Switcher | 🔹 10 📢 🐟 🛓 User 🔿 Standby 🗗 Logout |
|-----------|---|--|
| e Control | Control Free Tomo Tomo Tomo Tomo Tomo Tomo Tomo To | |
| | Matter Dari 6 | • • • |

You can do the following operations on the User page:

(1) **Preset:** Recall the preset application scenes.

2 Video: Set the multiview display mode, select input source for each screen,

freeze the screen or mute the audio.

③ **Master Out:** Set the audio volume or mute/unmute the audio for Master Out. You can respectively turn on/off the HDMI/HDBT Out, Line Out or Dante Out.

Enter the username "admin" and the password "admin", then click the "Login" button to enter the Information page of the Admin interface.

Information Page

| PureLink Install Connect, Perform. | 5x2 Seamless Presentation Switcher | 🔹 10 📢 🕸 🛓 Admin 🖒 Standby 🕞 Lagout |
|---------------------------------------|------------------------------------|---|
| (i) Information | Information | |
| 🖬 Status | | |
| Q Preset | | |
| a EDID | | |
| Video | | |
| <)) Audio | | |
| A USB | | |
| 100 RS-232 | | |
| Hetwork | | |
| System | | |
| | | |
| | | |
| | | |

The Information page provides basic information about the model name, software version, IP information and the current machine temperature.

Besides, you can do the following operations on each page of the Admin interface. ① Display and set the audio volume of Master Out. Click the volume icons to increase/decrease the audio volume of Master Out, or click the mute icon to mute/ unmute the audio of Master Out. When muted, the mute icon displays red.

- 2 Display the current username (User or Admin).
- ③ Click the power icon to power on the switcher or set it in standby mode.
- ④ Click the logout icon to logout and return to the login interface.

Status Page

| PureLink | 5x2 Seamless Preser | ntation Switcher | | 10 | 0 8 | ▲ Admin උ | Standby 🕞 | Logout |
|----------|---------------------|------------------|--|----|-----|-------------|-------------|--------|
| | Status | | | | | | | |
| | | | | | | | | |
| Q Preset | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Network | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

The Status page displays the input & output port connection status, input & output resolution, color space, color depth and HDCP.

Preset Page

| | 5x2 Seamless Prese | intation Switcher | | | | 🜒 10 📢 🐟 🛓 Admin 🔿 Standby 🕞 Logout |
|-----------------|--------------------|-------------------|------|-------|--------|---|
| (i) Information | Preset | | | | | |
| 🖼 Status | | 1 | 2 | 3 | 4 | |
| Q Preset | | | | | | |
| EDID | | | Save | Clear | Recall | |
| Video | | | Save | Clear | Recall | |
| <3) Audio | | | Save | Clear | Recall | |
| A USB | | | Save | Clear | Recall | |
| 📟 RS-232 | | | | | | |
| Network | | Preset 5 | oave | Clea | Accar | |
| 🛞 System | | | | | | |

You can set up to 5 preset scenes on the Preset page.

- 1 **Preset Name:** You can name the preset scene.
- 2 **Preset Save:** Click the Save button to save the scene.
- ③ **Preset Clear:** Click the Clear button to clear the saved scene.
- ④ **Preset Recall:** Click the Recall button to recall the saved scene.

EDID Page

| PureLink Install, Connect, Partners, | 5x2 Seamless Presentation Switc | her | | 🗢 at 📢 🗣 | 🗴 🛓 Admin 🕛 Standby 🗗 Logout |
|---|---------------------------------|--------------------------|------------|----------|----------------------------------|
| Infomation | EDID | | | | |
| 🖼 Status | EDID Settings | | | | |
| Q Preset | | | Save | | |
| EDID | USB-C 2 EDID | | Save | | |
| Video | | 1.Auto ~ | Save | | |
| <)I Audio | | 1.Auto ~ | Silve | | |
| A USB | Download EDID From | 1.Auto ~ | Download a | | |
| W RS-232 | User Defined 1 EDID | Load EDID No file chosen | Save ED D | | |
| Network | | Load EDID No file chosen | Save EDID | | |
| System | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 0 | | | | |
| D USECUDDEN A | | | | | 9885 × |

You can do the following operations on the EDID page.

① Click the drop-down list to set EDID for each input port. The EDID list is as below.

| No. | EDID Mode | No. | EDID Mode |
|-----|------------------------------|-----|-----------------------------|
| 1 | Auto | 9 | 1680x1050, Stereo Audio 2.0 |
| 2 | Copy HDMI OUT | 10 | 1600x1200, Stereo Audio 2.0 |
| 3 | Copy HDBT OUT | 11 | 1440x900, Stereo Audio 2.0 |
| 4 | 4K2K60_444, Stereo Audio 2.0 | 12 | 1360x768, Stereo Audio 2.0 |
| 5 | 4K2K30_444, Stereo Audio 2.0 | 13 | 1280x1024, Stereo Audio 2.0 |
| 6 | 1080P, Stereo Audio 2.0 | 14 | 1024x768, Stereo Audio 2.0 |
| 7 | 720P, Stereo Audio 2.0 | 15 | User Defined 1 |
| 8 | 1920x1200, Stereo Audio 2.0 | 16 | User Defined 2 |

- ② Click the drop-down list to select USB-C 1\USB-C 2\HDMI 3\HDMI 4\HDMI5 \HDMI OUT\HDBT OUT for EDID download.
- ③ Click the Download button to download EDID and generate a .bin file.
- ④ Display the downloaded EDID .bin file.
- (5) Click the Load EDID button to download user-defined EDID. Please note that only. bin files are supported.
- (6) Click the Save EDID button to save the user-defined EDID.

Video Page

| PureLink | 5x4 | Seamless Presen | tation Switcher | | | | 🔹 10 📢 🐟 🛓 Admin 🖱 Standby 🗗 Logout |
|-----------------|-----|-----------------|-----------------|---|---|------|---|
| (i) Information | | /ideo | | | | | |
| 🖼 Status | | | | | | | 7 |
| Q Preset | | | | | | | |
| EDID | | 1 | | 2 | | | |
| D Video | | Window Layout | 0 | | 2 | 3 | 1 |
| <)) Audio | | | | | | | |
| A USB | | | | | | | |
| ⊞ RS+232 | | | | | | | |
| Network | | | | | | | |
| System | | | | | | | |
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| | | | | _ | | | |
| | 4 | PIP Position | Lett/Top | | | | |
| | | PIP Size | <u>Brief</u> | | | | |
| | | Display Mode | Mode 2 | ~ | | | |
| | | | Full | ~ | | | |
| | • | | | | | | |
| | | | | | | | 1 |
| | | Resolution | | | | Stor | |
| | 2 | HDMI HDCP | 1.Auto | | | Save | |
| | 3 | HDBT HDCP | 1 Auto | | | Save | |
| | | | | | | | |

Switch Mode

① **Auto Switch:** You can turn on/off the auto switching function.

(2) Fallback Input: Click the drop-down list to select Auto\USB-C 1\USB-C 2\HDMI 3\HDMI 4\HDMI 5 as the signal source of Fallback input. When the auto switching function is turned on and the current input source is disconnected, the Fallback input signal source will be selected automatically. When the Fallback input is set to be Auto, the switcher will detect and switch to the signal with the auto switching sequence of USB-C 1>USB-C 2->HDMI 3->HDMI 4->HDMI 5.

Note: The auto switching function is available only in single screen display mode.

Window layout

- ① **Window layout:** Click the drop-down list to select the display mode (1.Single\2. PIP\3.PBP\4.Triple\5.Quad).
- (2) Freeze: You can freeze the screen.
- ③ **AV Mute:** You can mute the audio and video.
- ④ **PIP Position:** Click the drop-down list to select the display position in PIP display mode.

- (5) **PIP Size:** Click the drop-down list to select the display size in PIP display mode.
- 6 **Display Mode:** Click the drop-down list to select the display mode in PBP\Triple\ Quad display mode.
- ⑦ Display Aspect: Click the drop-down list to select the display aspect in PBP\ Triple\Quad display mode.
- (8) Border: Click the drop-down list to select the border and border color in PBP\ Triple\Quad display mode.

Output Setting

① **Resolution:** Click the drop-down list to select the output resolution. The output resolution list is as following.

| No. | Output Resolution | No. | Output Resolution |
|-----|-------------------|-----|-------------------|
| 1 | Auto | 9 | 1920x1080p60 |
| 2 | 3840x2160p60 | 10 | 1920x1080p50 |
| 3 | 3840x2160p50 | 11 | 1360x768p60 |
| 4 | 4096x2160p60 | 12 | 1280x800p60 |
| 5 | 4096x2160p50 | 13 | 1280x720p60 |
| 6 | 3840x2160p30 | 14 | 1280x720p50 |
| 7 | 3840x2160p25 | 15 | 1024x768p60 |
| 8 | 1920x1200p60RB | | |

Note: When the output resolution is set to Auto, the switcher will output the matching resolution based on the EDID of the back-end TV.

(2) HDMI HDCP: Click the drop-down list to select the HDMI HDCP version.

③ **HDBT HDCP:** Click the drop-down list to select the HDBT HDCP version. After setting up, click "Save" to take effect.

Audio Page



Source Select

- ① Main In: Click the drop-down list to select the signal source for Main In.
- ② HDMI/HDBT Out: Click the drop-down list to select the signal source for HDMI/ HDBT Out.
- ③ **Line Out:** Click the drop-down list to select the signal source for Line Out.
- (4) Dante Out: Click the drop-down list to select the signal source for Dante Out.

After setting up, click "Save" to take effect.

Input Setting: You can respectively set the output volume or mute/unmute the audio for Main In (HDMI/USB-C In)\Line In\Dante In.

Output Setting

- (1) Master Out: You can respectively set the output volume or mute/unmute the audio for HDMI/HDBT Out\Line Out\Dante Out, or set together when turning on three options synchronously.
- (2) HDMI/HDBT Out\Line Out\Dante Out 3: Click the drop-down list of Mix to select the audio output channel for HDMI/HDBT Out\Line Out\Dante Out 3. You can set the delay, increase/decrease the audio or mute/unmute the audio.

GEQ Setting

- ① **Output:** Click the drop-down list to select the output channel.
- 2 Equalizer: Click the drop-down list to set the equalizer.

Flat: Set all EG to Odb.

Custom1: Set EQ for custom 1.

Custom2: Set EQ for custom 2.

Custom3: Set EQ for custom 3.

Custom4: Set EQ for custom 4.

Custom5: Set EQ for custom 5.

USB Page



USB Switch

- ① **Follow Video:** Click this button to set the USB transmission follow the video. It will follow the video output of window 1 in multiview mode.
- 2 Manual Switch: Switch to USB-C 1\USB-C 2\Host 3 manually.
- ③ **Auto Switch:** Detect and switch to USB-C 1\USB-C 2\Host 3 automatically.

After setting up, click "Save" to take effect.

RS-232 Page

| PureLink | 5x2 | Seamless Present | ation Switcl | her | | | | 10 | -18 | • | Admin | 🖒 Sta | indby | ⊖ Logo | ut |
|---------------------------------|-----|------------------|--------------|-------------|-----|--------------------|---|------|-----|---|-------|-------|-------|--------|----|
| Information | F | RS-232 | | | | | | | | | | | | | |
| 🔂 Status | | RS-232 Settings | | | | | | | | | | | | | 4 |
| Q Preset | 1 | Local RS-232 | | | 2 | Remote RS-232 | | | | | | | | | |
| EDID | | | | | | | | | | | | | | | |
| ♥ Video | | | | | | | | | | | | | | | |
| ⊲1 Audio | | | | | | | | | | | | | | | |
| A USB | | | | | | | | | | | | | | | |
| □ RS-232 | | | | Save | | | | Save | | | | | | | |
| Hetwork | | PS-232 Commar | vis (Disolav | Auto Preset | | | | | | | | | | | |
| ⊗ System | 4 | | | | | | | | | | | | | | |
| | 2 | | | PWRON | | Display Off Comman | | | | | | | | | |
| | 3 | | | 1 | (8) | | 1 | | (1) | | | | | | |
| | 4 | | | INPUT | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | Г |
| | | | | Save | | | | | | | | | | | Г |

RS-232 Settings

- (1) Local RS-232: You can set the Baud Rate, Data Bit, Parity and Stop Bit for the RS-232 port of the transmitter.
- (2) Remote RS-232: You can set the Baud Rate, Data Bit, Parity and Stop Bit for the RS-232 port of the receiver.

RS-232 Commands (Display Auto Power)

- ① Local/Remote RS-232 Commands: Click You can turn on/off the local/remote RS-232 commands and hex.
- (2) **Display On/Off Command:** You can input the display on/off command of the device.
- ③ **Delay 1:** You can set the delay time for the next action (such as send the Display Input Select command).
- ④ **Display Input Select:** You can input the command of switching the input channel for the display device.
- (5) **Delay 2:** You can set the delay time for the next action after sending the Display Input Select command.

After setting up, click "Save" to take effect.

Network Page

| PureLink | 5x2 Seamless Presentation Switcher | 🔹 10 📢 🐟 🛓 Admin 🖱 Standby 🗗 Lagout |
|-------------|------------------------------------|---|
| Information | Network | |
| 🖬 Status | Network Configuration | |
| Q Preset | IP Mode DHDP Static | |
| EDID | IP Address 192.168.0.178 | |
| Video | Subriet Musk 255.255.0.0 | |
| Audio | Cateway 192.168.0.1 | |
| A USB | | |
| 🖼 RS-232 | | |
| Network | Canoel Save | |
| System | | |
| | | Seve |
| | | Save |
| | | |
| | | |

Network Configuration: You can set the IP Mode (DHCP/Static), IP Address, Subnet Mask. Gateway, Telnet Port and Domain Name.

Note: The Domain Name "PT-PSW-52KVM-75AA.local" can be used to login the Web GUI. Besides, you can modify the login password for User and Admin. After setting up, click "Save" to take effect.

System Page



Display Control

① **CEC Command:** You can power on/off the CEC command.

(2) **Display Auto Power:** You can turn on/off the Display Auto Power. When it is set to ON, you can control the display device power on/off or switch the port based on the power status (power on/standby) or the signal input status of the transmitter by sending serial port or CEC Power On/Off command.

- ③ **Auto Power off Timer:** You Click the drop-down list to select the delay time for sending the command to turn off the display device when the transmitter is in standby mode or there is no signal input.
- (4) **Control Type:** Click the drop-down list to select the control type.

System Utilities

- ① Front Panel Buttons: Click "ON/OFF" to lock/unlock panel buttons. "On" indicates that panel buttons are available; "OFF" indicates panel buttons are unavailable.
- ② **Beep:** Click "ON/OFF" to turn on/off the beep.
- ③ **USB-C Ethernet Access:** Click "ON/OFF" to turn on/off the Ethernet access function of USB-C.
- ④ Fan Speed: Click the drop-down list to set the fan speed (25%/50%/75%/100%/ Auto).
- (5) **Reboot:** Click "Reboot" to reboot the switcher.
- (6) **Restore Factory Settings:** Click this button to restore the switcher to factory settings.
- ⑦ **Export Settings:** Click this button to export configuration files.
- (8) Import Settings: Click this button to import configuration files.

Firmware Update: You can update the software of MCU, Web, Scaler or receiver. Click "Choose File" to select the update file, then click "Update" to start update. When the progress bar reaches 100%, the update is complete.

6. Dante Web GUI User Guide

There is a built-in Dante Web GUI for the presentation switcher. The operation method is shown as below:

Step 1: Connect the presentation switcher and PC to the same Ethernet Switch with two Network cables.

Step 2: Set the Network connection setting of PC to be "Obtain an IP address Automatically".

| Local Area Connection Properties | Internet Protocol Version 4 (TCP/IPv4) Properties |
|--|---|
| Networking Sharing | General |
| Connect using: | You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. |
| Configure This connection uses the following items: Image: This connection uses the following items: Image: The the following items: Image: The the following items: Image: The followit | Obtain an IP address automatically Oute the following IP address: IP address: Subnet mask: Oute the subment |
| | Obtain DNS server address automatically |
| Instal | Use the following UKS server: |
| OK Cancel | OK Cancel |

Step 3: Open the Dante Controller software on the PC, and find the Dante device on the Routing page, as shown in the figure below.

| 👮 Dante Controller - Network View | | - 0 × |
|--|--|---------------------------|
| File Devices View Help | | |
| | Primary Leader Clock: DEP22-010733 | 6 |
| Routing Device Info Clock Status Betwork Status Even | ti | |
| @Dante | | |
| Filter Transitiers | | |
| | | |
| Receivers (1) | | |
| Rathan 1 Rathan 2 | | |
| | | |
| | | |
| | | |
| | | |
| < | | > |
| P: 🔤 | 1 devices Multicast Audie Bandwidth: Obys Event Log: | 冒 Clock Status Momitor: 冒 |

Step 4: Click the Device Info tab to check the IP address of the Dante device.

| | - A - | 🖼 🕀 🗛 ć | 3 6 | | Primary Lead | der Clock: BEP22-010 | 1722 | | 0 |
|----------------|---------------|--------------------|------------------|----------------|----------------------|-----------------------|----------------------|-------------------------|---|
| touting Device | Inf. Cleck S | Status Betwork St | atus Events | | | | | | |
| Device Name | Hodel Name | Product Version | Dante Version | Device Lock | Pz imazy Addz ess | Primary Link Speed | Secondary Address | Secondary Link Speed | |
| DEP22-010733 | DEP22 | 1.0.1 | 1211 | | 169 254.60.211 | 10086ys | II/A | II/A | |
| ٢ | | | | | | | | 6 | |
| | | | | | | | | | |
| | | | | | | | | | |



Step 5: Input the IP address of Dante device into your browser on the PC to enter the login interface of the Dante Web GUI.



Step 6: Select the default username "Admin" and input the password "admin", then click the "Login" button to enter the Information page of Dante Web GUI.

Information Page

| | DEP-MOD-100 | 1 |
|-----------------|-------------|---|
| (i) Information | Information | |
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The Information page provides basic information about the model name, software version and IP information.

Network Page

On the Network page, you can set the IP Mode (DHCP/Static), IP Address, Subnet Mask, Gateway, Telnet Port, TCP Port and Domain Name. The product model can be modified. Note: The Domain Name "DEP22-2700d1.local" can be used to login the Dante Web GUI.

PureTools

| 🕞 Logout |
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System Page

| PureLink | | DEP-MOD-100 | | 💄 Admin 🕞 Logout |
|-----------------|---|-------------------|---------------------------------|--------------------|
| (i) Information | | System | | |
| Network | 1 | Account Passwords | | |
| ⊘ System | | | 0d Password | |
| | 2 | Firmware Update | | |
| | | | Browse No file chosen Update ex | |
| | | | Browse No file chosen | |
| | 3 | Dante Control | | |
| | | | Reset | |
| | | | Reticot | |
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You can do the following operations on the System page:

- (1) Account Passwords: You can modify the login password for Admin. After inputting the old password, new password and confirm password, click "Save" to take effect.
- ② Firmware Update: You can update the firmware and DEP SDK software. Click "Browse" to select the update file, and then click "Update". When the progress bar reaches 100%, the update is complete.
- ③ **Dante Control:** Click "Reset" to restore to factory settings. Click "Reboot" to reboot the device.

7. RS-232 Control Command

The product also supports RS-232 command control. Connect the RS-232 port of the PT-PSW-52KVM to the PureLink PTM-RS100 configurable RS232 cable (or other appropriate cable) and your control device. The DIP settings are as follows:



Then open a Serial Command tool on PC to send ASCII commands to control the product.

The ASCII command list about the product is shown as below.

| ASCII Command | | | | | | |
|--|---------------------------------|--------------|---|--------------------------|--|--|
| Serial port protocol: Baud rate: 9600 (default), Data bits: 8bit, Stop bits:1, Parity bit: none TCP/ IP protocol port: 4001 | | | | | | |
| x - Parameter 1. y | r - Parameter 2. The end | d mark of co | mmand is " <cr><lf>".</lf></cr> | | | |
| Command Code | Function Description | Example | Feedback | Default Setting | | |
| System Setting | | | | | | |
| help | Get the list of all commands | help | <pre>====================================</pre> | List all API commands | | |
| r type | Get device model | r type | PT-PSW-52KVM | | | |

| Command Code | Function Description | Example | Feedback | Default Setting |
|------------------|--|---------------------|---|------------------------|
| System Setting | | | | |
| r status | Get device current status | r status | Please refer to the note at the end of the list. | |
| r fw version | Get Firmware version | r fw version | MCU 1.1.0 Web 1.1.0 Scaler 20230228-10 FPGA 1.1.0 RX 1.18.02 | |
| s power on | Power on the device | s power on | Power on System Initializing Initialization Finished! MCU 1.1.0 Web 1.1.0 Scaler 20230228-10 FPGA 1.1.0 RX 1.18.02 | |
| s power off | Power off the device | s power off | Power off | |
| r power | Get current power state | r power | power on /power off | |
| s reboot | Reboot the device | s reboot | Reboot System Initializing Initialization Finished! MCU 1.1.0 Web 1.1.0 Scaler 20230228-10 FPGA 1.1.0 RX 1.18.02 | |
| s reset | Reset to factory defaults | s reset | Reset to factory defaults System Initializing Initialization Finished! MCU 1.1.0 Web 1.1.0 Scaler 20230228-10 FPGA 1.1.0 RX 1.18.02 | |
| s front button x | Set front button locked on/off (x=0~1) O. Unlocked 1. Locked | s front button 0 | Front button: Unlocked | 0 |
| r front button | Get front button locked on/off status | r front button | Front button: Unlocked | |
| s beep x | Set buzzer on/off (x=0~1) 0. Off 1. On | s beep 1 | Beep: On | 0 |

| Command Code | Function Description | Example | Feedback | Default Setting |
|---------------------------|--|---------------------------|--|--------------------|
| System Setting | | | | |
| r beep | Get buzzer on/off status | r beep | Beep: Off | |
| s ir x | Set IR on/off (x=0~1) 0. Off 1. On | s ir 1 | IR: On | 1 |
| r ir | Get IR on/off status | r ir | IR: Off | |
| s UsbcAccess Network x | Set USB-C access network feature on/off (x=0~1) 0. Off 1. On | s UsbcAccess Network 1 | USB-C Access Network: On | 1 |
| r UsbcAccess Network | Get USB-C access network feature on/off | r UsbcAccess Network | USB-C Access Network: On | |
| s fan speed x | Set fan speed (x=0~4) 0. Auto 1. 25% 2. 50% 3. 75% 4. 100% | s fan speed 0 | Fan Speed: Auto | 0 |
| r fan speed | Get fan speed | r fan speed | Fan Speed: Auto | |
| r temp | Get device internal temperature | r temp | Temp: 65C | |
| Input Setting | | | | |
| r input x EDID | Get input EDID mode (x=0~5) x=0: all inputs x=1: USB-C 1 x=2: USB-C 2 x=3: HDMI 3 x=4: HDMI 4 x=5: HDMI 5 | r input 0 EDID | Input USB-C 1 EDID: Auto Input USB-C 2 EDID: Auto Input HDMI 3 EDID: Auto Input HDMI 4 EDID: Auto Input HDMI 5 EDID: Auto | |
| r input x EdidData | Get input EDID Data (x=0~5) x=0: all inputs x=1: USB-C 1 x=2: USB-C 2 x=3: HDMI 3 x=4: HDMI 4 x=5: HDMI 5 | r input 0 EdidData | Input USB-C 1 EDID Data: <00 FF FF FF> Input USB-C 2 EDID Data: <00 FF FF FF> Input HDMI 3 EDID Data: <00 FF FF FF> Input HDMI 4 EDID Data: <00 FF FF FF> Input HDMI 5 EDID Data: <00 FF FF FF> | |

PT-PSW-52KVM

| Command Code | Function Description | Example | Feedback | Default Setting |
|------------------|--|---------------------|--|--------------------|
| Input Setting | | | | |
| s input x EDID y | Set input EDID (x=0-5) (y=1~16) x=0: all inputs x=1: USB-C 1 x=2: USB-C 2 x=3: HDMI 3 x=4: HDMI 4 x=5: HDMI 5 y=1: Auto (HDBT or HDMI or HDBT+HDMI) y=2: Copy HDMI OUT y=3: Copy HDBT OUT y=4: 4K2K60_444, Stereo Audio 2.0 y=5: 4K2K30_444, Stereo Audio 2.0 y=6: 1080P, Stereo Audio 2.0 y=6: 1080P, Stereo Audio 2.0 y=8: 1920x1200, Stereo Audio 2.0 y=9: 1680x1050, Stereo Audio 2.0 y=10: 1600x1200, Stereo Audio 2.0 y=11: 1440x900, Stereo Audio 2.0 y=13: 1280x1024, Stereo Audio 2.0 y=15: User Defined 1 y=16: User Defined 2 | s input 0 EDID 1 | Input USB-C 1 EDID: Auto Input USB-C 2 EDID: Auto Input HDMI 3 EDID: Auto Input HDMI 4 EDID: Auto Input HDMI 5 EDID: Auto | 1 |
| Output Setting | | | | |
| s output res x | Set Output Resolution (x=1-15) x=1: Auto x=2: 3840x2160p60 x=3: 3840x2160p50 x=4: 4096x2160p50 x=5: 4096x2160p50 x=6: 3840x2160p30 x=7: 3840x2160p25 x=8: 1920x1200p60RB x=9: 1920x1080p50 x=10: 1920x1080p50 x=11: 1360x768p60 x=12: 1280x800p60 x=13: 1280x720p60 x=14: 1280x720p50 x=15: 1024x768p60 | s output res 1 | Out Resolution: Auto | 1 |

| Command Code | Function Description | Example | Feedback | Default Setting |
|----------------------|--|-------------------------|--|--------------------|
| Output Setting | | | | |
| r output res | Get output resolution | r output res | Out Resolution: Auto | |
| s output x hdcp Y | Set output (x=0~2) hdcp (y=1~3) x=0: all outputs (HDMI/HDBT) x=1: HDMI output x=2: HDBT output y=1: Auto y=2: HDCP 1.4 y=3: HDCP 2.2 | s output 0 hdcp 1 | Output HDMI HDCP: Auto Output HDBT HDCP: Auto | |
| r output x hdcp | Get output hdcp status (x=0~2) x=0: all outputs (HDMI/HDBT) x=1: HDMI output x=2: HDBT output | r output 0 hdcp | Output All HDCP: Auto | |
| s output avmute x | Set output avmute on/off (x=0~1) x=0: Off x=1: On | s output avmute 1 | Output AV Mute: On | 0 |
| r output avmute | Get output avmute on/off status | r output avmute | Output AV Mute: On | |
| s output freeze x | Set output freeze on/off (x=0~1) x=0: Off x=1: On | s output freeze 1 | Output Freeze: On | 0 |
| r output freeze | Get output freeze on/off status | r output freeze | Output Freeze: On | |
| s output itc x | Set output video mode (x=1~2) x=1: Video mode x=2: PC mode | s output itc 1 | Output ITC: Video Mode | 1 |
| r output itc | Get output video mode | r output itc | Output ITC: Video Mode | |
| Audio Setting | | | | |
| s main in audio x | Set Main In (HDMI/USB-C In) audio from (x=1~6) x=1: Window 1 x=2: USB-C 1 x=3: USB-C 2 x=4: HDMI 3 x=5: HDMI 4 x=6: HDMI 5 | s main in audio 1 | Main In Audio: Window 1 | 1 |
| r main in audio | Get Main In (HDMI/USB-C In) audio source | r main in audio | Main In Audio: Window 1 | |

PT-PSW-52KVM

| Command Code | Function Description | Example | Feedback | Default Setting |
|--------------------------|---|------------------------------|--|-----------------|
| Audio Setting | | | | |
| s output x audio y | Set output (x=0~3) audio source from (y=1~3) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=1: Main In (HDMI/USB-C In) y=2: Line In y=3: Dante In | s output 0 audio 1 | Output HDMI/HDBT Audio: Main In (HDMI/ USB-C In) Output Line Audio: Main In (HDMI/USB-C In) Output Dante Audio: Main In (HDMI/USB-C In) | 1 |
| r output x audio | Get output (x=0~3) audio source x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 1 audio | Output HDMI/ HDBT Audio: Main In (HDMI/ USB-C In) | |
| s input x audio vol+ | Increase input (x=0~3) audio volume x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In | s input 1 audio vol+ | Input Main In (HDMI/ USB-C In) Audio Volume: 50 | |
| s input x audio vol- | Decrease input (x=0-3) audio volume x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In | s input 1 audio vol- | Input Main In (HDMI/ USB-C In) Audio Volume: 50 | |
| s input x audio vol y | Set input (x=0~3) audio volume value (y=0~100) x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In | s input 1 audio vol 50 | Input Main In (HDMI/ USB-C In) Audio Volume: 50 | 50 |
| r input x audio vol | Get input (x=0~3) audio volume value x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In | r input 1 audio vol | Input Main(HDMI/ USB-C In) Audio Volume: 50 | |

PT-PSW-52KVM

| Command Code | Function Description | Example | Feedback | Default Setting |
|-----------------------------|---|------------------------------|---|-----------------|
| Audio Setting | | | | |
| s input x audio mute y | Set input (x=0-3) audio mute on/off (y=0-1) x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In y=0: mute off y=1: mute on | s input 0 audio mute 1 | Input Main(HDMI/ USB-C In) Audio Mute: On Input Line Audio Mute: On Input Dante Audio Mute: On | 0 |
| r input x audio mute | Get input (x=0~3) audio mute on/off x=0: all inputs (HDMI/USB-C, Line, Dante) x=1: Main In (HDMI/USB-C In) x=2: Line In x=3: Dante In | r input 0 audio mute | Input Main (HDMI/ USB-C In) Audio Mute: On Input Line Audio Mute: On Input Dante Audio Mute: On | |
| s master member x y z | Set master output member (x/y/z=0~1) x=0: Exclude HDMI/HDBT Out x=1: Include HDMI/HDBT Out y=0: Exclude Line Out y=1: Include Line Out z=0: Exclude Dante Out z=1: Include Dante Out | s master member 1 1 1 | Master Member: 111 | 111 |
| r master member | Get master output member | r master member | Master Member: 111 | |
| s master audio vol+ | Increase master output audio volume | s master audio vol | Master Audio Volume: 50 | |
| s master audio vol- | Decrease master output audio volume | s master audio vol- | Master Audio Volume: 50 | |
| s master audio vol x | Set master output audio volume value (x=0~100) | s master audio vol 50 | Master Audio Volume: 50 | 50 |
| r master audio vol | Get master output audio volume value | r master audio vol | Master Audio Volume: 50 | |
| s master audio mute x | Set master output audio mute on/off (x=0~1) x=0: mute off x=1: mute on | s master audio mute 1 | Master Audio Mute: On | 0 |
| r master audio mute | Get master output audio mute on/off status | r master audio mute | Master Audio Mute: On | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|----------------------------|---|-------------------------------|---|-----------------|
| Audio Setting | | | | |
| s output x audio vol+ | Increase output (x=0~3) audio volume x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | s output 1 audio vol+ | Output HDMI/HDBT Audio Volume: 50 | |
| s output x audio vol | Decrease output (x=0~3) audio volume x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | s output 1 audio vol+ | Output HDMI/HDBT Audio Volume: 50 | |
| s output x audio vol y | Set output (x=0-3) audio volume value (y=0~100) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | s output 1 audio vol 50 | Output HDMI/HDBT Audio Volume: 50 | 50 |
| r output x audio vol | Get output (x=0~3) audio volume value x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 1 audio vol | Output HDMI/HDBT Audio Volume: 50 | |
| s output x audio mute y | Set output (x=0-3) audio mute on/off (y=0-1) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=0: mute off y=1: mute on | s output 0 audio mute 1 | Output HDMI/HDBT Audio Mute: On Output Line Audio Mute: On Output Dante Audio Mute: On | 0 |
| r output x audio mute | Get output (x=0~3) audio mute on/off x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 0 audio mute | Output HDMI/HDBT Audio Mute: On Output Line Audio Mute: On Output Dante Audio Mute: On | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|-----------------------------------|--|---------------------------------------|--|--------------------|
| Audio Setting | | | | |
| s output x audio mix y | Set output (x=0-3) audio mix (y=1-4) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=1: Stereo y=2: Left y=3: Right y=4: Left and Right | s output 0 audio mix 1 | Output HDMI/HDBT Audio Mix: Stereo Output Line Audio Mix: Stereo Output Dante Audio Mix: Stereo | Stereo |
| r output x audio mix | Get output (x=0-3) audio mix mode x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 0 audio mix | Output HDMI/HDBT Audio Mix: Stereo Output Line Audio Mix: Stereo Output Dante Audio Mix: Stereo | |
| s output x audio delay y | Set output (x=0~3) audio delay (y=0~50) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=[0~50]: Delay Time, Millisecond | s output 0 audio delay 50 | Output HDMI/HDBT Audio Delay: 50ms Output Line Audio Delay: 50ms Output Dante Audio Delay: 50ms | 0 |
| r output x audio delay | Get output (x=0~3) audio delay value x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 0 audio delay | Output HDMI/HDBT Audio Delay: 50ms Output Line Audio Delay: 50ms Output Dante Audio Delay: 50ms | |
| s output x audio eq y val z | Set output (x=0-3) audio GEQ Index (y=1-31) to value (z=0-20) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=[1-31]: EQ Index z=[0-20]: EQ Value | s output 0 audio eq 1 val 20 | Output HDMI/HDBT Audio EQ Index 1 to Value 20 Output Line Audio EQ Index 1 to Value 20 Output Dante Audio EQ Index 1 to Value 20 Output Dante Audio EQ Preset is Flat Mode | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|---------------------------------|---|---------------------------------------|--|--------------------|
| Audio Setting | | | | |
| r output x audio eq y val | Get output (x=0-3) audio GEQ Index (y=1-31) value x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=[1-31]: EQ Index | r output 0 audio eq 1 val | Output HDMI/HDBT Audio EQ Index 1 to Value 20 Output Line Audio EQ Index 1 to Value 20 Output Dante Audio EQ Index 1 to Value 20 | |
| s output x audio eq preset y | Set output (x=0-3) audio GEQ to preset (y=1-6) x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out y=1: Flat y=2: Custom1 y=3: Custom2 y=4: Custom3 y=5: Custom4 y=6: Custom5 | s output 0 audio eq preset 1 | Output HDMI/HDBT Audio EQ Preset 1 Output Line Audio EQ Preset 1 Output Dante Audio EQ Preset 1 | 1 |
| r output x audio eq preset | Get output (x=0~3) audio GEQ preset x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | r output 0 audio eq preset | Output HDMI/HDBT Audio EQ Preset 1 Output Line Audio EQ Preset 1 Output Dante Audio EQ Preset 1 | |
| s output x audio eq reset | Set output (x=0~3) audio GEQ reset x=0: all outputs (HDMI/HDBT, Line, Dante) x=1: HDMI/HDBT Out x=2: Line Out x=3: Dante Out | s output 0 audio eq reset | Output HDMI/HDBT Audio EQ Reset Output Line Audio EQ Reset Output Dante Audio EQ Reset | |
| Single Screen S | etting | | | |
| s auto switch x | Enable/disable auto switch feature (x=0~1) x=0: Disable auto switch x=1: Enable auto switch | s auto switch 0 | Auto Switch: Off | 0 |
| r auto switch | Get auto switch feature | r auto switch | Auto Switch: Off | |

| Command Code | Function Description | Example | Feedback | Default Setting |
|-----------------------|--|-----------------------|--|-----------------|
| Single Screen Se | etting | | | |
| s input source x | Route input source to output (x=1~5) x=1: USB-C 1 x=2: USB-C 2 x=3: HDMI 3 x=4: HDMI 4 x=5: HDMI 5 | s input source 1 | Input Source: USB-C 1 | 1 |
| r input source | Get output selected input source | r input source | Input Source: USB-C 1 | |
| s fallback input x | Set fallback input source (x=0~5) x=0: Next Input x=1: USB-C 1 x=2: USB-C 2 x=3: HDMI 3 x=4: HDMI 4 x=5: HDMI 5 | s fallback input 0 | Fallback Input: Next Input | 0 |
| r fallback input | Get fallback input source | r fallback input | Fallback Input: Next Input | |
| Multiview Setti | ng | | | |
| s multiview x | Set multiview display mode (x=1-5) x=1: Single x=2: PIP x=3: PBP x=4: Triple x=5: Quad | s multiview 1 | Multiview: Single | 1 |
| r multiview | Get multiview display mode | r multiview | Multiview: Single | |
| s window x in y | Set window (x=0~4) source from (y=1~5) x=0: All Windows x=1: Window 1 x=2: Window 2 x=3: Window 3 x=4: Window 4 y=1: USB-C 1 y=2: USB-C 2 y=3: HDMI 3 y=4: HDMI 4 y=5: HDMI 5 | s window 1 in 1 | Window 1 in USB-C 1 | |
| r window x in | Get window (x=0~4) source x=0: All Windows x=1: Window 1 x=2: Window 2 x=3: Window 3 x=4: Window 4 | r window 0 in | Window 1 in USB-C 1 Window 2 in USB-C 2 Window 3 in HDMI 3 Window 4 in HDMI 4 | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|-------------------|--|----------------------|-------------------------------|-----------------|
| Multiview Setti | ng | | | |
| s PIP position x | Set PIP window position (x=1~4) x=1: Left Top x=2: Left Bottom x=3: Right Top x=4: Right Bottom | s PIP position 4 | PIP Position: Right Bottom | 4 |
| r PIP position | Get PIP window position | r PIP position | PIP Position: Right Bottom | |
| s PIP size x | Get PIP window size (x=1~3) x=1: Small x=2: Medium x=3: Large | s PIP size 3 | PIP Size: Large | 3 |
| r PIP size | Get PIP window size | r PIP size | PIP Size: Large | |
| s PBP mode x | Set PBP windows display mode (x=1~2) x=1: PBP Mode 1 x=2: PBP Mode 2 | s PBP mode 1 | PBP Mode: Mode 1 | 1 |
| r PBP mode | Get PBP windows display mode | r PBP mode | PBP Mode: Mode 1 | |
| s PBP aspect x | Set PBP windows display aspect ratio (x=1~2) x=1: Full screen x=2: 16:9 | s PBP aspect 1 | s PBP aspect 1 | 1 |
| r PBP aspect | Get PBP windows display aspect ratio | r PBP aspect | PBP Aspect: Full Screen | |
| s triple mode x | Set triple windows display mode (x=1~2) x=1: Triple Mode 1 x=2: Triple Mode 2 | s triple mode 1 | Triple Mode: Mode 1 | 1 |
| r triple mode | Get triple windows display mode | r triple mode | Triple Mode: Mode 1 | |
| s triple aspect x | Set triple windows display aspect ratio (x=1~2) x=1: Full screen x=2: 16:9 | s triple aspect 1 | Triple Aspect: Full Screen | 1 |
| r triple aspect | Get triple windows display aspect ratio | r triple aspect | Triple Aspect: Full Screen | |
| s quad mode x | Set quad windows display mode (x=1~2) x=1: Quad Mode 1 x=2: Quad Mode 2 | s quad mode 1 | Quad Mode: Mode 1 | 1 |
| r quad mode | Get quad windows display mode | r quad mode | Quad Mode: Mode 1 | |

| Command Code | Function Description | Example | Feedback | Default Setting |
|----------------------------|--|-------------------------------|--|-----------------|
| Multiview Setti | ng | | | |
| s quad aspect x | Set quad windows display aspect ratio (x=1~2) x=1: Full screen x=2: 16:9 | s quad aspect 1 | Quad Aspect: Full Screen | 1 |
| r quad aspect | Get quad windows display aspect ratio | r quad aspect | Quad Aspect: Full Screen | |
| s window x border y | Set the border(y=0-9) mode of the specified window (x=0-4) x=0: All x=1: Window 1 x=2: Window 2 x=3: Window 3 x=4: Window 4 y=0: Off y=1: Black y=2: Red y=3: Green y=4: Blue y=5: Yellow y=6: Magenta y=7: Cyan y=8: White y=9: Gray | s window 0 border 0 | Window 1 Border: Off Window 2 Border: Yellow Window 3 Border: Off Window 4 Border: Cyan | 0,0 |
| r window x border | Get the border mode of the specified window (x=0-4) x=0: All x=1: Window 1 x=2: Window 2 x=3: Window 3 x=4: Window 4 | r window 0 border | Window 1 Border: Off Window 2 Border: Yellow Window 3 Border: Off Window 4 Border: Cyan | |
| RX Setting | | | | |
| s rx input x | Set RX input source (x=1~2) x=1: HDBT IN x=2: HDMI IN | s rx input 1 | RX Input: HDBT Error,RX not ready! | 1 |
| r rx input | Get RX input source | r rx input | RX Input: HDBT | |
| r rx hdmi5v | Get RX HDMI input power 5V | r rx hdmi5v | RX HDMI 5V: 1 | |
| r rx host5v | Get RX USB host power 5V | r rx host5v | RX Host 5V: 1 | |
| s rx auto switch mode x | Set RX Auto Switch detection mode (x=1~2) x=1: TMDS x=2: 5V | s rx auto switch mode 1 | RX Auto Switch Mode: TMDS | 1 |

| Command Code | Function Description | Example | Feedback | Default Setting |
|-----------------------------|--|-----------------------------|-----------------------------------|------------------------|
| RX Setting | | | | |
| r rx auto switch mode | Get RX Auto Switch detection mode | r rx auto switch mode | RX Auto Switch Mode: TMDS | |
| s rx auto switch x | Set RX Auto Switch on/ off (x=0~1) x=0: Off x=1: On | s rx auto switch 1 | RX Auto Switch: On | 1 |
| r rx auto switch | Get RX Auto Switch on/ off | r rx auto switch | RX Auto Switch: On | |
| CEC Setting | | | | |
| s cec power on | Set CEC power on command | s cec power on | CEC Power On | |
| s cec power off | Set CEC power off command | s cec power off | CEC Power Off | |
| s auto power feature x | Set display auto power feature on/off (x=0~1) x=0: Off x=1: On | s auto power feature 1 | Auto Power Feature: On | 1 |
| r auto power feature | Get display auto power feature on/off status | r auto power feature | Auto Power Feature: On | |
| s auto power off timer x | Set auto power off command (CEC/RS-232) will be sent out after x (x=1~6) x=1: 5 sec x=2: 10 sec x=3: 30 sec x=4: 1 min x=5: 5 min x=6: 10 min | s auto power off timer 4 | Auto Power Off Timer: 1 min | 4 |
| r auto power off timer | Get auto power off timer | r auto power off timer | Auto Power Off Timer: 1 min | |
| s auto power control x | Set auto power feature control via (x=1~3) x=1: CEC x=2: RS-232 x=3: CEC and RS-232 | s auto power control 1 | Auto Power Control: CEC | 1 |
| r auto power control | Get auto power feature control type | r auto power control | Auto Power Control: CEC | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|-------------------------|--|----------------------------------|---|--------------------|
| USB Setting | | | | |
| s UsbSwitchMode x | Set USB switch mode (x=1~3) x=1: Auto mode (detect USB 5V then switch) x=2: Manual mode x=3: Follow video (HDMI 3 bind with USB Host 3) | s UsbSwitchMode 1 | UsbSwitchMode: Auto mode | 1 |
| r UsbSwitchMode | Get USB switch mode | r UsbSwitchMode | UsbSwitchMode: Auto mode | |
| s UsbManual x | Set USB manual switch (x=1-3) x=1: USB-C 1 x=2: USB-C 2 x=3: USB Host 3 | s UsbManual 3 | UsbManual: USB Host 3 | 1 |
| r UsbSwitchStatus | Get USB switch status | r UsbSwitchStatus | UsbSwitchStatus: USB-C 1 | |
| RS-232 Setting | | | | |
| s serial x setting Y | Set serial port (x=0-2) setting to y x=0: All RS-232 (Local and HDBT) x=1: Local RS-232 x=2: HDBT RS-232 y= 115200-8n1 Baud rate: 115200/57600/56000/ 38400/19200/9600/4800 /2400 Data bits: 7/8 Parity: n (None) /o(Odd) / e(Even) Stop bits: 1/2 | s serial 0 setting 115200-8n1 | Local RS-232: 115200-8n1 HDBT RS-232: 115200-8n1 | 115200- 8n1 |
| r serial x setting | Get serial port (x=0~2) setting x=0: All RS-232 (Local and HDBT) x=1: Local RS-232 x=2: HDBT RS-232 | r serial O setting | Local RS-232: 115200-8n1 HDBT RS-232: 115200-8n1 | |
| Preset Setting | | | | |
| s preset save x | Save the current unit's settings to the specified preset (x=1~5) All settings except network setting. x=1: Preset 1 x=2: Preset 2 x=3: Preset 3 x=4: Preset 4 x=5: Preset 5 | s preset save 1 | Preset Save: Preset 1 | |

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| Command Code | Function Description | Example | Feedback | Default Setting |
|----------------------|--|----------------------------------|---|---|
| Preset Setting | | | | |
| s preset recall x | Recall a specified preset into unit (x=1-5) All settings except network setting. x=1: Preset 1 x=2: Preset 2 x=3: Preset 3 x=4: Preset 4 x=5: Preset 5 | s preset recall 1 | Preset Recall: Preset 1 | |
| s preset clear x | Clear a specified preset into unit (x=1-5) All settings except network setting. x=1: Preset 1 x=2: Preset 2 x=3: Preset 3 x=4: Preset 4 x=5: Preset 5 | s preset clear 1 | Preset Clear: Preset 1 | |
| s preset x name y | Set preset (x=1~5) name to y (16 characters max) x=1: Preset 1 x=2: Preset 2 x=3: Preset 3 x=4: Preset 4 x=5: Preset 5 | s preset 1 name MeetingRoom 1 | Preset 1 Name: MeetingRoom 1 | |
| r preset x name | Get preset (x=1~5) name x=1: Preset 1 x=2: Preset 2 x=3: Preset 3 x=4: Preset 4 x=5: Preset 5 | r preset x name | Preset 1 Name: MeetingRoom 1 | |
| Network Setting | 5 | | | |
| r ipconfig | Get the Current IP Configuration | r ipconfig | IP Mode: DHCP IP: 192.168.62.106 Subnet Mask: 255.255.255.0 Gateway: 192.168.62.1 TCP/IP port: 4001 Telnet port: 23 MAC: 6C:DF:FB:0C:B3:8E (Static: 169.254.100.200 255.255.0.0 169.254.100.1) | default static IP is 192.168.0.178/ 255.255.0.0/ 192.168.0.1 |

| Command Code | Function Description | Example | Feedback | Default Setting |
|--------------------------------|---|----------------------------|--|--------------------|
| Network Setting | g | | | |
| r mac addr | Get network MAC address | r mac addr | MAC: 6C:DF:FB:0C:B3:8E | |
| s ip mode x | Set network IP mode to static IP or DHCP (x=0~1) x=0: Static x=1: DHCP | s ip mode 0 | IP mode: Static (Please use "s net reboot!" command or repower device to apply new config!) | 1 |
| r ip mode | Get network IP mode | r ip mode | IP mode: DHCP | |
| s ip addr xxx. xxx. xxx.xxx | Set network IP address | s ip addr 192.168.1.178 | IP address: 192.168.1.178 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config static address, set DHCP off first. | |
| r ip addr | Get network IP address | r ip addr | IP: 192.168.62.106 | |
| s subnet xxx.xxx.xxx | Set network subnet mask | s subnet 255.255.255.0 | Subnet Mask: 255.255.255.0 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config subnet mask, set DHCP off first. | |
| r subnet | Get network subnet mask | r subnet | Subnet Mask: 255.255.255.0 | |
| s gateway xxx.xxx.xxx | Set network gateway | s gateway 192.168.1.1 | Gateway: 192.168.1.1 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config gateway, set DHCP off first. | |

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| Command Code | Function Description | Example | Feedback | Default Setting | | | | |
|--------------------------|--|---------------------------|--|--------------------|--|--|--|--|
| Network Setting | | | | | | | | |
| r gateway | Get network gateway | r gateway | Gateway: 192.168.1.1 | | | | | |
| s tcp/ip port x | Set network TCP/IP port (x=1~65535) | s tcp/ip port 4001 | TCP/IP port: 4001 | 4001 | | | | |
| r tcp/ip port | Get network TCP/IP port | r tcp/ip port | TCP/IP port: 4001 | | | | | |
| s telnet port x | Set network telnet port (x=1~65535) | s telnet port 23 | Telnet port: 23 | 23 | | | | |
| r telnet port | Get network telnet port | r telnet port | Telnet port: 23 | | | | | |
| s net reboot | Reboot network modules | s net reboot | Search for IP, Please wait! IP Mode: DHCP IP: 192.168.62.106 Subnet Mask: 255.255.255.0 Gateway: 192.168.62.1 TCP/IP port: 4001 Telnet port: 23 MAC: C:DF:FB:0C:B3:8E (Static: 169.254.100.200 255.255.0.0 169.254.100.1) | | | | | |
| Password Setting | | | | | | | | |
| s admin password x | Set admin login password (x=[16 characters max]) | s admin password admin | admin password: admin | admin | | | | |
| r admin password | Get admin login password | r admin password | admin password: admin | | | | | |
| s user password x | Set user login password (x=[16 characters max]) | s user password user | user password: user | user | | | | |
| r user password | Get user login password | r user password | user password: user | | | | | |

Note: The feedback of the command of "r status" is as following.

| ======== | | | ========== | | | | | |
|---|--|--|--|--|--|---|---------------------------------|--|
| Status Info | | | | | | | | |
| TX 1.01.04 Web check Scaler 20230626-15 FPGA 2.00.05 RX 1.18.02 | | | | | | | | |
| Input USB-C 1 USB-C 2 HDMI 3 HDMI 4 HDMI 5 | Cable Connected Connected Connected Disconnect | Resolution 1920x1080p60 1920x1080p60 3840x2160p60 3840x2160p60 None | ColorSpace RGB RGB RGB YUV 4:4:4 None | ColorDepth 8bit 8bit 8bit 8bit None | HDCP 1.4 1.4 2.2 Off None | EDID AUTO 4K2K60_ AUTO User Def AUTO | 444, Stereo Audio 2.0 ined 2 | |
| Output HDMI OUT HDBT OUT | Cable Connected Connected | Resolution 3840x2160p60Hz 3840x2160p60Hz | ColorSpace RGB RGB | ColorDepth 8bit 8bit | HDCP 2.2 2.2 | AVMute On On | Source 1/2/3/4 1/2/3/4 | |
| Power Key Beep IR UsbcAccessNetwork FanSpeed Temp(C) Baud On On On Auto 65 9600 | | | | | | | | |
| TCP/IP Telnet MAC 4001 23 6C:DF:FB:0C:B3:8E | | | | | | | | |
| DHCP I On 1 (Static: 1 | P 192.168.062.1 ² 192.168.000.1 | Gateway 11 192.168.062.0 00 192.168.000.0 | Subnet 01 255.25 01 255.25 | Mask 5.000.000 5.000.000) | | | | |

8. Usage Precaution

- Make sure all components and accessories included before installation.
- System should be installed in a clean environment with proper temperature and humidity.
- All of the power switches, plugs, sockets, and power cords should be insulated and safe.
- All devices should be connected before power on.

9. System Diagram

The following diagrams illustrate typical input and output connections that can be utilized with this device:



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User Manual PT-PSW-52KVM

Note 1. The receiver has 2 modes - HDMI and HDBaseT.

Note 2. In **HDBaseT mode** the camera, touch screen, keyboard and mouse can all be controlled by the TX host PC.



Note 3. When the Receiver is set to **HDMI mode**, The RX laptop ONLY has access to the touch screen and camera, but NOT the Keyboard and mouse.

Note 4. Key board control in HDBT mode - A host at the TX side can be controlled by mouse or keyboard attached to the RX.



BUT a host at the RX side and a mouse or keyboard at TX side will not work.



10. After-Sales Service

If there appear some problems when running the product, please check and deal with the problems referring to this user manual. Any transport costs are borne by the users during the warranty.

1) Product Limited Warranty: This product will be free from defects in materials and workmanship for three years (The purchase invoice shall prevail).

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

2) What the warranty does not cover (servicing available for a fee):

- Warranty expiration.
- Factory applied serial number has been altered or removed from the product.
- Damage, deterioration or malfunction caused by:
 - Normal wear and tear.
 - Use of supplies or parts not meeting our specifications.
 - No certificate or invoice as the proof of warranty.
 - The product model showed on the warranty card does not match with the model of the product for repairing or had been altered.
 - Damage caused by force majeure.
 - Servicing not authorized by distributor.
 - Any other causes which does not relate to a product defect.
 - Delivery, installation or labor charges for installation or setup of the product.

3) Technical Support: For any questions or problems, contact your distributor or reseller and tell them the respective product name and version, the detailed failure situation as well as the formation of the cases.

Asking for Assistance

Technical Support:

Phone: +49 5971 800299 - 0 Fax: +49 5971 800299 - 99

Technical Support Hours:

8:30 AM to 5:00 PM Monday thru Thursday 8:30 AM to 4:00 PM Friday

Write to:

PureLink GmbH Von-Liebig-Straße 10 D - 48432 Rheine

www.purelink.de info@purelink.de