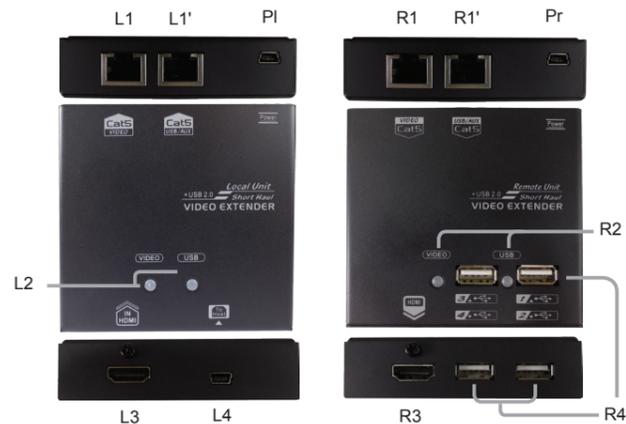


Specifications

VALUE KVM HDMI Extender Cat5, 4xUSB, 60m	Local Unit (Transmitter)	Remote Unit (Receiver)
Input	HDMI x 1	RJ-45 x 2
Output	RJ-45 x 2	HDMI x 1
EQ Adjustment	Auto	
USB 2.0	Mini-USB x 1	USB-A x 4
LED (Power / Video Status)	Video (Status) x 1 USB x 1	Video (Status) x 1 USB x 1
Video Resolution (max.)	1080p	
Extension Distance*	40M (CAT5e) @ 1080i (8bit x 3)	
	30M (CAT5e) @ 1080p (8bit x 3)	
	50M (CAT6) @ 1080i (8bit x 3)	
	40M (CAT6) @ 1080p (8bit x 3)	
Enclosure	Metal	
Power Supply	USB BUS Power (DC 5V each unit)	

*Above video resolution and extension distance are based on CAT5e/6 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.

Product Description



Local Unit (Transmitter)	L1	(Video) RJ-45 Jack	Use a CATx cable for connection to Remote Unit (Receiver)
	L1'	(Aux) RJ-45 Jack	Use a CATx cable for connection to Remote Unit (Receiver)
	L2	LED Indicator	Please see LED Indicator
	L3	Video In	Connect to HDMI source
	L4	USB Connector	Connect to PC
PI	Power Supply	(Optional) Apply Power to the unit	
Remote Unit (Receiver)	R1	(Video) RJ-45 Jack	Use a CATx cable for connection to Local Unit (Transmitter)
	R1'	(Aux) RJ-45 Jack	Use CATx cable for connection to Local Unit (Transmitter)
	R2	LED Indicator	Please see LED Indicator
	R3	Video Out	Connect to HDMI display
	R4	USB Connector	Connect to USB devices
	Pr	Power Supply	Apply Power to the unit

Features

- Extend HDMI signal and 4 USB up to 60 meters @ 1080i (CAT6)
- Auto EQ (Sharpness) adjustment for optimal signal clarity
- Fully compatible with HDMI standard by DDWG
- HDTV compatible; support most of the popular screen resolution to XGA, SXGA, UXGA, WSXGA... Full HD system
- 3D-video, HDCP compliant and Blu-ray ready
- Plug-and-Play allows you to add or remove devices at any time
- Easy to install and simple to set up
- No software needed or driver required
- Suitable for most of popular USB devices (USB web cams, USB printers, USB Scanner, external hard disk drives)
- Unique mechanism design of two ports on top for easily connecting USB peripherals.

Exclusive EDID Function

- Read and store (record) the EDID from the connecting display to the video extension system
- Alternatively perform the copied EDID when one CATx cable connected without HDCP compliant and USB function
- EDID Auto Copy when two CATx cables are connected

Package Contents

Video Extender Local Unit (Transmitter)	x 1
Video Extender Remote Unit (Receiver)	x 1
Power Supply Set	
a. USB Power Cable	x 2
b. Power Adapter	x 1
User's Manual	x 1
Foot Pad Set	x 2

System Requirements

- HDCP compliant monitors with HDMI interface for the HDCP video source
- High-quality CAT5/5e/6 Cable (EIA / TIA 568B industry standard compliant)
- High-quality HDMI Cable

User's Manual

Short Haul HDMI + USB Video Extender over CAT5 x 2 cable

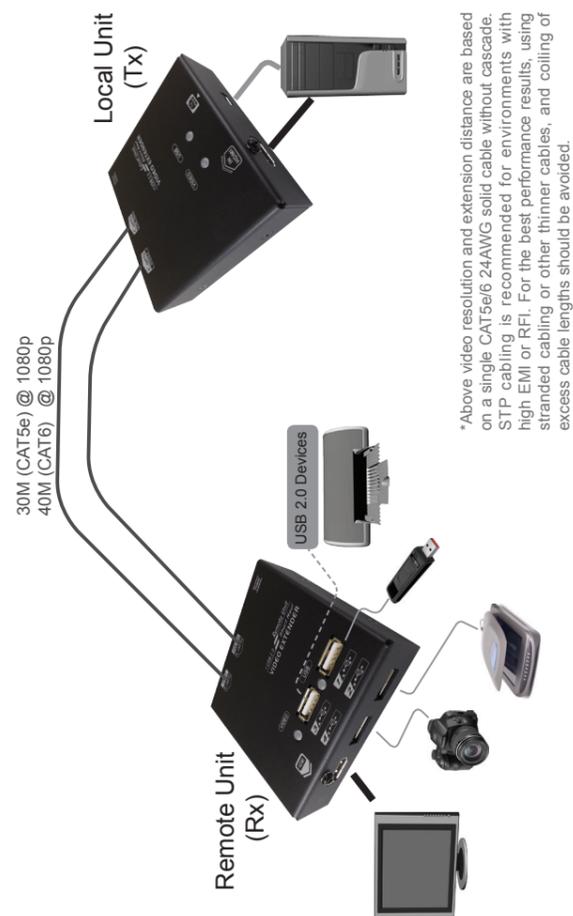


VALUE KVM HDMI Extender Cat5, 4xUSB, 60m

- The final specification is the actual product based.
- Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

PP5-SVD476Z-041 CE FC RoHS

Connection Patterns



*Above video resolution and extension distance are based on a single CAT5e/6 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.

Installation

Before Installation

- Determine where the Local and Remote Unit will be located.
- Use CATx Cable (EIA / TIA 568B industry standard compliant) for the interconnection between Local and Remote Unit.
- The Extender is HDCP compliant and required to use the HDCP-compliant display when it is connecting to the HDCP video source
- Never attempt to disassemble or reassemble the enclosure for any purpose. This may cause personal injury and/or property damage.

Local Unit (Transmitter)

- Connect a video source to the video input port of the Local Unit (Transmitter) using a male to male video cable.
- Connect a CATx cable from Local Unit (L1) to Remote Unit (R1).
- Connect a CATx cable from Local Unit (L1') to Remote Unit (R1').
- Use a mini-USB to USB-A cable to connect PC to Local Unit
- *(Optional) Power on the unit.

*The video source can supply power from HDMI connector. If the source can not supply more than 130mA, the screen will be blackout. We would suggest to apply power to Local Unit from a power source.

Remote Unit (Receiver)

- Connect a monitor to the video output port of the Remote Unit (Receiver) using a male to male video cable.
- Power on the unit.

NOTE: The quality of the output signal will depend largely upon the quality of video source, cable, and display device used. Low-quality cables degrade the output signal causing elevated noise levels. Use the proper cable and make sure the display device can handle the resolution and refresh rate selected.

LED Indicator

Status	USB LED (Local & Remote Unit)
CAT5 (AUX/USB) detected	Steady Yellow
CAT5 (AUX/USB) non-detected	OFF

Video LED (Local & Remote Unit)	Monitor	CAT5 (Video)	CAT5 (AUX/USB)
Steady Green (Local)			
Steady Red (Remote)	N/A	N/A	N/A
Emit Blue and goes off three times	Detected	Detected	Detected
Emit Blue and goes off twice	Detected	Detected	N/A
Flash Blue Once	N/A	Detected	N/A
OFF	N/A	N/A	Detected

EDID Configuration

In some cases display problems may occur due to incorrect EDID communication between the display monitor and the unit or inappropriate EDID data programmed by display manufactures. This EDID Copy feature allows the system either automatically provide the necessary EDID to display from EDID compliant displays via push button.

EDID Auto Copy

The system can automatically copy EDID from your display while two RJ-45 ports (Video & AUX/USB) are in connection.

NOTE: The unit will use the last EDID data when CAT5 (AUX/USB) cable is not detected.

Product Limitation

The source computer can not enter in S-States (Sleeping States), or it would cause USB extension function failure when the source computer wakes up.

- DO NOT press "Sleep" (on the operating system desktop / on the keyboard) when users operate the units, or it would cause the situation.
- For saving power, the computer would be set auto sleep time in "Put the computer to sleep". Please select "None" to avoid the situation.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT, LOSS OF BUSINESS, OR FINANCIAL LOSS WHICH MAY BE CAUSED BY THE USE OF THE PRODUCT EXCEEDS THE PRICE PAID FOR THE PRODUCT.

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