

DVDO

DVDO-Xtend-HDMI-USB

4K30 HDMI 100m Extender
Over HDBaseT with USB (Tx/Rx)



DVDO-Xtend-HDMI-USB is an HDBaseT extender that can transmit HDMI and USB signals up to 328ft/100m via a single CAT6 cable. It supports video resolutions up to 4K@60Hz.

The transmitter includes 1 HDMI + 1 USB-B ports for connections to a host device.

The receiver includes 3 USB-A device ports for peripherals as well as 1 HDMI output to connect to a display.

It supports one-way PoC, allowing the Tx to power the Rx over the category cable.

It can be controlled via RS232 or USB and includes LED indicators on both Tx and Rx front panels for power, HDBT link and HDCP.

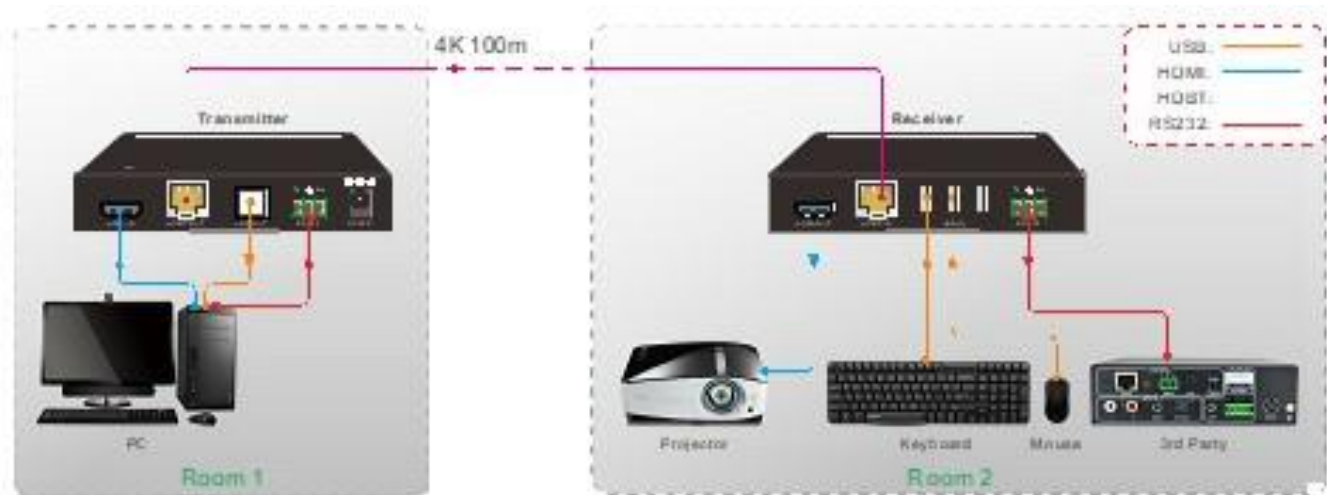
Features

- HDMI 1.4 and HDCP 2.2 compliant
- Supports video resolutions up to 4K@60Hz
- Transmission distance: up to 328ft/100m at 4K60 or 1080p60 with CAT6 cable
- HDMI & USB-B ports for host device on Tx
- Three USB device ports for peripherals & HDMI output on Rx
- EDID pass-through
- Front panel LED indicators for power, HDBT link and HDCP
- One-way PoC (Tx powers the Rx)
- RS232 & USB control
- Compact design for easy and flexible installation

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Technical	
Compliance	HDMI 1.4 / HDCP 2.2
Video Resolution & Bandwidth	Up to 4K@60Hz 4:2:0 / 10.2Gbps
HDMI Audio Formats	PCM, Dolby Digital, DTS, DTS-HD
Transmission Distance	328ft/100m for 4K@60Hz & 1080p@60Hz resolutions (CAT6 cable)
EDID Management	EDID pass-through
Connections	
Transmitter	Inputs: 1 x HDMI IN [19-pin Type A female] Outputs: 1 x HDBT OUT [RJ45, 8-pin female] 1 x USB OUT [Type-A USB] Control: 1 x RS232 [3-pin pluggable terminal block]
Receiver	Inputs: 1 x HDBT IN [RJ45, 8-pin female] 1 x USB IN [Type-A USB] Outputs: 1 x HDMI Type A [19-pin female] Control: 1 x RS232 [3-pin pluggable terminal block]
Mechanical	
Housing	Black metal enclosure
Dimensions	116 (W) x 95 (D) x 22 (H) mm
Product Weight	Transmitter: 197g / Receiver: 198g
Power Supply	Input: 100-240V AC / Output: 12V / 12A DC
Power Consumption	18W (max)
Operating Temperature	-5°C to 55°C (23°F to 131°F)
Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Relative Humidity	10% to 90%