

4K HDMI/USB-C HDBaseT WALL PLATE EXTENDER WP100

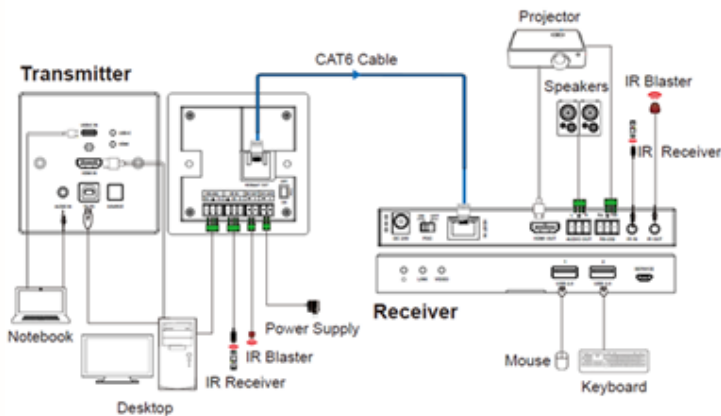


FEATURES

This 4K60 HDMI/USB-C 2x1 HDBT Wall-plate Transmitter supports one HDMI input and one USB-C that fits on a standard 86mm×86mm wall box. It can transmit HDMI high-definition signal, bidirectional IR control signal, bidirectional RS-232 control signal and USB 2.0 signal over CAT6 to the distance up to 328ft/100m (HBT mode) or 492ft/150m (LRM mode). Video resolution is up to 4K2K@60Hz (4:4:4).

- HDMI 2.0b, HDCP 2.2/1.x and DP1.2a compliant
- Video resolution up to 4K60Hz RGB/YCbCr 4:4:4
- Up to 328ft/100m for 4K60/4K30/1080P on HBT mode
- Up to 492ft/150m for 4K30/1080P on LRM mode
- USB support 5.4Gbps bandwidth
- Fit on standard 86 x86 mm wall box

APPLICATION EXAMPLE



SPECIFICATION

Technical

Bandwidth	- 18Gbps (HDMI) - 5.4Gbps (USB-C)
Compliance	- HDMI 2.0b - HDCP 2.2
Compression Standard	- HDBT
Transmission Distance	- LRM Mode: 492FT/150m (4K30/1080P) - STD-HBT Mode: 328ft/100m (4K60/4K30/1080P)
Video Resolution	- Up to 4K60Hz 4:4:4
Colour Space	- RGB / YCbCr 4:4:4, YCbCr 4:2:2 / 4:2:0
Colour Depth	- 8/10/12-bit
HDMI Audio Format	- LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

Transmitter

HDBT	- 1 x RJ45 (Female)
Video Input Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3.5mm Stereo Mini Jack (Audio In) - 1 x USB-C - 1x USB-B - 1 x 3pin-3.81mm Phoenix Connector (RS232) - 1 x 3pin-3.81mm Phoenix Connector (IR In) - 1 x 2pin-3.81mm Phoenix Connector (IR Out)

Receiver

HDBT	- 1 x RJ45 Female
Video Output Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3pin-3.81mm Phoenix Connector (Audio Out) - 1 x Micro USB (for update) - 2x USB-A - 1 x 3pin-3.81mm Phoenix Connector (RS232) - 1 x 3pin-3.81mm Phoenix Connector (IR In) - 1 x 2pin-3.81mm Phoenix Connector (IR Out)

Power

Power supply	- Input: AC 110-240V 50/60Hz - Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	- 12.48W (max)

General

Physical Dimension (W x D x H)	- 86 x 86 x 38 mm (wall Plate) - 140 x 65 x 18 mm (receiver)
Weight	- 0.234kg (wall plate) - 0.377kg (receiver)
Housing	- Aluminum in White (wall plate) - Metal (receiver)
Operating Temperature	- 0 - 40 °C
Storage Temperature	- -20 - 60 °C
Relative Humidity	- 20 - 90% RH (no condensation)

Safety

ESD Protection	- Human body model - ±8KV (Air-gap discharge) & ±4KV (Contact discharge)
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