

PureLink

BEYOND 4K

HWCE-II 4k60 Wallplate Extender System



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Features

- HDMI input supports up to 18Gbps video bandwidth
- USB-C input supports 5.4Gbps video bandwidth
- Video resolution up to 4k 50/60Hz 4:4:4
- CAT6 can extend video transmission distance up to 164ft/50m for 4k@24 or 115ft/35m for 4k@60 via a single Cat5e/6 cable.
- Supports 3D, HDR10, and Dolby Vision
- HDMI audio formats support LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- Support HDMI and USB-C input
- With USB-C charging port
- US one-gang enclosure for Decora-style wall plate openings
- Input signal selection supports automatic mode and manual mode
- Support POC function (only from Receiver to Transmitter)
- Available in white or black

Specifications

- RX: 12VDC Power Adapter TX: Powered (PoC) by RX
- LPCM, Dolby Digital/Plus/EX/True HD, DTS, DTS-EX/96/24/High Res/HD Master Audio, DSD
- HDMI 2.0b 4K60 4:4:4 HDR, HDR10, & Dolby Vision
- HDBaseT: 4K60 4:4:4 @ 115 FT, 4K24 4:4:4 @ 164 FT

What's in the box

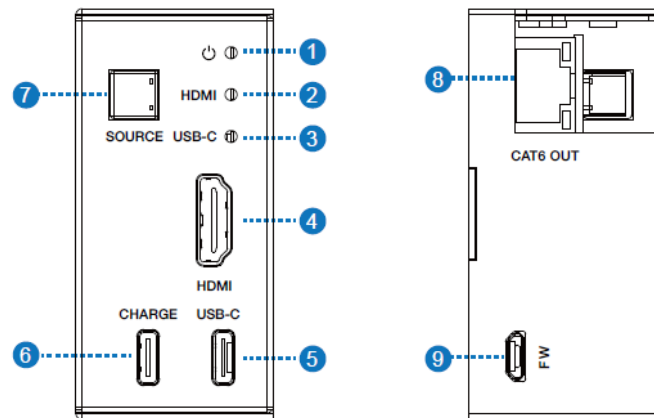
- Q.1 TX Wallplate
- Q.1 RX Enclosure
- Q.1 Power Supply
- Q.1 RX Mounting Tabs
- Q.1 White Decora Plate TX

Product Description

PureLink's HDTools™ **HWCE II Tx/Rx** is a single-gang HDMI and USB C Switching Wall Plate Extension System providing Ultra HD/4K60 4:4:4 HDR signal transmission over a single CAT cable to distances up to 115 feet or extend 4K24 4:4:4 HDR up to 164 feet. The HWCE II is HDCP 2.2 compliant and supports HDMI 2.0b and DisplayPort 1.2a, as well as many audio formats. The HWCE II Transmitter is powered by the Receiver (PoC).

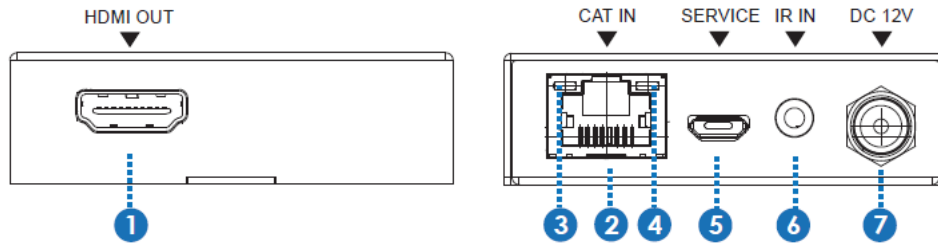
Operation Controls & Functions

Transmitter Panel



- 1. Power LED:**
 - The LED indicator will illuminate green when the product is powered on and red when the product is on standby
- 2. HDMI LED:**
 - When the HDMI input port is active and the HDMI signal is detected, the green LED will turn on
- 3. USB-C LED:**
 - When the USB-C port is active and detects a HDMI signal, the green LED will turn on
- 4. HDMI Port:**
 - HDMI input port, connect to HDMI source device
- 5. USB-C Port:**
 - USB-C signal input port OR a charge port for devices with USB-C port
- 6. Charge Port:**
 - Connect this port to the power supply, then the USB-c will power any connected devices
- 7. Source Button:**
 - Used to switch HDMI/USB-C input signals
- 8. CAT6 OUT:**
 - Connect to the CAT IN port of the receiver with a Cat5e/6 cable.
- 9. FW Port:**
 - Used to update firmware

Receiver Panel



1. **HDMI Out:**
 - HDMI output port, connect with an HDMI display device with an HDMI cable
2. **CAT IN:**
 - Connect to the CAT6 OUT port on the transmitter with a CAT cable.
3. **Power Indicator Lamp:**
 - When the receiver is powered on. The power indicator will turn on a green indicator lamp
4. **Date Signal Indicator Lamp (Orange):**
 - When a signal transmission occurs between the transmitter and receiver, an orange lamp will turn on.
5. **Service Port:**
 - Used for firmware update(s)
6. **IR IN:**
 - IR Signal input port, connect to the IR Receiver cable
7. **DC 12V:**
 - Plug DC 12v/1A power supply into the unit and connect the adapter to an AC outlet
 - **The CAT Receiver provides power for the transmitter via a CAT cable

Transmitter Modes

Manual Switching Mode:

- Press SOURCE button to select between HDMI and USB-C input source

Automatic Switching Mode:

- The last or currently connected source will be selected automatically; When both HDMI and USB-C ports are connected to activate a signal; HDMI signal input will be put first/preferred

Installation

- Transmitter goes into single gang box
- Receiver has mounting tabs to be mounted to an object

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For order support, please contact your local dealer.
For technical support, please contact us at support@purelinkav.com.

Warranty

PureLink Three (3) Year Limited Warranty for PureStream™ Branded Products Only

Dtrovision, LLC. (hereinafter “PureLink”) warrants its HDTools and PureStream™ branded products (hereinafter “Product”) purchased directly from PureLink or Dealer shall be free from defects in workmanship and materials, under normal use and service, for a period of three (3) years on parts and three (3) years on labor. Any repaired or replaced equipment related to Product shall be covered only under the remaining portion of the warranty. This warranty has no relationship to and exists independently of any warranty offered by Dealer. This warranty is a limited warranty and gives you specific legal rights. You may also have other rights which vary from state to state.

TERMS & CONDITIONS

PureLink shall repair or replace the Product if it develops a material fault during the period of warranty, on condition that i) the Product has only been subject to normal use in a domestic or commercial environment in a manner consistent with its specification and functionality, ii) the Product has been cared for reasonably and only subjected to reasonable wear and tear, iii) the defect has not been caused by willful or negligent abuse or neglect, or any accident or improper installation procedure, iv) the serial number of the Product has not been altered or removed.

This warranty only applies to the original purchaser, and shall be the exclusive remedy to the original purchaser. PureLink shall not be liable for any damages whatsoever caused by Product or the failure of Product to perform, including incidental or consequential damages. PureLink shall not be liable for any claim made by a third party or made by the purchaser for a third party.

Except as expressly set forth in this warranty, PureLink makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. PureLink expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

WARRANTY RETURNS/REPAIRS/EXCHANGES

No merchandise may be returned without prior authorization from PureLink, and a Return Materials Authorization (RMA) number. Failure to comply with these conditions will result in rejection of the returned merchandise.

Any warranty service on Products must be arranged through Dealer. Authorized returns must be shipped freight prepaid and fully insured to PureLink, Ramsey, NJ USA, with the RMA number clearly marked on the outside of all shipping boxes and containers. PureLink reserves the right at its sole discretion to refuse any shipments arriving freight collect or without an RMA number. Any authorized returned merchandise must be accompanied by a note describing the reason for return, along with contact information including name, phone number, return mailing and shipping addresses, e-mail address, and RMA number.

On any products returned and accepted with an RMA number, return freight charges following repair of items under warranty shall be paid by PureLink, shipping by the standard ground carrier of its choice.

ADVANCE WARRANTY REPLACEMENTS

Purelink HWCE-II User Manual V1.4

PureLink's advance replacement service offers a Replacement Unit upon request - free of charge for eligible products purchased less than one (1) year of the warranty claim. Products purchased more than one (1) year prior to the warranty claim do not qualify for advance replacement services.

Advance replacement requests must be validated by a member of PureLink's Technical Support Team. Replacement units may be new or refurbished and is subject to availability. PureLink is responsible for shipping the Replacement Unit to your designated location by standard ground service. All other shipping methods will be responsibility of the Dealer.

Original Unit Return – the Original Unit must be returned within thirty (30) calendar days of the return authorization date. Failure to return the Original Unit within this period will be subject to a minimum 15% re-stocking fee. Dealer is solely responsible for the shipping of the Original Unit to PureLink.

TO MAKE A WARRANTY CLAIM

To make a warranty claim, promptly notify PureLink within the warranty periods described above by calling PureLink's Technical Support Department at 1-201-488-3232. PureLink, in its sole discretion, will determine what action, if any, is required under this warranty.

Most problems can be corrected over the phone through close cooperation between Customer and a PureLink technician. To better enable PureLink to address a warranty claim, please have the Product's serial and model numbers. If PureLink, in its sole discretion, determines that an on-site visit or other remedial action is necessary, PureLink may send a representative to Customer's site.

CUSTOMER SERVICE

Technical support inquiries can be submitted electronically through the PureLink website at www.purelinkav.com. For immediate assistance please contact PureLink's Customer Care Team at

+1 (201) 488-3232