

PureLink

BEYOND 4K

HWCE IV

4K60 Wallmount 100m Extender System



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Introduction

Features

- Compliant with HDMI 2.0b, HDCP 2.2 and DisplayPort 1.2a
- Support 18Gbps video bandwidth
- Video resolution up to 4K@60Hz 4:4:4
- HDBaseT output can extend video transmission distance up to 328ft @ 4K60 (100 meters) / 230ft / 70m for 1080P or 131ft / via a single CAT6/6a/7 cable
- Support HDR10 and HDR10+
- Audio formats support Dolby Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High Resolution Audio, 5.1; PCM 2-8Ch
- Support HDMI and USB-C input
- US one-gang enclosure for Decora-style wall plate openings
- Input signal selection supports automatic mode and manual mode
- USB2.0 extension with Receiver
- Support POE function (only from Receiver to Transmitter)
- Local HDMI priority input on RX

Specifications

- HDR10, HDR10+
- Up to 12-bit color depth
- RGB, YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0
- Video bandwidth up to 18 Gbps

What's in the Box

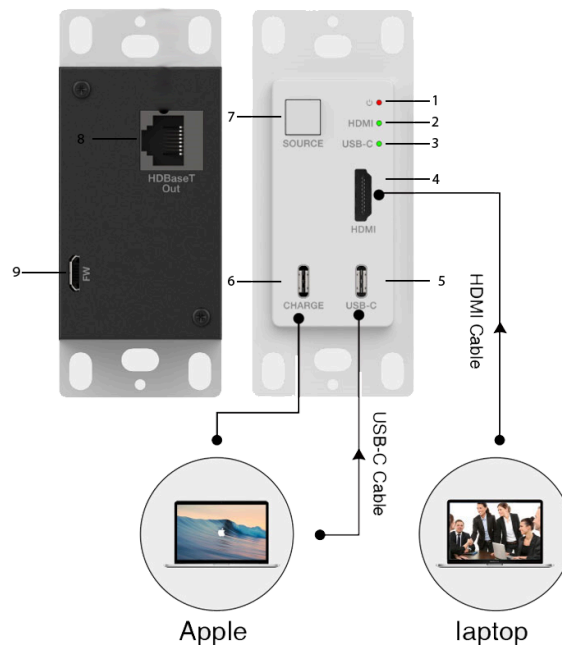
- Q.1 TX Wallplate
- Q.1 RX Enclosure
- Q.1 Power Supply
- Q.1 RX Mounting Tabs
- Q.1 White Decora Plate

Product Description

The **HWCE IV** HDBaseT extender system provides 328 feet (100 meters) of full 4K60 4:4:4 HDR10+ extension. The wallplate transmitter is powered by the receiver (PoC), and allows manual or automatic switching (last or currently connected, with HDMI priority) between the HDMI and USB-C inputs. The Receiver provides a local auto switching HDMI 4K60 input.

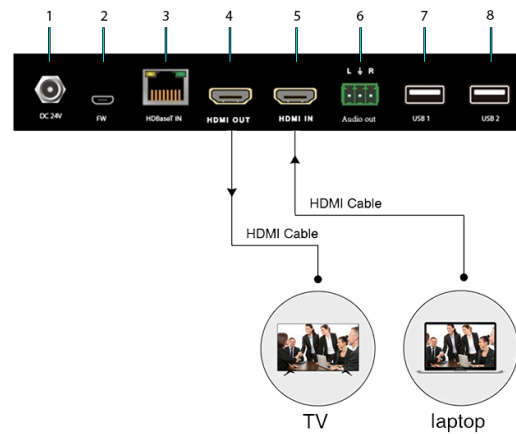
Operation Controls and Functions

Transmitter Panel



- 1. Power LED:** The POWER 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 port is active and an HDMI signal is detected, a green LED will turn on.
- 3. USB-C LED:** When the USB-C input port is active and a USB-C signal is detected, a 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 Charging port for devices with a USB-C port.
- 6. Charge Port:** Connect this port to the power supply, then the USB-C port will power the connected device.
- 7. Source Button:** Used to switch the source(s) between HDMI/USB-C.
- 8. HDBaseT OUT:** Connect to the HDBaseT IN port of the receiver with a CAT6/6a/7 cable
- 9. Micro USB:** Firmware update port.

Receiver Panel



1. **DC 24V:** DC 24V power supply port
2. **FW:** Firmware update port
3. **HDBaseT IN:** Connect to the HDBaseT OUT port of the transmitter with a CAT6/6a/7 cable.
4. **HDMI OUT:** HDMI outport port, connect to HDMI display device.
5. **HDMI IN:** HDMI input port, connect to HDMI source device.
6. **Audio OUT:** Analog audio output port.
7. **USB Port:** USB port for KVM function
8. **USB Port:** USB Port for KVM function.

Transmitter Modes

Manual Switching Mode:

- Press the SOURCE button to select HDMI/USB-C input source

Automatic Switching Mode:

- The last connected or currently connected source will be selected automatically. When BOTH HDMI and USB-C are CONNECTED with an active signal, HDMI signal will override USB-C. When both HDMI and USB-C ports are NOT connected to active signal, it will switch to the source signal of the receiver.

Installation

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

Warranty

PureLink Five (5) 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 Five (5) years on parts and Five (5) 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.

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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, Fair Lawn, 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'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