

Pro.2

HDMI2.0 + Type-C Extender Wallplate to Box kit

Support 70M 4K60Hz, POC, S/PDIF, Audio Extraction

Model: HDC6WP2

OPERATION MANUAL





1 This product is warranted for 12 months from the date of purchase.

Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.

- 2** This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.

3 If warranty service is required you should:

- Telephone the Customer Care Centre on 1300 662 946
- Provide a copy of your purchase receipt that shows retailer's identity and date of purchase.
- Send or bring the product to your Customer Care Centre. Please note that freight to and/or from your Customer Care Centre must be arranged by you.

- 4** The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET
(OR SIMILAR PROOF OF PURCHASE)
SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**TROUBLE SHOOTING HELP LINE
(03) 9321 8300**

**Customer Care Centre
562 Spencer Street, West Melbourne
VICTORIA 3003**

Pro.2
Providing AV Solutions

This advice does not limit, override or later your guaranteed rights under the Australian Consumer Law, including remedies for any failure of the Consumer Guarantees, which may include repair or replacement or it a Major Failure (as defined under the Australian Consumer Law) a replacement or refund. These guaranteed rights cannot be varied by Pro.2 or retailers of its products and have no set time limit.

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Notice

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

Features

- HDMI2.0 + Type-C Extender in North American standard Wallplate to Box Kit
- Support HDMI or USB-C in, switch by the Switch button on the faceplate
- Transmit up to 70m(229ft) under 1080p or 4K60Hz YUV4:4:4 over single Cat5e/6 cable
- Type-C input(USB3.0) support 4K60hz, PD power charging(65W max)
- HDCP2.2/ 1.4 Compliant
- Support EDID management
- Support HDR10, POC and RS232 pass through
- Support one way wide band IR Pass through
- Support S/PDIF and PCM2.0 analog audio extraction(at RX)
- Support Dolby True HD, PCM and DTS-HD master audio 7.1CH
- Support RS232/ Micro USB port to upgrade new firmware
- Support Auto detect and switch to either one of the source when there is a signal

SPECIFICATIONS

Operating Temperature Range	-5 to +40°C(+23 to +104°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Connectors on Transmitter	HDMI Input x 1, USB-C Input x 1 Power DC24V Phoenix terminal x 1, RS232 Phoenix terminal x 1 IR Receptacle x 1(for IR RX)
Connectors on Receiver	HDMI Output x 1, RS232 Phoenix terminal x 1, S/PDIF x 1, PCM2.0 x 1, IR Receptacle x 1(for IR TX), FW x 1, Power DC12V x 1
Resolution outputs	4k@60hzYUV4:4:4/ 4k@30HZ/1080p/1080i/720p/576p/576i/480p/480i
Audio format supported	DTS-HD Master Audio, Dolby True HD, LPCM7.1, PCM etc.
Output Video Signal	HDMI
Dimension (L×W×H)	TX: L106mm×W46mm × H60mm; RX: L110mm × W68mm × H13mm
Power supply	DC 24V/5A Power supply
Power consumption	100W(MAX)
Transmission Distance	up to 70m under 4K@60Hz YUV4:4:4, 70m under 1080P@60Hz ①
Net Weight	TX:130 g; RX:190g

Note 1 :Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.

Package Contents

- 1xHDMI Wallplate Transmitter
- 1xHDMI Receiver
- 1 x IR TX Emitter
- 1x IR RX Receiver
- 1x24V/5A DC Adapter
- 1xUser Manual
- 1x Decoration panel

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

PRODUCT SERVICE

1) Damage requiring service:

The unit should be serviced by qualified service personnel if:

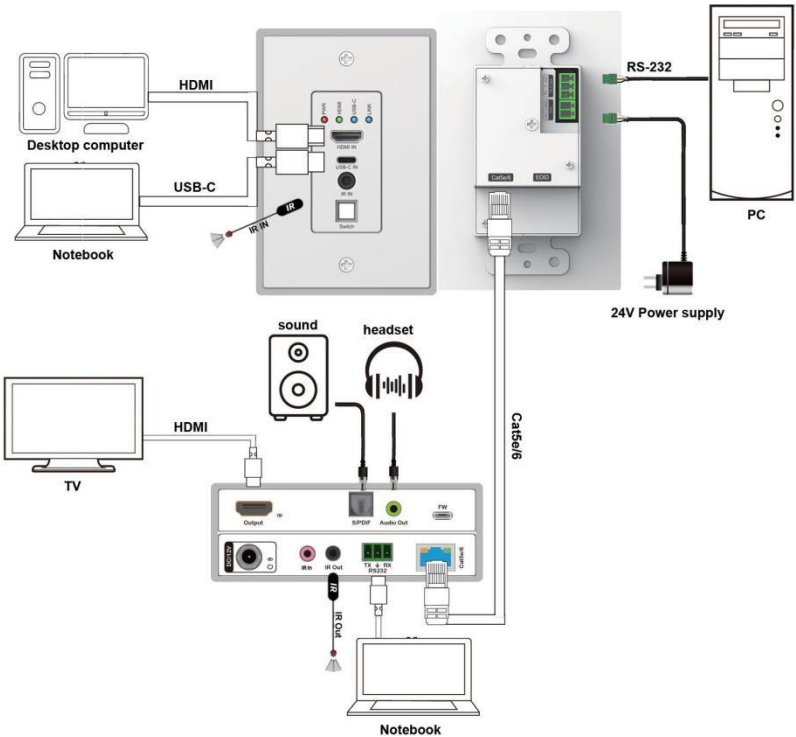
- (a) The DC power supply cord or AC adaptor has been damaged;
- (b) Objects or liquids have gotten into the unit;
- (c) The unit has been exposed to rain;
- (d) The unit does not operate normally or exhibits a marked change in performance;
- (e) The unit has been dropped or the cabinet damaged.

2) Servicing Personnel: Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.

3) Replacement parts: When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

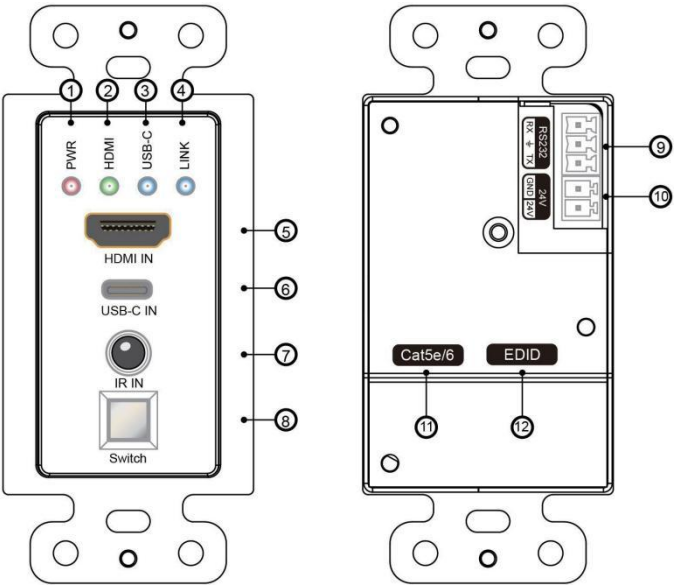
4) Safety check: After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

Connection Diagram



PANEL DESCRIPTIONS

Transmitter Panel

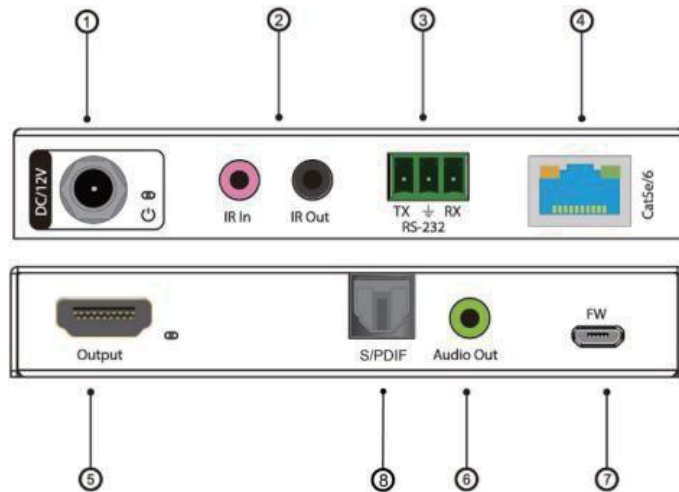


- ① Power indicator ② HDMI In indicator ③ USB-C In indicator
- ④ Link indicator ⑤ HDMI In port ⑥ USB-C In port
- ⑦ IR In port ⑧ Switch button for source ⑨ RS232 pass through & Firmware upgrade
- ⑩ DC 24V/5A power supply ⑪ Cat5e/6 port ⑫ EDID rotary knob

Note: The transmitter has default EDID and copy EDID function, default EDID including 4K@60hz and 1080P@60hz, Copy EDID to copy HDMI out(the far-end TV). EDID rotary knob has 0,1,2,3,4,5,6,7,that represent different EDID effect according to the following table:

0	Copy HDMI out	1	Default 4K60hz-2.0CH
2	Default 2560×1440-2.0CH	3	Default 1920×1200-2.0CH
4	Default 1080P60hz-2.0CH	5	Default 4K60hz-5.1CH
6	Default 4K60hz-7.1CH	7	Default 4K30hz-5.1CH

Receiver Panel



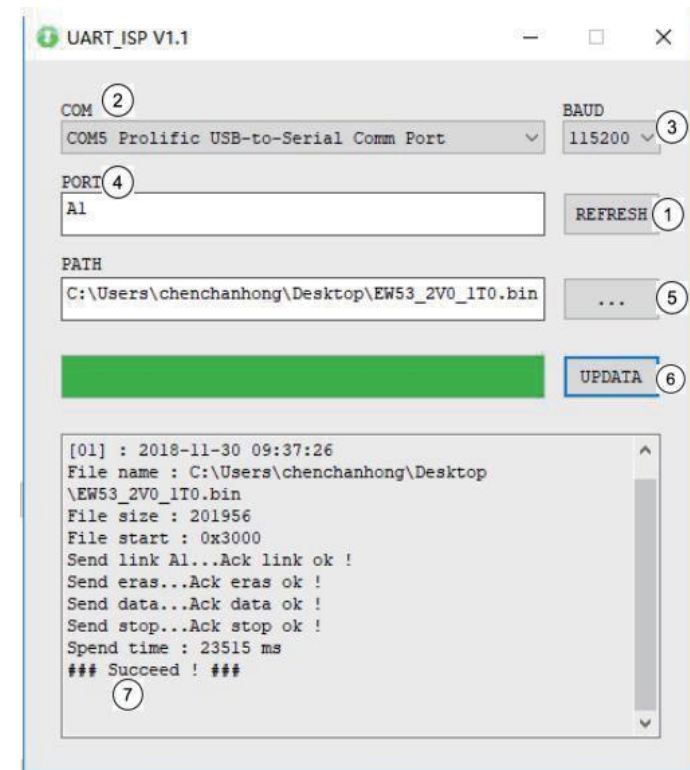
- ① DC 12V power supply
- ③ RS232 port
- ⑤ HDMI Output port
- ⑦ Firmware update port
- ② IR port
- ④ Cat5e/6 port
- ⑥ Analog audio out
- ⑧ S/PDIF Out

Connecting and operating

1. Connect 1 source such as a Blu-Ray Player, game console, STB, etc. to the HDMI input on the transmitter
2. Connect 1 display such as an HDTV or HD Projector to HDMI output on the Receiver.
3. Connect a single Category 5e/6/7 up to (70m) to both transmitter and receiver.
4. Plug in the IR-RX cable and IR-TX cable to the IR jack port located on the transmitter and receiver panel.
5. Connect DC 24V/5A power supply to the transmitter and power on it, the receiver is powered by the transmitter(**RX not need to connect with power supply**).

Firmware Upgrade

The unit support upgrade the firmware on line if needed.



1. Connect the USB to RS232 cable, connect via the RS232 port at the back side, Double click UART.ISP.exe this upgrade tool.
2. Burn step:
 - ① Click "REFRESH" Serial port
 - ② Choose the port connect with the HDC6WP2
 - ③ Set the baud rate at 115200
 - ④ At the port side type A1, which means upgrade the MCU program
 - ⑤ Choose the MCU burn files in your PC
 - ⑥ Click Update
 - ⑦ Finish the upgrade