

4K HDMI+USB KVM Extender

OPERATION MANUAL



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 KVM Extender, Bandwidth 18Gbps, HDR
- Transmit up to 65m under 4K@60Hz YUV4:4:4, 100m under 4K@30Hz/1080P60Hz over single Cat5e/6/6A cable
- With 1x HDMI loopout on TX
- Support HDCP2.2/1.4 compliant
- Support wide band 38-56KHz IR pass through
- Support EDID management (Built-In; Copy from Local or Remote)
- Support PCM2.0 16-24bit, 32-192KHZ, max to Dolby/DTS 5.1
- Support USB 2.0 pass through (For Keyboard and Mouse)

MAIL-IN SERVICE

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

- 1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.
- 2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)
- 3) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

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.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will, for the length of the period indicated as below, **(Parts(2)Year, Labor(90) Days)** which starts with the date of original purchase ("Limited Warranty period"), at its option either(a) repair your product with new or refurbished parts, or (b) replace it with a new of a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

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 Receptacle x 2 (1xHDMI input, 1xHDMI loop output) Power DC Receptacle x 1;IR Receptacle x 1(for IR TX) EDID switch port x1; CAT port x1; USB B port x1
Connectors on Receiver	HDMI Receptacle x 1 Power DC Receptacle x 1; IR Receptacle x 1(for IR RX) USB A port x2; CAT port x1
Resolution outputs	4k@60hz YUV4:4:4/ 4k@30HZ/1080p/1080i/720p/576p/480p
Audio format supported	PCM2.0 16-24bit, 32-192KHZ, max to Dolby/DTS 5.1
Output Video Signal	4K or 1080P HDMI Signal
Dimension (L×W×H)	TX & RX: L104mm×W96.7mm × H22mm
Power supply	DC 5V2A Power supply
Power consumption	7W(MAX)
Transmission Distance	up to 65m under 4K@60Hz YUV4:4:4, 100m under 4K@30Hz/1080P
Net Weight	TX: 265g; RX:265g

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

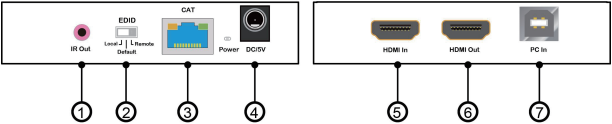
Please use 6A shielded wire to ensure video quality transmission at 100 meters distance

Package Contents

- 1xHDMI Transmitter & 1xHDMI Receiver
- 1 x IR TX Emitter & 1x IR RX Receiver
- 2 x5V/2A DC Adapter
- 1 xUSB2.0 A to B cable
- 1 xUser Manual
- 4 xMounting Ears

PANEL DESCRIPTIONS

Transmitter Panel



- ① IR out port
- ② EDID Switch port
- ③ CAT port for CAT5E/6/6A
- ④ DC/5V Port
- ⑤ HDMI Input port
- ⑦ USB B port for PC in

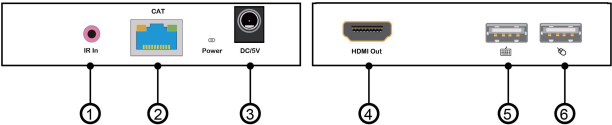
Note: The transmitter of this product has the function of EDID copy:

Local: copy loop EDID

Default: build-in EDID 4K60 444 6CH

Remote: copy remote EDID.

Receiver Panel



- ① IR In port
- ② CAT port for CAT5E/6/6A
- ③ DC/5V port
- ④ HDMI Output port
- ⑤ USB A ports for keyboard
- ⑥ USB A ports for mouse

Connecting and operating

1. Connect PC to the USB-B port and HDMI input port on the transmitter
2. Connect 1 display such as an HDTV or HD Projector to the Loop HDMI output on the transmitter.
3. Connect 1 display such as an HDTV or HD Projector to the HDMI output on the receiver .
4. Connect a single Category 5e/6/7 to both transmitter and receiver.
5. Plug in the IR-RX cable and IR-TX cable to the IR jack located on the Receiver and transmitter banal.
6. Connect keyboard, mouse to USB-A port on the receiver.
7. Power on the TX and RX firstly, then power on the source and sink.

Connection Diagram

