版本号：V1.0
材质：80克书写纸+双面单黑+对折+打钉　最后成品尺寸:100*141.5MM
红色线框不需要印刷

Pro.2

4K HDMI+USB KVM Extender

Model: HDKVM4K

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.

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.

NOTE

It requires IEEE-568B cable termination standards and solid core cable. Use Solid/FTP CAT5/6/6A cables.

If you are running a cable 15 metres or more, make sure you use a SOLID CAT5/6/6A cable. This product may not work with standard stranded ethernet cable. See related items for cabling that will work with this product. 100m distance has been tested fine on solid CAT6A shielded cable.

FYI: Most of the pre-made CAT5/6 leads on the market are stranded cable not solid.

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)

CUSTOMER CARE CENTRE

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12 MONTH WARRANTY

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.

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner of benzine 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.

SPECIFICATIONS

Operating Temperature Range	-5 to +40℃(+23 to +104℉)
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.

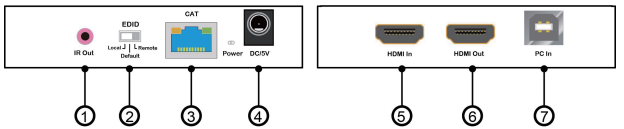
Please use 6A shielded cable to ensure video quality transmission at 100 meters distance

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 [1]
③ CAT port for CAT5E/6/6A
④ DC/5V Port
⑤ HDMI Input port
⑥ HDMI Output port
⑦ USB B port for PC in

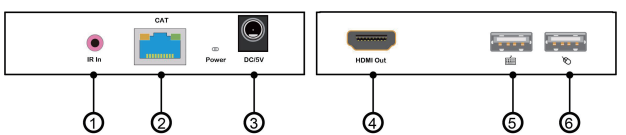
Note[1]:The transmitter of this product has the function of EDID copy:

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 port 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

