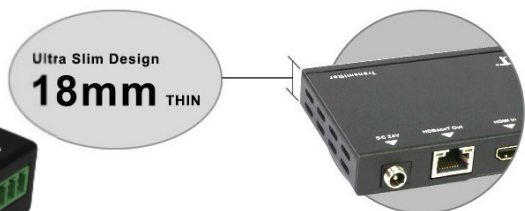




4Konnnect 4K-725

Flexible and comprehensive HDMI extender solution using Cat 6-8 cable

4Konnnect



The **4K-725** is a flexible and cost effective solution to extending HDMI, bi-directional IR, full duplex RS232 and POC (remote power over cable). Consisting of a transmitter/receiver pair, both units are compact and come with IR accessories. By incorporating the Lite HDBaseT technology 4K UHD HDMI signals can be transmitted up to 70m away.

Distribute high resolution UHD HDMI video together with IR, RS232 and remote power over a single CAT 6 screened twisted pair cable up to 70m

The **4K-725** is a HDBaseT transmitter/receiver pair capable of transmitting UHD HDMI signals up to 4K UHD resolutions. The extender pairs provide the pass through of wide band bi-directional InfraRed signals and full duplex RS232 up to 115Kbaud. Whilst POH power (24V) can be sent by either the TX or RX through the Cat 6 cable to provide power to the remote end. All that is required is a single Cat6 cable connection to provide all these features.

The **4K-RX725** or **4K-TX725** can connect to any other product in the **4Konnnect** range as an extender or into or out of a matrix or splitter

The 4K range from Smart-e is a family of digital extenders and matrices using standard CAT 6-8 STP/FTP cable to transmit 4K resolution signals over long distances

The Smart-e 4K-725 features

- Easy to install, inexpensive CAT 6-8 cable
- Outputs reach up to 70m
- Support HDMI up to 297 MHz TDMS clock
- HDCP/EDID/DDC transparent link
- HDMI resolutions 4K, 2K & 1080p
- HDCP 2.2 compatible
- Full duplex RS232 passthrough
- Bi-directional IR pass through
- 1 x CAT 6-8 STP/FTP cables
- Supplies 24V remote power (POC) to either end
- Uses HDBaseT technology
- Status LEDs
- Compact TX/RX unit—18mm high
- Secure DC connection





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Video

Signal Types	HDMI, DVI, DisplayPort Multimode
Formats	HDMI w/ Deep Color 3D, 4K, 2K
Content Protection	HDCP V2.2 transparent
Connector	HDMI Type A Female
Cable Types	CAT 5e, CAT 6/6e, CAT 7, STP, FTP
TV resolutions PC resolutions	480, 576, 720, 1080 p & i, 4K, 2K 640x480 through to 1920x1200

Audio

Types	Embedded audio in HDMI
Digital Formats	Dolby Digital® Plus Dolby® TrueHD DTS-HD High Res DTS-HD Master Audio™, up to 8chPCM
Digital Connector	HDMI

Dimensions

Height	18mm
Width	115mm
Depth	65mm
Weight	0.5Kg

Power

Voltage	24Vdc
Connector	2.5mm DC locking
Max. current	100mA
Power	4Watts RX, 2Watts TX

Control

Ethernet	N/A
Ethernet connector	N/A
DDC/EDID/CEC	Transparent
DDC/EDID connector	HDMI

Control

IR signal	30-125kHz
IR connector	3.5mm jack socket
RS232	Pass through to 115Kbaud
RS232 connector	3 pin screw lock

4Konnnect 4K-725 application drawing

