

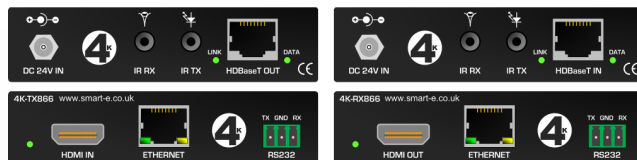


Smart-e (UK) Ltd • Hale House Barns • Oakwoodhill • Ockley • Surrey • RH5 5NA • UK  
T +44 (0) 1306 628264 • F +44 (0) 1306 628074 • E info@smart-e.co.uk • W www.smart-e.co.uk

## 4Konnnect 4K-866

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

# 4Konnnect



### The Smart-e 4K-866 features

- Easy to install, inexpensive CAT 6-8 cable
- Outputs reach up to 100m
- 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
- 100BaseT Ethernet 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—25mm high
- Secure DC connection

The **4K-866** is a flexible and cost effective solution to extending HDMI, bi-directional IR, full duplex RS232 together with 100BaseT Ethernet and POC (remote power over cable). Consisting of a transmitter/receiver pair, both units are compact and come with the IR accessories. By incorporating the full HDBaseT technology 4K UHD HDMI signals can be transmitted up to 100m away.

### Distribute high resolution UHD HDMI video together with IR, RS232 and 100BaseT Ethernet over a single CAT 6 screened twisted pair cable up to 100m

The **4K-866** is a HDBaseT transmitter/receiver pair capable of transmitting UHD HDMI signals up to 4K UHD resolutions. Implementing the complete **5-Play** of the HDBaseT specification the extender pairs also provides the pass through of wide band bi-directional InfraRed signals, full duplex RS232 up to 115Kbaud and 100BaseT Ethernet connectivity. Whilst POC 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-RX866** or **TX866** can connect to any other product in the **4Konnnect** range as an extender or into or out of a matrix.

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





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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	25mm
Width	100mm
Depth	100mm
Weight	0.5Kg

## Power

Voltage	24Vdc
Connector	2.5mm DC locking
Max. current	100mA
Power	5Watts RX, 3Watts TX

## Control

Ethernet	100BaseT
Ethernet connector	RJ45
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

## APPLICATION DRAWING

