



4Konnnect 4K-700

Flexible and cost effective HDMI extender for distances up to 70m of standard CAT5e-8 cable



The **4K-700** is a transmitter and receiver pair designed to extend HDMI, DVI or DisplayPort, together with IR signals over a single twisted pair CAT 5e-8 cable. The units use HDBaseT Lite technology to extend 12 bit Deep Colour 3D, 4K and 2K resolutions together with 1080p @60Hz

Extend HDMI, DVI or DisplayPort with IR over a single 70m of CAT 5e-8 cable

Infra-Red pass-through is available via an internal IR receiver in the **4K-RX700** and external IR emitter (SM-LED) connecting to the **4K-TX700**. The IR is extended through the same CAT 5e-8 cable together up to 70m. Each box has fixing holes to facilitate ease of installation and multiple units can fit side by side on a 1U 19" rack shelf.

The 4K-700 range from Smart-e provides a flexible and cost effective solution for point to point transmission for a single source to a single display



The Smart-e 4K-700 features

- HDMI, DVI & DisplayPort formats
- Deep Colour 3D, 4K and 2K
- 70m of CAT5e-8 cable
- HDCP compliant
- IR pass-through
- Uses easy to install single CAT5e-8 cable
- CEC pass through
- Supports 1920x1200 @ 60 Hz
- Total cable distance up to 70m
- Cost effective, multi-function unit
- 19" x 1U rack kit for up to 4 x units
- Extremely compact
- Units can be powered from a USB port
- High ground loop immunity
- Convenient fixing holes



*CAT 5e-8 refers to Category 5e, 6, 7 and 8 UTP



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TRANSMITTER



RECEIVER



Video

Signal Types	HDMI, DVI, DisplayPort Multimode
Formats	HDMI w/Deep Color 3D, 4K, 2K
Content Protection	HDCP V1.2
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 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

CAT 5 signals

Pair 1	HDbaseT pair 1
Pair 2	HDbaseT pair 2
Pair 3	HDbaseT pair 3
Pair 4	HDbaseT pair 4

Power

Voltage	5V DC
Connector	2.1mm DC locking jack
Max. current	200mA per unit
Power	5Watts

Dimensions

Height	22mm
Width	77mm
Depth	130mm
Weight	100g

Control

IR signal	30-500kHz
IR connector	3.5mm jack socket
RS232 pass-through	No
CEC pass-through	Yes

HD STB

