

# XTND 4K (100) with eARC & USB

Product code: XTND4K100EARCUSB  
SKU 2.58.940



The first of a new era of ultra high performance HDA connectivity products, the XTND 4K (100) eARC + USB is the ultimate all-in-one, long distance (video, audio, USB, control, Ethernet and power) Transmit (TX) and Receive (RX) extender solution.

The XTND 4K (100) eARC + USB delivers uncompressed 4K video, high-quality audio, USB, 1Gb Ethernet and power over a single Cat6A cable for up to 100 metre using HDBaseT 3.0 technology.


## Features

Supports video picture formats up to 4K@60Hz (4:4:4) including HDR and Dolby Vision (4K@30Hz)
HDBaseT 3.0
Uncompressed 18Gbps bandwidth
4K up to 100m (328ft) over Cat 6A cable
Digital audio support up to and including Dolby Atmos and DTS:X
Audio extraction over stereo or SPDIF (not downmixed).
eARC to HDMI, HDMI OUT or SPDIF
Supports external audio embedding or extraction
1Gb Ethernet pass through
Bi-directional USB 2.0 (Host/Device)
Bi-directional IR & RS232
CEC control from display to HDMI source
Bi-directional Power over Cat

## Specification

TX / RX form factor	Lightweight, super-slim aluminium enclosure
Inputs / outputs	<b>TX</b> Inputs: x1 HDMI, Outputs: x1 HDMI (Mirror), x1 HDBaseT, x1 3.5mm Stereo, x1 SPDIF <b>RX</b> Inputs: x1 HDBaseT, x1 SPDIF, Outputs: x1 HDMI, x1 3.5mm Stereo
Transmission tech.	HDBaseT
Video bandwidth	18Gbps Uncompressed (16G up 2G down)
ESD protection	±8kV (Air-gap discharge) ±4kV (Contact discharge)
Control	Bi-directional IR, RS232, HDMI-CEC pass through.
Device / Package weight	TX 425g / RX 437g / 1040g
Dimensions (W/D/H)	170 x 102 x 22 (TX and RX)
Power	24V 1A DC screw type connector
Operating temperature	0°C - 40°C / 32°F - 104°F
Storage temperature	-20°C - 60°C / -4°F - 140°F
Relative humidity	20 - 90% (Non-condensing))
Power consumption	15.36W (PoC)
Guarantee	2 year guarantee

## Control



**Backwards IR**  
Send infrared (IR) commands from the display location back to the XTND TX to control the HDMI devices connected.



**Forwards IR**  
Send infrared (IR) commands from the XTND TX to the display location for control of displays and soundbars.



**2-Way RS232**  
XTND TX/RX for use with third-party control systems / devices.