



70M (4K@60 4:4:4) HDR HDBaseT
Extender with ARC

EXT70-4KUHDE

SKU: 71250 UPC: 819932012469

LINK EXT70-4KUHDE is an HDBaseT Extender. It supports 4K@60 4:4:4 with HDR and HDCP 2.2 compliant, offers the distribution of uncompressed UHD video, audio, power, and IR together up to 100m/330ft over a single Cat X cable.

With a feature set including transmission of uncompressed 4K@60Hz UHD video, HDCP 2.2 compatibility, Dolby and DTS HD audio, bi-directional IR control, it offers the added benefit of an incredibly low-profile for a greatly reduced form factor behind the screen for even more convenience and ease of installation at the display zone.

By the DIP switch of Audio Output on the receiver, it's able to configure the ARC channel feed by TV (with ARC support), or auxiliary S/PDIF Input port. This unit also provides an HDMI audio de-embedding with phoenix analog connector.

Its proprietary one way PoE technology ensures that the transmitter unit powers the receiver unit, with visual LED indication for power supply to units and signal status to show established connection between connected devices.

Features

- 4K/UHD capability @60 Hz with 4:4:4 Chroma sampling, plus support for HDR formats.
- HDCP 2.2 compliant.
- Supports HD signal transmission up to 100 meters (1080p) and 70 meters (4K@60Hz YUV 4:4:4) via a single Cat 5e/6 cable.
- Supports HD signal transmission up to 100 meters (1080p) and 100 meters (4K@60Hz YUV 4:4:4) via a single Cat 6a/7 cable.
- Receiver to transmitter audio return via ARC or optical coax pathway
- HDMI audio de-embedding with phoenix analog connector
- Extends RS232, IR and Ethernet control signals.
- Automatic EDID management.

Technical

- Input 1 x HDMI
- Input Signal Type HDMI with 4K
- Maximum Data Rate 18 Gbps
- Input Video Level 0.5-1.0 V p-p
- Input DDC Signal 5V p-p
- Maximum Pixel Clock 594MHz
- Output 1 x HDBT
- Output Signal Type HDBT
- Video Impedance 100?

General

- Operating Temperature 0°C to 45°C (32°F to 113°F)
- Storage Temperature -20°C to 70°C (-4°F to 158°F)



- Humidity 10% to 90%, non-condensing
- Surge Protection Voltage: ± 1 kV
- Electrical Fast Transient/Burst Data communication cord: 1 kV Power cord : 2 kV
- Power Supply DC 12V 3A
- Power Consumption (Maximum)
 - Receiver is powered by transmitter:
 - 22.38W (1080P)
 - 27W (4K@60Hz YUV 4:4:4)
 - Transmitter and receiver are powered separately:
 - 6.32W (1080P)
 - 8.68W (4K@60Hz YUV 4:4:4)
- Device Dimension (W x H x D) 195mm x 21mm x 94.8mm/7.68 x 0.83 x 3.73
- Product Weight 0.4kg/0.88lb

Note: T568B straight-through Category cable is recommended