

CT-HDEXT-295-4K

HDMI Extender over CAT6 – 4K UHD up to 295 ft

Extend your HDMI signal up to 295 feet (90 meters) at 4K@60Hz or 394 feet (120 meters) at 1080p@60Hz using standard CAT6/6A/7 network cable. The CT-HDEXT-295-4K includes a transmitter and receiver pair and supports HDR10, Dolby Atmos, EDID passthrough, and auto downscaling. It features IR control, ARC support, and digital audio out (S/PDIF). Perfect for digital signage, home theater, and conference room AV distribution.

Key Features

- Ultra HD 4K Support - Resolutions up to 4096 x 2160 @60Hz
- IR Control – IR target allows signal to pass from HDMI receiver at the TV, back to the HDMI transmitter and control the source via IR blaster
- Compact & Durable Design: Metal housing with compact footprint
- Dimensions: 4.15" x 4.03" x 0.79"
- Each unit weighs approx. 0.53 lbs
- Includes mounting brackets and screws
- Plug-and-play with LED indicators and reset buttons
- Powered by DC5V/1A adapters (included)



| Specifications | | |
|------------------------------|---|---|
| Power Supply | Voltage/Current | DC5V/1A |
| | Power Consumption | TX <4W RX <4W |
| HDMI Performance & Interface | HDMI Compliance | HDMI 2.0 |
| | HDCP Compliance | HDCP 2.2 |
| | HDMI Resolution | MPEG2 |
| | Supports Audio Formats | LPCM/DTS-H D/DTS-Audi/ Dolby Digital 5.1CH/Dolby Atmos |
| | Input & Output TMDs Signal | 0.7-1.2Vp-p (TMDs) |
| | Input & Output DDC Signal | 5Vp-p(TTL) |
| | Input Cable Length | ≤8m (AWG24) |
| | Output Cable Legth | ≤8m (AWG24) |
| Transmission Distance | CAT6/6A/7 | 14K@60Hz transmission 90m 1080p@60Hz transmission 120m |
| Protection Level | Electrostatic Protection of the Whole Machine | 1a Contact discharge level 3 1b Air discharge Level 3 Implementation of the standard: IEC61000-4-2 |
| Operating Enviroment | Working Temperature | -4 - 140°F (-20 - 60°C) |
| | Storage Temperature | -22- 158°F (-30 - 70°C) |
| | Humidity (No condensation) | 0-90% RH |
| General | Dimensions | 4.15 x 4.03 x 0.79" (105.5 x 102.5 x 20mm) |
| | Weights | TX: 0.53 lbs. (243g) Rx: 0.53 lbs. (243g) |
| | Material | Iron |
| | Color | Black |
| | Warranty | 2 Years Limited Warranty |