

# HDMI Extender 4K Cascade Connection 120M

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## Product Specifications

Product Type: 4K HDMI Extender with Cascade Support  
Transmission Distance: Up to 120 meters over Cat5e/Cat6/Cat7 cable  
Cascade Support: Multiple units can be cascaded for extended distance  
Maximum Cascade Distance: Up to 240 meters with 2 units cascaded  
Technology: HDBaseT with cascade functionality  
Components: Transmitter (TX) and Receiver (RX) units  
HDMI Version: HDMI 2.0  
Maximum Resolution: 4K UHD (3840 x 2160) at 30Hz  
Supported Resolutions: 4K, 1080p, 1080i, 720p, 576p, 480p  
4K Distance: Up to 70 meters for 4K UHD per segment  
1080p Distance: Up to 120 meters for Full HD per segment  
Color Depth: 24-bit, 30-bit, 36-bit deep color  
HDCP Support: HDCP 2.2 and HDCP 1.4 compliant  
Audio Support: Multi-channel audio including Dolby TrueHD, DTS-HD Master Audio, LPCM  
Bandwidth: Up to 18 Gbps  
3D Support: Full 3D video format support  
HDR Support: HDR10 compatible  
Cable Type: Single Cat5e/Cat6/Cat6a/Cat7 Ethernet cable per segment  
Network Interface: RJ45 Ethernet connectors  
IR Extension: Bi-directional IR pass-through for remote control  
RS-232: Serial control support for system integration  
EDID Management: Automatic EDID management and copying  
Cascade Mode: Daisy-chain configuration for multi-stage extension  
Power over Cable: PoC support - powers receiver from transmitter  
HDMI Ports: 1 x HDMI input on TX, 1 x HDMI output on RX  
Loop Output: HDMI loop output for local monitoring (on TX)  
Power Supply: DC 5V/2A adapter for transmitter (included)  
Power Consumption: Maximum 15W total system  
LED Indicators: Power, link, and cascade status indicators  
Housing Material: Metal enclosure for durability  
Color: Black  
Operating Temperature: 0°C to 50°C (32°F to 122°F)  
Storage Temperature: -20°C to 60°C (-4°F to 140°F)  
Humidity: 10% to 90% non-condensing  
Dimensions: 120mm x 80mm x 25mm per unit  
Application: Large venues, multi-room AV, stadiums, exhibition halls, control rooms  
Advantages: Cascade capability, 4K support, ultra-long distance, flexible installation  
Compliance: CE, FCC, RoHS certified

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## About IT&E Electric

IT&E Electric is a Ghana-based electrical company delivering safe, reliable, and professional electrical services for residential, commercial, and industrial needs.

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