

# Enhance 4K (UHD) 120M HDMI Extender

Model: S-EXT-4kK120M

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## Product Specifications

Product Type: 4K HDMI Extender over Single Cat Cable

Model: S-EXT-4kK120M

Brand: Enhance

Transmission Distance: Up to 120 meters over Cat5e/Cat6/Cat7 cable

Technology: HDBaseT long-distance transmission

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

1080p Distance: Up to 120 meters for Full HD

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

Network Interface: RJ45 Ethernet connector

IR Extension: Bi-directional IR pass-through for remote control

EDID Management: Automatic EDID copying and management

Power over Cable: PoC support - powers receiver from transmitter

HDMI Ports: 1 x HDMI input on TX, 1 x HDMI output on RX

Power Supply: DC 5V/2A adapter for transmitter (included)

Power Consumption: Maximum 12W total system

LED Indicators: Power and link status indicators

Housing Material: Metal enclosure for durability and heat dissipation

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: 110mm x 70mm x 25mm per unit

Application: Home theater, digital signage, conference rooms, education, control rooms

Advantages: 4K UHD support, long-distance transmission, single cable solution, plug-and-play

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.

**Branches** Spintex – Spintex Road (near Shell Station), Dzorwulu – Opposite Melcom Mall,  
East Legon – Opposite UPSA, Kasoa – Kasoa

**Phone:** +233 50 185 0858 | +233 30 296 2353

**Email:** [eastlegon@itandelectric.com](mailto:eastlegon@itandelectric.com)

**Website:** [www.itandelectric.com](http://www.itandelectric.com)