

# HDMI Repeater 4K

## Product Specifications

Product Type: HDMI Signal Booster and Repeater Extender  
HDMI Standard: HDMI 2.0 compliant  
Input/Output Ports: 1 HDMI input, 1 HDMI output (female connectors)  
Maximum Resolution: 4K x 2K @ 60Hz (3840 x 2160)  
Supported Resolutions: 4K @ 60Hz, 4K @ 30Hz, 1080p, 1080i, 720p, 576p, 480p  
Color Depth: 12-bit Deep Color support (36-bit/pixel)  
HDCP Compliance: HDCP 2.2 and HDCP 1.4 backward compatible  
Bandwidth: 18 Gbps maximum bandwidth  
Audio Support: LPCM 7.1, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X  
3D Support: Full 3D video format support  
Signal Boost: Amplifies and equalizes HDMI signal for extended transmission  
Transmission Distance (Input): Up to 15 meters from HDMI source  
Transmission Distance (Output): Up to 40 meters to HDMI display  
Total Extension Range: Up to 55 meters total distance (input + output)  
AWG Cable Support: Compatible with 24AWG, 26AWG, 28AWG HDMI cables  
Signal Equalization: Automatic signal compensation and correction  
DDC Buffering: Built-in DDC signal integrity enhancement  
EDID Management: EDID pass-through for proper resolution detection  
Power Supply: 5V DC/1A power adapter (included)  
Power Input: Micro-USB power port with LED indicator  
LED Indicators: Power LED (blue) and signal lock LED (green)  
Plug and Play: No software or driver installation required  
Housing Material: Aluminum alloy casing for heat dissipation and EMI protection  
Connector Type: Gold-plated HDMI female connectors for corrosion resistance  
Installation: In-line installation between HDMI source and display  
Operating Temperature: 0°C to 55°C  
Storage Temperature: -20°C to 70°C  
Humidity Range: 10% to 90% RH (non-condensing)  
Dimensions: 75mm x 55mm x 20mm (L x W x H)  
Weight: 95 grams  
Color: Black aluminum housing  
Certifications: CE, FCC, RoHS compliant  
Package Contents: HDMI repeater unit, 5V DC power adapter, user manual

## 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 Charity Baptist Church | East Legon – Opposite UPSA | Kasoa – Kasoa

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

**Email:** eastlegon@itandelectric.com

**Website:** www.itandelectric.com