



High Definition Video Over IP Transmitter

IP50HDTX

SKU: 128989 UPC: 9340240000000

High Definition Video over IP Transmitter. Our Contractor HD Multicast distribution platform allows the distribution of AV and control signals over a 100Mbps network.

The IP50HD-TX is an industry-leading 1080p HDMI transmitter that uses H.265 compression technology to deliver HDMI, Bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard network architecture.

The transmitter includes an HDMI loop-out for cascading to multiple devices and can be powered via PoE from the network switch or locally should the switch not support PoE. With multiple configuration options available the Multicast HD solution is ideal for commercial and residential installations.

Box Contents

- 1 x IP50HD-TX
- 1 x IR Receiver
- 1 x IR Emitter
- 1 x Mounting Kit
- 4 x Rubber Feet

Key Features

- Advanced HD video, control, and KVM over network infrastructure
- Extends HDMI up to a distance of 100m over a single CAT cable
- Supports unicast transmission over unmanaged networks
- Supports multicast transmission for large managed networks
- Supports up to 1080p @ 60Hz
- Features 1 x HDMI loop-out for integrating local displays or cascading to multiple devices
- Supports PCM 2.0 channel audio only
- Advanced signal management for independent routing of IR, RS-232, USB/KVM, and video/audio
- PoE (Power over Ethernet) to power products from a PoE switch

- HDCP1.4 compliant with advanced EDID management
- Analogue L/R audio embedding and audio breakout (2ch PCM only)
- Local 12V 1A power supply should Ethernet switch not support PoE (supplied separately)
- Features 2 operational modes:
 - Matrix distribution (requires 100Mbps network switch)
 - One-to-one HDMI extender (no network switch required)

Specifications Video input: 1 x HDMI Type A, 19-pin, female, locking Video output: 1 x LAN RJ45 connector, 1x HDMI Type A, 19-pin, female, locking Audio input: 1 x 3-pin Phoenix connector Audio output: 1 x 3-pin Phoenix connector Ethernet port: 1 x LAN RJ45 connector RS-232 serial port: 1 x 3-pin Phoenix connector USB/KVM Host Port: 1 x USB-Type B IR input: 1 x 3.5mm stereo jack IR output: 1 x 3.5mm mono jack PoE draw: 3.7W (typical), 4.0W (max load) Mounting kit included Dimensions (W x D x H): 190mm x 95mm x 25mm Dimensions Including Connections (W x D x H): 190mm x 100mm x 25mm, without feet Operating Temperature: 32°F to 104°F (0°C to 40°C) Storage Temperature: -4°F to 140°F (-20°C to 60°C)