

HD over IP™ Specifications

RETHINK HD Distribution

An HD over IP™ network appliance allows you to simultaneously send out an HDMI® Signal to one or more HDMI video projectors or LCD Panels over a standard Ethernet infrastructure. This breakthrough HDMI over IP technology can be used to distribute HD digital content from multiple sources to practically any number of remote displays on a LAN. Cascading multiple Ethernet switches allows the farthest display to be located thousands of cable feet away from the 1080p source devices while sustaining consistent picture & sound quality at every point. Each device is installed using 1 piece of twisted pair cable. AV signals are transmitted digitally over the CAT5/6/7 cable. A third party automation solution is needed for distributed remote control functionality. The first generation (1G) HD/IP™ Transmitters/Receivers use JPEG compression to fit the signal onto a 100BT Network with minimal impact on the image quality. The second generation (2G) HD/IP™ Transmitter/Receivers use a patented process to send a visually lossless video image across a 1000BT Network.

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2G Gigabit HD/IP™ Transmitter & Receiver



1G Megabit HD/IP™ Transmitter & Receiver



Just Add Power HD/IP™ Products Support

- Instant Seamless Switching
- 1 UTP/STP Ethernet LAN Port per device
- Protocol: IP, UDP, TCP, ICMP, and IGMP
- 1 HDMI® I/O Port (19 pin Type A female)
- Size: 5" W x 4.5" D x 1" H; 1.1 pounds
- 100-240V, 50/60 Hz, 5v DC Adapter- 1.2 Amp
- Optional PoE Receiver is a Class 2 PoE Device
- Optional Rackmount Transmitter with 3 Inputs
- HDMI 1.3 Compliant
- HDCP 1.2 Compliant
- Plug-and-Play installation
- Supports DVI with HDMI-to-DVI adapter
- FCC/CE & HDMI Certification
- ROHS Compliant
- Resolutions - practically any input desired
- Custom IP Addresses
- Overcomes HDCP Key Limitations

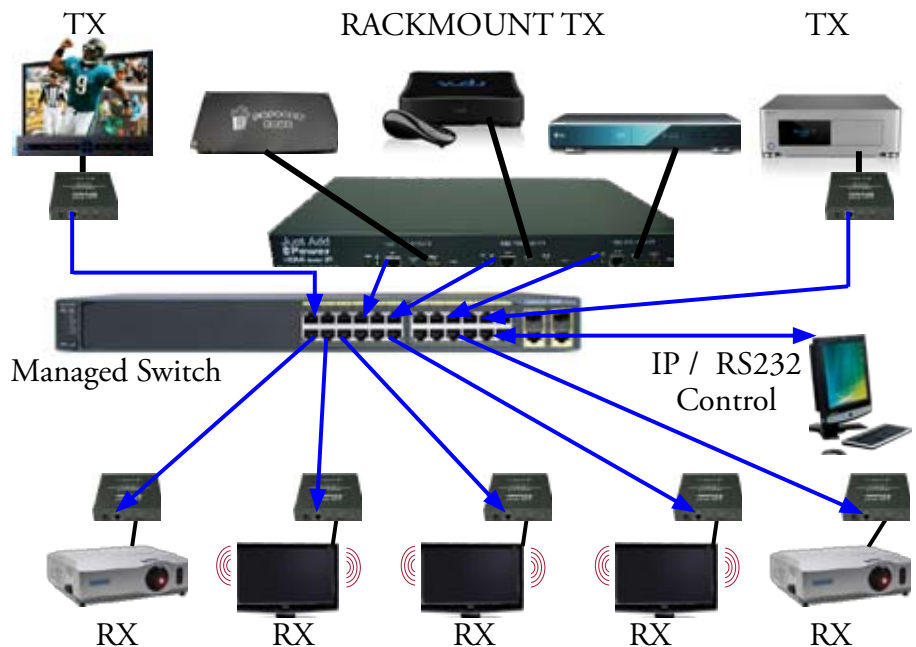
1G Models Support

- Maximum LAN Bandwidth: 50 - 60 Mbps
- Scaler automatically adjusts for each display
- 1 3.5mm IR TX/RX Port (limited support)
- Stereo 2.0 audio supported

2G Models Support

- Maximum LAN Bandwidth: 150 Mbps
- No Scaler function - direct video pass-thru
- Visually lossless transmission of HD content
- Stereo 2.0 & Multi-channel 5.1 audio supported
- HTTP Interface
- Telnet Server & Client for remote control
- 2 RS232 ports (DB9 and 3 pin Molex)
- Distributed RS232 control layer
- Free Video Wall App
- Advanced diagnostic and status functions
- On Screen Display API

Many-To-Many Over Managed Ethernet LAN



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