

HD over IP™ Specifications

Visual Broadcast System

An HD over IP™ Projector Connector™ 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 home 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.

Contact us:

Just Add Power
 PO Box 1064
 Indian Rocks Beach, FL 33785-1064
 800-615-0206
 Fax: 727-517-4054
www.justaddpower.com
sales@justaddpower.com

2G Gigabit HD/IP™ Transmitter & Receiver



1G Megabit HD/IP™ Transmitter & Receiver



All HD/IP™ Products Support

Instant Seamless Switching
 1 UTP/STP Ethernet Port
 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 Certification
 ROHS Compliant
 Resolutions - practically any input desired

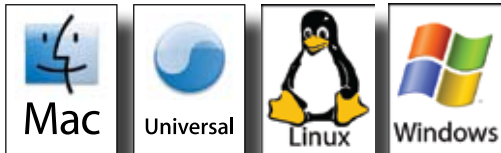
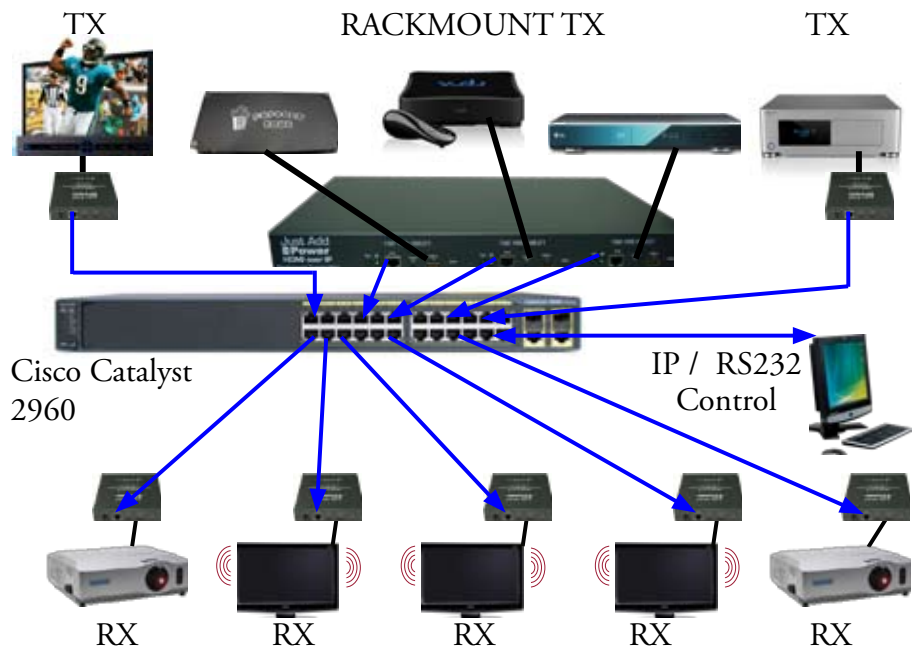
1G Models Support

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

2G Models Support

Maximum LAN Bandwidth: 250 ~ 300 Mbps
 No Scaler function - direct video pass-thru
 Visually lossless transmission of 1080p content

Many-To-Many Home Theater Example Over Managed Ethernet LAN



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