

## Just Add Power

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## 1G HD over IP Receiver

\$299.00



[Download an HD over IP Projector Connector Specifications Sheet](#)



The Projector Connectorâ„¢ HD/IPâ„¢ allows you to simultaneously send out an HDMIÂ® 1.3 Signal (up to 1080p) to one or more HDMIâ„¢ video projectors or LCD Panels and return an IR Control SignalÂ® to the source using CAT5/6/7 cable over a standard Ethernet infrastructure.Â®Â®Â® Can be used to **distribute HD digital content from multiple sources to up to 200 remote displays on a LAN** by cascading Ethernet switches, allowing the farthest display to be located 1,000â€™s of feet away from the 1080p source device while sustainingÂ® excellent picture & sound quality.Â® Each device is installed using 1 piece of UTPÂ® or STP cable.Â® AV signals are transmitted digitally over the CAT5/6/7 cable without any signal loss.Â® The integrated Scaler function allows different input and output resolutions up to 2048x2048 (different output displays can be at different resolutions).Â® The Return IR Control function is best suited for a Point-To-Point application, and is of limited value in a Point-To-Many environment.Â® For installations in a Many-To-Many environment it is necessary to use a third party home automation solution to provide distributed remote

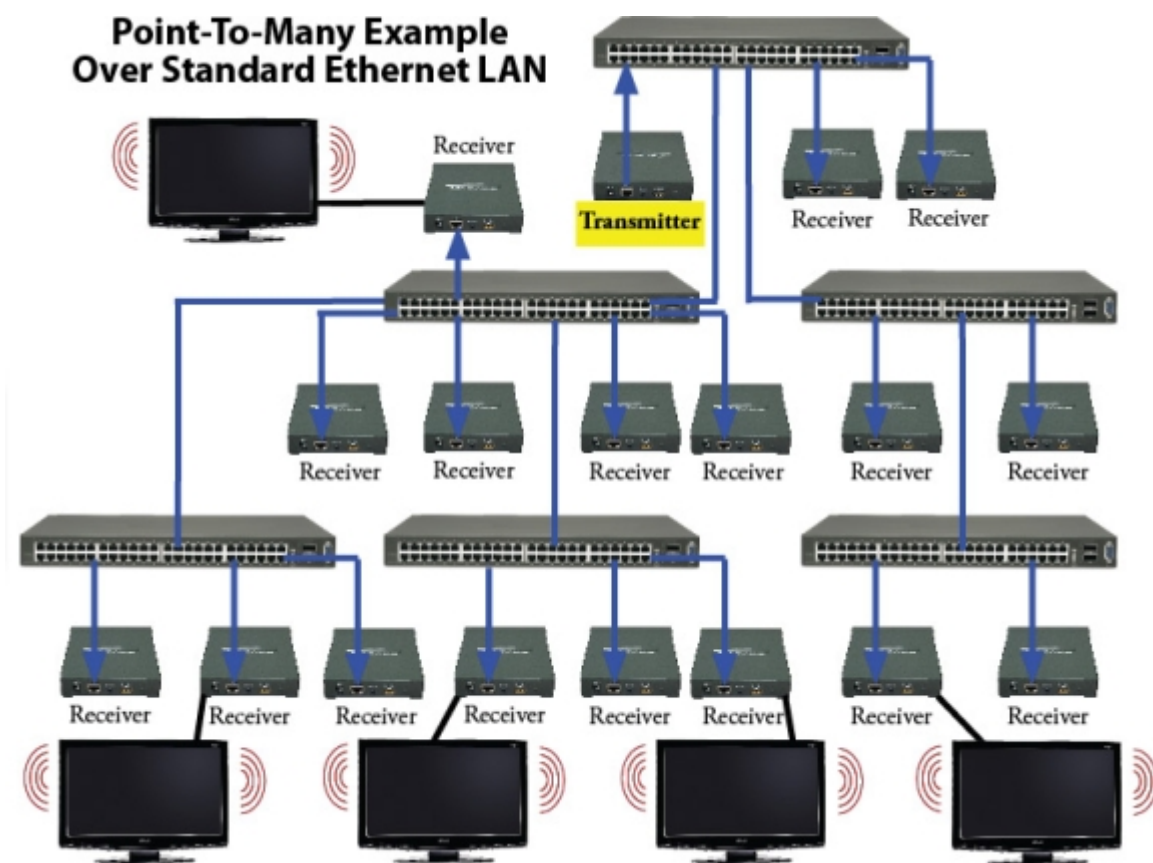
control functionality.

**NOTE: Support for multiple transmitters requires a Managed network switch with VLAN/IGMP support. Standard LAN switches can only support 1 transmitter.**



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**Not an HDMI Balun, but an HDMI over IP system.** This means you can create your own A/V Ethernet network and all of the receivers will find the transmitter automatically. It may even be used over smaller existing house networks and low cost LAN switches and routers.



## Many-to-Many Home Theater Matrix

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Any HDMI source can simultaneously be displayed on any number of display devices (if multiple displays are permitted by the HDMI source) using VLAN isolation on a Managed Ethernet switch. Using the HTTP GUI a PC (wired or wireless) can control what signal is being watched at each location. Sophisticated Home Theater installations can use a programmable console to control the system using RS232 commands. The Managed switch must support IGMP and permit duplicate IP addresses across the VLAN domains. You must use a third party home automation solution to provide distributed remote control functionality.

#### Projector Connector, HD/IP Receiver Specifications (VBS-HDMI-108A)

1 UTP/STP 100Mbps Ethernet Port

1 HDMI Out (19 pin Type A female)

Protocol: IP, UDP, TCP, ICMP, and IGMP

1 3.5mm IR Transmitter Port (limited support)

Size: 5.5" W x 4.5" D x 1.1" H; 1.1 pounds

100-240V, 50/60 Hz, 5v DC Adapter - 1 Amp

HDCP Compliant

Plug-and-Play installation

Supports DVI with HDMI-to-DVI adapter

Scaler automatically adjusts for each display

Video Bandwidth: 2.25Gbps (HDMI 1.3)

LAN Bandwidth: 50Mbps ~ 60Mbps for 1080p

Input TMDS Signal: 1.2 volts (peak-to-peak)

Input DDC Signal: 5 volts (peak-to-peak)

Resolutions - supports practically any input resolution and frequency from 16 x 16 to 2048 x 2048 pixel image including the following popular settings (NOTE the integrated scaler will automatically adjust the HDMI output to match the preferred resolution setting reported by the HDMI attached monitor):

640x480 @ 85fps 800x600 @ 85fps

1024x768 @ 75fps 1280x1024 @ 30fps

1600x1200 @ 30fps 720x480 @ 60fps

720x576 @ 50fps 1280x720 @ 30fps

1920x1080 @ 24fps 1920x1080 @ 60fps



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