HDMI Video Over IP Gigabit LAN Ethernet Receiver for ST12MHDLAN - 1080p

StarTech ID: ST12MHDLANRX

This HDMI® over IP Receiver works with the HDMI over IP Extender Kit (sold separately) and lets you extend an HDMI signal over your network. You can use additional receivers (sold separately) to distribute the HDMI signal to multiple locations and combine your remote displays to create a video wall.

Versatile configuration options

In a point-to-multipoint setup, the HDMI over IP kit can be connected through an unmanaged or managed Gigabit LAN portal. You can connect one or multiple sources (transmitters) to multiple displays (receivers) over IP, using a managed Gigabit Ethernet switch (with IGMP). For additional scalability, you can combine up to 16 different kits.

For smaller-scale applications, the extender kit can be used as a point-to-point video extender. You can connect the transmitter and receiver units directly over Cat5 or Cat6 cabling for a small-scale, one-to-one HDMI extension up to 330 feet (100 meters).

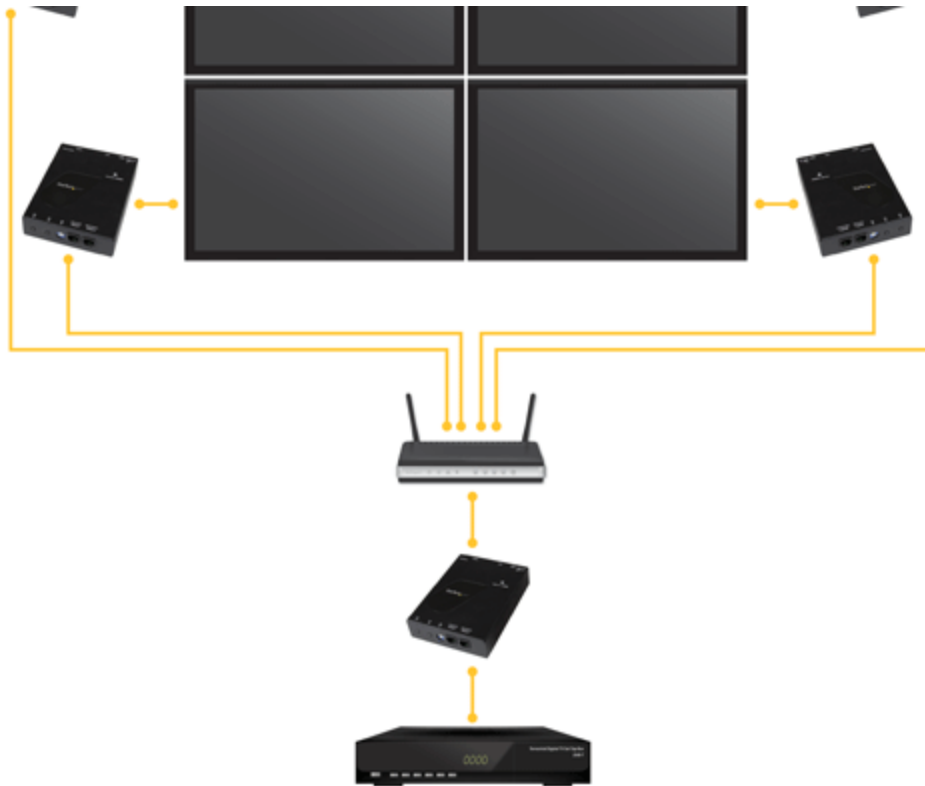# Manage your video distribution from your mobile device

The the HDMI distribution kit features easy-to-use video control software that helps you manage your IP video distribution. The app is simple to set up with automatic hardware detection, and lets you switch video sources for each remote display. You can also intuitively create and manage a video wall for an impressive digital signage presentation to catch the attention of your audience.

The software is available on iOS for your iPhone or iPad, Android for your smartphone or tablet, and Google Chrome browser.

Professional, cost-effective, simple installation

The HDMI over IP extender kit includes optional mounting hardware for a tidy installation. Ideal for high-definition applications, the extender supports 1080p video resolutions and digital stereo audio. Plus, because the extender uses standard non-proprietary Cat5e or Cat6 Ethernet cable with RJ45 connectors, it eliminates both the expense and hassle of running specialized cables.The extender also features an EDID copy function, which ensures native resolution and maximum compatibility with your display or projector for a convenient plug-and-play installation.

Download the StarTech.com Video Control software to manage your IP video distribution.

Note: If using more than 1 Transmitter, or more than 4 Receivers an IGMP / Managed Network Switch is recommended for optimal performance. Non-managed network switches may also limit the performance of other devices connected to the same network.

The ST12MHDLANRX is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Connect the HDMI source equipment to multiple displays in a point-to-multipoint configuration over a Gigabit Network using additional ST12MHDLANRX Receivers
- Display the same HDMI audio/video signal on multiple displays, for large scale digital signage applications
- Place the display in a convenient viewing area, while the HDMI source equipment is placed elsewhere in a separate, secured environment
- Extend HDMI using existing infrastructure
- Run multiple transmitters and receivers over the network using a managed switch

Features

- Highly scalable - output an HDMI signal to over 100 additional displays (requires additional ST12MHDLANRX Receiver units, sold separately)
- EDID emulation ensures maximum resolution and compatibility with your display or projector
- Stereo Audio
- Includes optional mounting hardware
- Connect through a Gigabit LAN Network, or Point-to-Point
- High Definition support for resolutions up to 1080p (1920x1080)

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	Cat 5e UTP or better
Daisy-Chain	Yes
Ports	1
Rack-Mountable	Yes
Audio Specifications	Stereo Audio
Max Distance	100 m / 330 ft
Maximum Digital Resolutions	1920x1200 @60Hz
Supported Resolutions	1920 x 1200 1920 x 1080 1600 x 1200
Wide Screen Supported	Yes
Remote Unit Connectors	1 - HDMI (19 pin) Female
Remote Unit Connectors	1 - RJ-45 Female
LED Indicators	1 - Link OK / POWER
LED Indicators	1 - Reset - Receiver
Center Tip Polarity	Positive
Input Current	0.4 A
Input Voltage	100 ~ 240 AC
Output Current	2 A
Output Voltage	5 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	0% - 80 %
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
Color	Black
Enclosure Type	Aluminum and Plastic
Product Height	1.1 in [28 mm]
Product Length	5.2 in [131 mm]
Product Weight	15.9 oz [450 g]
Product Width	3.8 in [97 mm]
Shipping (Package) Weight	32.9 oz [932 g]

Included in Package 1 - HDMI over IP receiver
Included in Package 1 - foot pad set
Included in Package 1 - universal power adapter (NA / EU / UK / AU)
Included in Package 1 - instruction manual

Certifications, Reports and Compatibility