

HDMI® Video Over IP Gigabit LAN Ethernet Extender Kit - 1080p

StarTech ID: ST12MHDLAN



The ST12MHDLAN HDMI® Over IP Extender kit includes both the transmitter and receiver and lets you extend an HDMI audio and video signal long range over a Gigabit LAN Network, or shorter distances using a direct CAT5e/CAT6 cable connection. When connected through a Gigabit LAN Network, the same HDMI signal can also be extended to additional displays using ST12MHDLANRX receiver units (sold separately), for a point-to-multi point installation.

This versatile HDMI extender offers multiple configuration options. As a point-to-point video extender, you can connect the transmitter and receiver units directly over Cat5/Cat6 cabling for a small scale one-to-one extension of up to 330 feet (100 meters). A point-to-point setup can also be achieved when connecting through a Gigabit Ethernet network.

In a point-to-multipoint configuration the ST12MHDLAN and ST12MHDLANRX (sold separately) can be connected through an unmanaged or managed Gigabit LAN portal to span the entire distance of your network, allowing you to connect one source (transmitter) to multiple displays (receivers) over IP. When used with a managed Gigabit Ethernet switch (with IGMP) you can connect up to 100 displays on a local area network. For added scalability, up to 16 different ST12MHDLAN Transmitter units can be added to a single network (IGMP / Managed Network Switch required) with up to 100 displays in total.

The HDMI over IP Extender kit includes optional mounting hardware for a professional and tidy installation. Plus, because the extender uses standard non-proprietary Cat5e/Cat6 Ethernet cable with RJ45 connectors, it eliminates both the expense and hassle of running specialized cables.

Ideal for High-Definition applications, the extender supports 1080p video resolutions, digital stereo audio, and features EDID Copy, which ensures native resolution and maximum compatibility with your display or projector, for a convenient plug-and-play installation.

Please 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.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Connect your video source to multiple displays in a point-to-multipoint configuration, over a Gigabit Network using additional ST12MHDLANRX Receivers
- Connect the transmitter and receiver point-to-point directly over Cat5/Cat6 cabling, for a small scale one-to-one video extension up to 330 feet (100 meters)
- Connect the transmitter and receiver point-to-point over a Gigabit Ethernet Network for long range HDMI extension
- Place the display in a convenient viewing area, while the HDMI source equipment is placed elsewhere in a separate, secured environment
- Display the same HDMI audio / video signal on over 100 displays, for large scale digital signage applications
- Extend HDMI using existing infrastructure
- Run multiple transmitters and receivers over the same network using a managed switch

Features

- Connect up to 100 displays on a single Gigabit managed network (IGMP, managed switch required)
- Stereo Audio
- Optional mounting hardware included
- Connect through a Gigabit LAN Network, or Point-to-Point
- High Definition support for resolutions up to 1080p (1920x1080)
- Local transmitter and one remote receiver unit included (additional receiver units available separately)
- EDID emulation ensures maximum resolution and compatibility with your display or projector

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	Cat 5e UTP or better
Daisy-Chain	Yes
Rack-Mountable	Yes
Connector Type(s)	1 - HDMI (19 pin)
Connector Type(s)	1 - RJ-45
Local Unit Connectors	1 - HDMI (19 pin)
Local Unit Connectors	1 - RJ-45
Remote Unit Connectors	1 - HDMI (19 pin)
Remote Unit Connectors	1 - RJ-45
Audio Specifications	Stereo Sound
Maximum Digital Resolutions	1920x1200 @60Hz
Supported Resolutions	1920 x 1200 (1080p)
Wide Screen Supported	Yes
Color	Black
Enclosure Type	Aluminum
Product Height	26 mm [1 in]
Product Length	211 mm [8.3 in]
Product Weight	438 g [15.5 oz]
Product Width	97 mm [3.8 in]
LED Indicators	1 - Link OK / POWER - Transmitter
LED Indicators	1 - Reset - Transmitter
LED Indicators	1 - Link OK / POWER - Receiver
LED Indicators	1 - Reset - Receiver
Center Tip Polarity	Positive
Input Current	0.4 A
Input Voltage	100~240V
Output Current	2 A
Output Voltage	5 DC
Plug Type	M
Power Adapter Included	Yes
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)
Package Quantity	1
Shipping (Package) Weight	1.8 kg [4.1 lb]
Included in Package	1 - HDMI Over IP Transmitter
Included in Package	1 - HDMI Over IP Receiver
Included in Package	2 - Mounting Brackets
Included in Package	2 - Universal Power Adapter (NA / UK / EU)
Included in Package	2 - Foot Pad Set
Included in Package	1 - Manual

Certifications, Reports and Compatibility

