

HDMI over IP distribution kit – 1080p

Product ID: ST12MHDLAN



The HDMI over IP kit 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.

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).

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.

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.

The ST12MHDLAN is TAA compliant and backed by a StarTech.com 2-year warranty with free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Build a multi-display video wall to present entertainment to your patrons, with an impressive display at a restaurant or shopping center
- Display multiple communication boards showing dynamic data such as times and dates on digital charts in airports, train stations, bus stations or hospitals, that can be updated at any time
- Present your social media feeds on multiple screens in a large viewing area
- 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 same network using a managed switch
- Display the same HDMI audio / video signal on multiple displays, for large scale digital signage applications

Features

- Versatile video distribution with support for large multi-display presentations, video walls, video switching and point-to-point extension
- Free mobile app makes it easy to manage switching video wall control (iOS / Android / Chrome browser)
- Tidy, professional installation using the included mounting hardware
- Connect using a Gigabit LAN network
- Easy point-to-point or point-to-multipoint setup
- Extend HDMI using existing network infrastructure
- Supports video resolutions up to 1920x1080 (1080p)

Hardware

| | |
|----------------|----------------------|
| Warranty | 2 Years |
| Ports | 1 |
| Cabling | Cat 5e UTP or better |
| Audio | Yes |
| Rack-Mountable | No |



Daisy-Chain Yes

Performance

Max Distance 100 m / 330 ft

Maximum Digital Resolutions 1920x1200 @60Hz

Supported Resolutions 1920 x 1200 (1080p)

Wide Screen Supported Yes

Audio Specifications Stereo Sound

Connector(s)

Connector Type(s) HDMI (19 pin)
RJ-45

Local Unit Connectors HDMI (19 pin)
RJ-45

Remote Unit Connectors HDMI (19 pin)
RJ-45

Indicators

LED Indicators Link OK / POWER - Transmitter
Reset - Transmitter
Link OK / POWER - Receiver
Reset - Receiver

Power

Power Source AC Adapter Included

Input Voltage 100 - 240 AC

Input Current 0.6 A

Output Voltage 12V DC

Output Current 1.5 A



| | |
|------------------------------|----------|
| Center Tip Polarity | Positive |
| Plug Type | M |
| Power Consumption (In Watts) | 10 |

Environmental

| | |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 40C (32F to 104F) |
| Storage Temperature | -10C to 60C (14F to 140F) |
| Humidity | 0% - 80 % |

Physical Characteristics

| | |
|-------------------|-------------------|
| Color | Black |
| Material | Aluminum |
| Product Length | 5.1 in [13.0 cm] |
| Product Width | 3.8 in [97.0 mm] |
| Product Height | 1.1 in [28.0 mm] |
| Weight of Product | 33.1 oz [939.0 g] |

Packaging Information

| | |
|---------------------------|-------------------|
| Package Length | 9.7 in [24.6 cm] |
| Package Width | 11.6 in [29.5 cm] |
| Package Height | 3.4 in [86.0 mm] |
| Shipping (Package) Weight | 4.5 lb [2.0 kg] |

What's in the Box

| | |
|---------------------|---|
| Included in Package | HDMI over IP transmitter |
| | HDMI over IP receiver |
| | mounting brackets |
| | universal power adapter (NA / EU / UK / AU) |
| | foot pad set |



instruction manual

****Product appearance and specifications are subject to change without notice.***

