

HDMI over IP Extender Kit with Video Wall Support - 1080p

### Product ID: ST12MHDLAN2K



This HDMI over IP extender kit distributes video to a remote location, over your local area network (LAN) and Cat5e or Cat6 Ethernet cabling. By combining this kit with additional receivers (sold separately) and an Ethernet switch (sold separately) you can distribute an HDMI source to multiple locations and create video walls using several remote displays and receivers in the same location.

You can also use multiple transmitters on the same network to distribute different video sources or connect the transmitter directly to a receiver at up to 330 ft. (100 m), in a point-to-point setup. Remote control of serial devices is supported through RS-232 extension.

With support for video resolutions up to 1080p (1920 x 1080 at 60Hz), the transmitter also supports digital and analog audio to the receiver and analog audio from the receiver to the transmitter.

The kit includes an easy-to-use online app to manage your IP video distribution.

The app is available on iOS for an iPhone or iPad, and Android for a smartphone or tablet.

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

The HDMI transmitter/receiver kit includes optional shelf-mounting hardware. It uses Cat5e or Cat6 cables and works with existing network infrastructures, eliminating the expense of running proprietary cables.

ST12MHDLAN2K is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## **Certifications, Reports and Compatibility**



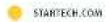














# **Applications**

- Distribute digital signage or entertainment content in schools, hospitals, office buildings, shopping centers or stadiums
- Create a video wall by combining multiple displays
- Extend RS-232 serial control to create an interactive digital signage presentation
- Point-to-point, point-to-multipoint and multipoint-to-multipoint applications

## **Features**

- Scalable video distribution system extends your HDMI video signal and RS232 control to one or multiple displays
- · Create stunning video walls easily using a single or multiple video source with multiple receivers
- Manage and control your digital signage with the intuitive mobile app
- Crystal-clear picture quality, video resolutions up to 1080p
- Tidy, professional installation with included mounting hardware

Hardware
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Warranty 2 Years

Cabling Cat 5e UTP or better

Audio Yes

Rack-Mountable No

Daisy-Chain Yes

#### **Performance**

Max Distance 100 m / 330 ft

Maximum Digital Resolutions

1920x1080 @60Hz

Supported Resolutions 1920 x 1080 @60Hz

1280 x 720

1680 x 1050

1600 x 900





<i>Lower resolutions and refresh rates may also be supported

Wide Screen Supported Yes

**Audio Specifications** 

7.1 Channel Surround

Connector(s)

Local Unit Connectors 1 - HDMI (19 pin)

1 - RJ-45

2 - RJ-11

2 - 3.5 mm Audio

2 - 3.5 mm Mini-Jack (3 Position)

Remote Unit Connectors

1 - RJ-45

1 - HDMI (19 pin)

2 - RJ-11

2 - 3.5 mm Audio

2 - 3.5 mm Mini-Jack (3 Position)

**Indicators** 

**LED Indicators** 

1 - Power/Link - Transmitter

1 - Network Status - Transmitter

1 - Power/Link - Receiver

1 - Network Status - Receiver

**Power** 

Power Source AC Adapter Included

Input Voltage 100 - 240 AC



0.6 A Input Current

12V DC **Output Voltage** 

**Output Current** 1.5 A

Center Tip Polarity Positive

Plug Type Μ

Power Consumption (In

Watts)

**Environmental** 

**Operating Temperature** 0C to 40C (32F to 104F)

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Storage Temperature -10C to 60C (14F to 140F)

Humidity 0% - 80 %

**Physical** Characteristics

> Color Black

Material Aluminum

Product Length 5.2 in [13.1 cm]

**Product Width** 4.6 in [11.8 cm]

Product Height 1.2 in [3.1 cm]

Weight of Product 2.6 lb [1.2 kg]

**Packaging** Information

> Package Quantity 1

Package Length 14.4 in [36.5 cm]

Package Width 9.3 in [23.5 cm]

Package Height 3.0 in [75 mm]

Shipping (Package) Weight

5.0 lb [2.3 kg]

What's in the Box

Included in Package 1 - HDMI Transmitter

STARTECH COM-



- 1 HDMI Receiver
- 1 CAT5 Cable
- 2 RJ-11 to RS-232 Adapters
- 2 RJ-11 Cables
- 1 IR Blaster
- 1 IR Receiver
- 2 Universal Power Adapters (NA/JP, EU, UK, ANZ)
- 1 Hardware Kit
- 8 Foot Pads
- 1 User Manual

<sup>\*</sup>Product appearance and specifications are subject to change without notice.