

## 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, Android for a smartphone or tablet, and Google Chrome browser for a desktop.

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

<small>NOTE: Your router must support IGMP snooping. Please refer to your network switch or router documentation to ensure IGMP snooping is supported and enabled.</small>

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

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### Hardware

Warranty	2 Years
Cabling	Cat 5e UTP or better
Audio	Yes
Rack-Mountable	No
Daisy-Chain	Yes

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### 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
	1440 x 900



1360 x 768

1280 x 800

1280 x 768

<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	HDMI (19 pin)
	RJ-45
	RJ-11
	3.5 mm Audio
	3.5 mm Mini-Jack (3 Position)
Remote Unit Connectors	RJ-45
	HDMI (19 pin)
	RJ-11
	3.5 mm Audio
	3.5 mm Mini-Jack (3 Position)

### Indicators

LED Indicators	Power/Link - Transmitter
	Network Status - Transmitter
	Power/Link - Receiver
	Network Status - 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

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#### Environmental

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

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#### 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 [31 mm]
Weight of Product	2.6 lb [1.2 kg]

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#### Packaging Information

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]

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#### What's in the Box

Included in Package	HDMI Transmitter
	HDMI Receiver



CAT5 Cable

RJ-11 to RS-232 Adapters

RJ-11 Cables

IR Blaster

IR Receiver

Universal Power Adapters (NA/JP, EU, UK, ANZ)

Hardware Kit

Foot Pads

User Manual

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

