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

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

• Manage and control your digital signage with the intuitive mobile app

• Create stunning video walls easily using a single or multiple video source with multiple receivers

• Crystal-clear picture quality, video resolutions up to 1080p

• Tidy, professional installation with included mounting hardware

Hardware		
	Warranty	2 Years
	Cabling	Cat 5e UTP or better
	Audio	Yes
	Rack-Mountable	No
	Daisy-Chain	Yes
Performance		
	Max Distance	100m [328ft]
	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
		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)

Special Notes / Requirements

	Note	IGMPIGMP
		Your router must support IGMP snooping. Please refer to your network switch or router documentation to ensure IGMP snooping is supported and enabled

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
	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	5.2 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 [36.6 cm]
	Package Width	9.3 in [23.6 cm]

	Package Height	3.0 in [7.6 cm]
	Shipping (Package) Weight	5.0 lb [2.3 kg]

What's in the Box

	Included in Package	1 - HDMI Transmitter
		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

Warranty Information

	Warranty	2 Years

Product appearance and specifications are subject to change without notice.