HDMI Over IP Receiver for ST12MHDLAN2K - Video Wall Support - 1080p

Product ID: ST12MHDLAN2R

This HDMI over IP receiver works with the HDMI Over IP Extender Kit (ST12MHDLAN2K, sold separately) and an Ethernet switch (sold separately), to receive HDMI video over your local area network (LAN) in remote locations, using Cat5e or Cat6 cabling. You can use additional receivers to distribute the HDMI signal to multiple locations or combine your remote displays to create a video wall.

In a point-to-multipoint (one source to many screens) or multipoint-to-multipoint (many sources to many screens) configuration, you can output video to over 100 additional displays. Each display requires a receiver. Remote control of serial devices is supported through RS232 extension.

With support for video resolution 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 your iPhone or iPad, Android for your smartphone or tablet, and Google Chrome browser for your desktop.

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

ST12MHDLAN2R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Add additional receivers and distribute video to multiple locations

• Distribute digital signage or entertainment content in schools, hospitals, shopping centers or stadiums

• Create a video wall by combining multiple displays

• Extend RS232 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 video source with multiple receivers

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

• 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	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)

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

Indicators

LED Indicators	Power/Link
	Network Status

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 [31.0 mm]
	Weight of Product	20.6 oz [584.0 g]

Packaging Information

	Package Length	11.6 in [29.5 cm]
	Package Width	8.2 in [20.8 cm]
	Package Height	2.5 in [64.0 mm]
	Shipping (Package) Weight	2.9 lb [1.3 kg]

What's in the Box

	Included in Package	HDMI Receiver
		CAT5 Cable
		RJ-11 to RS-232 Adapter
		RJ-11 Cable
		IR Blaster
		IR Receiver
		Universal Power Adapter (NA/JP, EU, UK, ANZ)
		Hardware Kit
		Foot Pads
		User Manual