

HDMI and USB over IP Distribution Kit - 1080p

Product ID: ST12MHDLANU



This HDMI® over IP kit lets you extend an HDMI signal, as well as four USB peripheral device connections, over your network. You can use additional receivers (sold separately) to distribute the HDMI and USB signals to multiple locations and combine your remote displays to create a video wall while using the USB connection to extend a touch screen to create an interactive digital signage presentation.

Versatile configuration options

In a point-to-multipoint setup, you can connect the HDMI over IP kit through an unmanaged or managed Gigabit LAN portal. You can also connect one or several sources (transmitters) to multiple displays (receivers) over your network, using a managed Gigabit Ethernet switch with IGMP. For further scalability, you can combine up to 16 different extender kits.

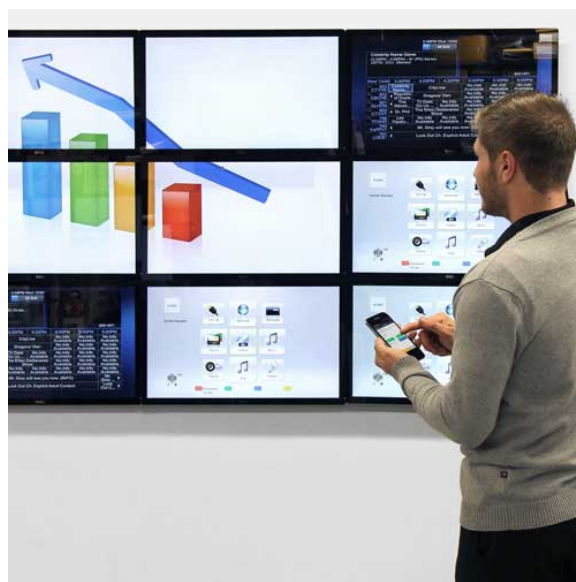


For smaller-scale applications, you can use the extender kit as a point-to-point video extender by connecting the transmitter and receiver units directly over Cat5 or Cat6 cabling for a one-to-one HDMI extension up to 330 feet (100 meters).

Manage your video distribution from your mobile device

This HDMI distribution kit features an easy-to-use video control software app that helps you manage your IP video distribution. The app is simple to set up, with automatic hardware detection, and it lets you switch video sources for each remote display. You can also create and manage a video wall, for an impressive digital signage presentation that's sure to catch your audience's attention.

The software is available on iOS for your iPhone or iPad, Android™ for your smartphone or tablet, and Google Chrome™ browser.



Professional, cost-effective, simple installation

The HDMI over IP extender kit can be powered using Power over Ethernet to conveniently connect both data and power using an 802.3af PoE switch or injector, avoiding the hassle of external power adapters.

The 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.



Note: For best performance, a managed network switch with IGMP is recommended if you are using more than one transmitter, or more than four receivers, Non-managed network switches may also limit the performance of other devices connected to the same network.

The ST12MHDLANU 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
- Extend HDMI and USB to create an interactive digital signage presentation
- 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
- Display the same HDMI audio / video signal on multiple displays, for large scale digital signage applications
- Extend HDMI using existing infrastructure
- Run multiple transmitters and receivers over the same network using a managed switch

Features

- Versatile video distribution with support for large multi-display presentations, video walls, video switching and point-to-point extension
- Extends four USB peripheral devices for remote console control
- 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)
- Can be powered by PoE (Power over Ethernet) or by included power adapter for versatile installation

Hardware	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	Cabling	Cat 5e UTP or better
	Daisy-Chain	Yes
	Ports	1
	Rack-Mountable	Yes
Performance	Audio Specifications	Stereo Sound
	Max Distance	100 m / 330 ft
	Maximum Digital Resolutions	1920x1200 @60Hz
	Supported Resolutions	1920 x 1200 (1080p)
	Wide Screen Supported	Yes
Connector(s)	Connector A	1 - HDMI (19 pin) Female Input 1 - USB B (4 pin) Female 1 - RJ-45 Female
	Connector B	1 - HDMI (19 pin) Female Output 4 - USB Type-A (4 pin) USB 2.0 Female 1 - RJ-45 Female
Special Notes / Requirements	Note	The ST12MHDLANU will only work with ST12MHDLANUR receivers
	System and Cable Requirements	802.3af /at compatible PoE Switch or Injector Cat 5e (or better) Ethernet cabling from PoE switch to the Access Point
Indicators	LED Indicators	1 - Link OK / POWER - Transmitter
		1 - Reset - Transmitter
		1 - Link OK / POWER - Receiver
		1 - Reset - Receiver
Power	Center Tip Polarity	Positive
	Input Current	0.6 A
	Input Voltage	100 - 240 AC
	Output Current	1.5 A
	Output Voltage	12V DC

	Plug Type	M	
	Power Consumption (In Watts)	18	
	Power Source	AC Adapter Included	
Environmental	Humidity	0% - 80 %	
	Operating Temperature	0°C to 40°C (32°F to 104°F)	
	Storage Temperature	-10°C to 60°C (14°F to 140°F)	
Physical Characteristics	Color	Black	
	Material	Aluminum	
	Product Height	1.1 in [2.7 cm]	
	Product Length	5.2 in [13.1 cm]	
	Product Width	5.2 in [13.1 cm]	
	Weight of Product	2.8 lb [1.2 kg]	
Packaging Information	Package Height	3 in [76 mm]	
	Package Length	9.4 in [23.8 cm]	
	Package Width	14.4 in [36.7 cm]	
	Shipping (Package) Weight	5 lb [2.2 kg]	
What's in the Box	Included in Package	1 - HDMI over IP transmitter	
		1 - HDMI over IP receiver	
		2 - power adapters	
		2 - screws	
		1 - screw driver	
		2 - CAT5 cables	
		2 - mounting brackets	
		1 - quick install guide	
		Local Unit Connectors	1 - HDMI (19 pin)
			1 - RJ-45
Remote Unit Connectors	1 - HDMI (19 pin)		
	1 - RJ-45		

Product appearance and specifications are subject to change without notice.