HDMI over Wireless Extender - 1080p

Product ID: ST121WHD2

This HDMI over wireless extender lets you transmit your audio / video signal from an HDMI source to a remote display located up to 165 ft (50m) away. The extender kit uses Wi-Fi to transmit an uncompressed, high-definition 1080p HDMI signal, as well as an IR signal for controlling your source device remotely.

With wireless video extension, you can extend or mirror your laptop computer to share documents or multimedia content (including music, video, and pictures) in full HD, perfect for sharing ideas with your colleagues on a boardroom projector or tradeshow display.

The HDMI over wireless extender offers a practical alternative to traditional copper video cabling, which saves your budget by avoiding the cost of installing an expensive wiring infrastructure.

This bundled kit includes both the transmitter and receiver, saving you the hassle and expense of buying multiple devices to accomplish one task.

The extender is great for digital signage applications because it lets you install your display wherever you want, unlike wired solutions that force you to compromise on the location of your display based on the available cabling.

This wireless video extender is very easy to install and use. With simple plug-and-play installation, setup is as easy as connecting the video cables and turning on the extender. The wireless video extender is a pure hardware solution that doesn't require any software or drivers, saving you time by avoiding complicated software installation and configuration.

With hassle-free operation you don't need to be an A/V technician to use this extender, which makes it a great solution for commercial markets such as retail storefronts and lobbies, as well as healthcare and education facilities.

With a wide assortment of convenient features, this HDMI over wireless extender accommodates virtually any remote video application. You can transmit your audio and video to a remote location with less than 100 milliseconds of latency, making this extender suitable for interactive applications such as remote touchscreens and video games.

To keep your video transmission secure, the extender uses AES 128 encryption.

The HDMI over wireless extender also works to extend an infrared signal, enabling you to control your video source

from the remote location. Easy-to-install mounting brackets are also included with the wireless extender kit for tidy, professional installation.

The ST121WHD2 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment

• Wirelessly connect your digital signage in financial, educational, and business environments

• Extend your display across harsh environments such as industrial sites

• Optimize placement of your demo stations at tradeshows and in auditoriums

• Extend wireless video where cabling or drilling through walls isn't an option

Features

• Hassle-free wireless video with easy setup and no software configuration

• Saves time and installation costs, with no cabling infrastructure required

• Long-range wireless extension, even through walls, supporting distances up to 165 ft (50m)

• Convienient all-in-one solution with both the wireless transmitter and receiver included

• Supports resolutions up to 1920x1080 (1080p)

• HDCP compliant

Hardware		
	Warranty	2 Years
	Ports	1
	Cabling	Wireless Ethernet
	Audio	Yes
	Rack-Mountable	Yes
	Daisy-Chain	No

Performance

Max Distance	50 m / 165 ft
Maximum Digital Resolutions	1920x1080 (60 Hz)
Supported Resolutions	Widescreen: 1080p, 1080i, 720p, 480p
	, Standard: VGA(640X480), SVGA(800X600), XGA(1024X768), SXGA(1280X1024)
Frequency Range	5.1-5.9GHz

Connector(s)

Connector A	HDMI (19 pin)
	IrDA (Infrared, SIR/FIR)
Connector B	HDMI (19 pin)
	IrDA (Infrared, SIR/FIR)

Indicators

LED Indicators	Video link
	Network link

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.4A
Output Voltage	5 DC
Output Current	2A
Center Tip Polarity	Positive
Plug Type	H
Power Consumption (In Watts)	10

Environmental

Operating Temperature	0~40C
Storage Temperature	-20~60C

	Humidity	5% ~ 90% RH

Physical Characteristics

	Color	Black
	Material	Plastic
	Product Length	3.9 in [100.0 mm]
	Product Width	2.3 in [58.0 mm]
	Product Height	0.8 in [20.0 mm]
	Weight of Product	4.7 oz [133.0 g]

Packaging Information

	Package Length	10.4 in [26.5 cm]
	Package Width	8.1 in [20.5 cm]
	Package Height	3.5 in [90.0 mm]
	Shipping (Package) Weight	29.7 oz [842.0 g]

What's in the Box

	Included in Package	Wireless transmitter
		Wireless receiver
		IR blaster
		IR receiver
		Mounting brackets
		HDMI cable
		Universal power adapters (NA/EU/UK)
		Quick start guide

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