HDMI over Wireless Extender - 1080p

StarTech 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.

Cut the cord and the installation work

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.

Wireless video with no compromises

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.

Easy installation and operation

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.

Fast and secure performance

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 to 256 encryption.

Easy remote control

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.

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)

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	Wireless Ethernet
Daisy-Chain	No
Ports	1
Rack-Mountable	Yes
Max Distance	50 m / 165 ft
Maximum Digital Resolutions	1920x1080
Supported Resolutions	Widescreen: 1080p, 1080i, 720p, 480p
	Standard: VGA(640X480), SVGA(800X600), XGA(1024X768), SXGA(1280X1024)
Connector A	1 - HDMI (19 pin) Female Input
Connector A	1 - IrDA (Infrared; SIR/FIR) Output
Connector B	1 - HDMI (19 pin) Female Output
Connector B	1 - IrDA (Infrared; SIR/FIR) Input
Color	Black
Enclosure Type	Plastic
Product Height	0.8 in [20 mm]
Product Length	3.9 in [100 mm]
Product Weight	4.8 oz [136 g]
Product Width	2.3 in [58 mm]
LED Indicators	2 - Video link
LED Indicators	2 - Network link
Center Tip Polarity	Positive
Input Current	0.4A
Input Voltage	100 ~ 240 AC
Output Current	2A
Output Voltage	5 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	5% ~ 90% RH
Operating Temperature	0~40°C

Storage Temperature	-20~60°C
Shipping (Package) Weight	2 lb [0.9 kg]
Included in Package	1 - Wireless transmitter
Included in Package	1 - Wireless receiver
Included in Package	1 - HDMI cable
Included in Package	1 - IR blaster
Included in Package	1 - IR receiver
Included in Package	2 - Mounting brackets
Included in Package	2 - Universal power adapters (NA/EU/UK)
Included in Package	1 - Quick start guide
Frequency	5.1-5.9GHz

Certifications, Reports and Compatibility