Wireless HD Extender WHDI - 1080p Wireless High Definition 100 ft / 30m

**Product ID:** ST121WHD



The ST121WHD Wireless HD Video Extender Kit includes both a WHDI transmitter and WHDI receiver, enabling you to wirelessly send a full HD (1080p) video signal, as well as audio and IR, from a high-definition signal source to a remote HD display or projector located up to 30m (100ft) away.

The ST121WHD is a bundled kit, which provides both local and remote units, and an IR remote control, delivering a complete, end-to-end alternative for a single source-to-display digital signage connection.

A cost-effective solution, the wireless HD extender delivers full High-Definition video, as well as audio and Infrared (IR), eliminating the need for an expensive cable infrastructure to provide a wireless solution for settings where cabling may be undesirable, (e.g. in the middle of a room, boardroom, etc.) or difficult to install.

Compliant with both HDCP, and WHDI standards, this versatile WHDI transmitter/receiver kit ensures that even the latest devices will be able to pass a signal, with support for full 1080p resolutions and the accompanying digital audio. Plus, the kit enables you to control your source device remotely, using the IR extender for a complete HD extension solution.

Backed by a StarTech.com 2-year 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

• Ideal for digital signage applications in financial, educational, and business sectors

• Extend your display across harsh environments (e.g. industrial sites)

- Perfect for video conferencing solutions in boardrooms and office settings

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

## Features

- Extend HD video up to 100ft (30m)

- Includes WHDI transmitter (local) and WHDI receiver (remote) units

- Supports resolutions up to 1080p (1920x1080)

- Pure hardware design - no software or drivers required

- IR remote control enables you to control your source device remotely through the wireless connection back to the transmitter

**Hardware**

| | | |
|---|---|---|
| | Warranty | 2 Years |
| | Ports | 1 |
| | Cabling | Wireless Ethernet |
| | Audio | Yes |
| | Daisy-Chain | No |

**Performance**

| | | |
|---|---|---|
| | Max Distance | 30 m / 100 ft |
| | Maximum Digital Resolutions | 1920x1080 |
| | Supported Resolutions | Widescreen: 1080p, 1080i, 720p, 480p |
| | | , Standard: VGA(640X480), SVGA(800X600), XGA(1024X768), SXGA(1280X1024) |

**Connector(s)**

| | | |
|---|---|---|
| | Local Unit Connectors | HDMI (19 pin) |
| | Remote Unit Connectors | HDMI (19 pin) |

**Special Notes / Requirements**

| | | |
|---|---|---|
| | Note | The maximum distance between the transmitter and the receiver |

is 30 meters.  If the wireless signal is obstructed by walls, or other interference the signal quality and maximum distance will likely be reduced.The working Frequency band may vary with the relevant laws in different regions.

**Indicators**

| | |
|---|---|
| LED Indicators | Wireless Network Status Indicator |
| | Video Status Indicator |

**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 | M |

**Environmental**

| | |
|---|---|
| Operating Temperature | 0~40C |
| Storage Temperature | -20~60C |
| Humidity | 5% ~ 90% RH |

**Physical Characteristics**

| | |
|---|---|
| Color | Black |
| Material | Plastic |
| Product Length | 5.8 in [14.8 cm] |
| Product Width | 3.8 in [97 mm] |
| Product Height | 0.7 in [18 mm] |
| Weight of Product | 15.5 oz [440 g] |

**Packaging Information**

| | |
|---|---|
| Package Length | 10.6 in [27 cm] |

| | | |
|---|---|---|
| | Package Width | 7.9 in [20 cm] |
| | Package Height | 3.5 in [90 mm] |
| | Shipping (Package) Weight | 3.2 lb [1.4 kg] |

**What's in the Box**

| | | |
|---|---|---|
| | Included in Package | Wireless HD Transmitter |
| | | Wireless HD Receiver |
| | | IR Remote Control |
| | | Positioning Stand |
| | | HD Cable |
| | | IR Remote Extension Connector |
| | | Universal Power Adapter (NA/UK/EU/AUS) |
| | | Instruction Manual |

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