

4K HDMI Wireless Extender

XTENDEX®

Wirelessly extend an Ultra-HD 4K HDMI display & multi-channel audio up to 98 feet (30 meters) away from the source using 60GHz WiHD technology.

- Uncompressed signal transmission over wireless network.
 - Frequency Band Range: 60GHz
 - Wireless Range: Up to 98 feet (30 meters), line-of-sight.
 - ♦ Designed to transmit inside of a room.
- Supports Ultra-HD 4Kx2K resolutions to 3840x2160 @30Hz YUV 4:4:4, 2K resolution 2048x1080 @60Hz, HDTV resolutions to 1080p @60Hz, and up to 1920x1200 (WUXGA).
- HDMI features supported:
 - HDMI 1.4
 - Up to 36-bit Deep Color
 - RGB, YCbCr 4:4:4, YCbCr 4:2:2
 - LPCM, Dolby Digital, Dolby Digital+, Dolby TrueHD, and DTS-HD Master Audio
 - Support for CEC (consumer electronic control) compatible devices.
 - 3D
- HDCP 2.2 and WiHD 1.1 compliant.
- Connect up to 10 receivers to one transmitter.
 - Video is sent to one receiver at a time.
 - Use the front panel button on the transmitter to switch between receivers.
- Connect up to 16 transmitters to one receiver.
 - Video is sent from one transmitter at a time.
 - Use the front panel button on the receiver to switch between transmitters.
- Supports EDID pass-through with a filter that removes unsupported resolutions.
- LED indicators provide signal status information.



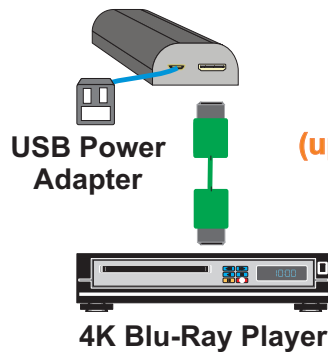
ST-WL4K-98
(Local and Remote Unit)

- Supports 4K, 2K, 1080p & 1920x1200 resolutions.
- Extend up to 98 feet over 60GHz wireless network
- HDMI 1.4, WiHD 1.1

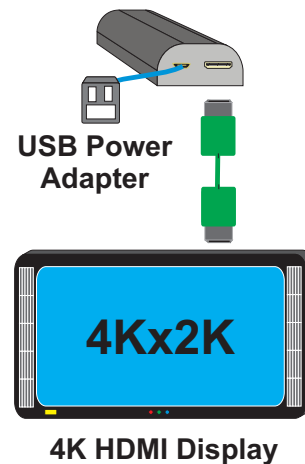
The XTENDEX® 4K HDMI Wireless Extender transmits uncompressed digital Ultra-HD 4Kx2K 30Hz 4:4:4 HDMI video and audio signals up to 98 feet over a 60GHz wireless network. Each video extender consists of a local unit that connects to an HDMI source, and a remote unit that connects to an HDMI display

Configuration and Cable Illustration

ST-WL4K-98
(Local Unit)



ST-WL4K-98
(Remote Unit)



WiHD
(up to 98 feet)

— = HD-xx-MM

Wirelessly extend an Ultra-HD 4K HDMI display & multi-channel audio up to 98 feet (30 meters) away from the source using 60GHz WiHD technology.

Specifications

Local Unit

- Compatible with a computer or UHD video source with HDMI output.
- One female HDMI port for display connection.
- One female USB Type Micro-B port for power connection.
- Frequency Band Range: 60GHz
- Latency: <1ms

Remote Unit

- One female HDMI port for display connection.
- One female USB Type Micro-B port for power connection.
- Supports Ultra-HD 4Kx2K (3840x2160 @30Hz YUV 4:4:4), 2K resolution 2048x1080 @60Hz, HDTV resolutions to 1080p @60Hz, and up to 1920x1200 (WUXGA).
- Supports embedded digital audio through HDMI compatible TVs or audio receivers.

Power

- Local and remote unit:
 - Input: 100 to 240 VAC at 50 or 60 HZ via USB power adapters (included).
 - Output: 5VDC, 1A
 - Power consumption: 4.15W (max)

Max Distance

- 98 feet (30 meters), line-of-sight.
 - Designed to transmit inside of a room.

Cables

- Interface cables between the video source/displays and the splitter are required for proper operation.
- Use HD-xx-MM cable to connect an HDMI source or display.
 - HD-3/6/10/15-MM supports resolutions to 4K@30Hz.
 - HD-25/30/50-MM supports resolutions to 1080p@60Hz.
- Use HD-ACT-xx-MM 4K HDMI Active Cables to connect an HDMI source or display up to 100 feet.
 - Supports resolutions to 4K@30Hz.
- Use DVI-HD-xM-MM to connect a DVI source or display up to 5 meters.
 - Supports resolutions to 2048x1080 @60Hz, 1080p@60Hz, and 1920x1200 @60Hz.
- Use DP-HD-xx-MM to connect a DisplayPort source up to 15 feet.
 - Supports resolutions to 4K@30Hz.
- Use USB3C-HD4K-xx-MM to connect a USB Type-C video source up to 10 feet.
 - Supports resolutions to 4K@30Hz.
- Cables not included.

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C).
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating and storage relative humidity: 20 to 90% non-condensing RH.

Dimensions

- WxDxH: 3.54x2.2x0.67 in (90x56x17 mm)

Regulatory Approvals

- CE, FCC, RoHS

Warranty

- Two years

Package Includes

- One transmitter unit
- One receiver unit
- Two USB power adapters (US).
- Two USB Type A to Micro-USB Type B male to male cables
- Two vertical stands