HDX-W100

Wall Plate HDMI Extender over Single Cat5e/6

Extend HDMI signals up to 150 feet using slim,
space-saving wall plates

FEATURES

- Extends HDMI Output over a Single Cat5e/6 Cable
- Extends IR Control Signals for Remote Control
- Supports uncompressed HD video up to 1080p (@60Hz)
- HDMI 1.3 and HDCP Compliant
- Supports Bi-Directional IR Communication
- Transmits high-quality Dolby TrueHD and DTS-HD Audio Signals
- Supports Automatic EDID Callback
- Compatible with DVI-D with Converter
- Cascadable for Additional Extensions
- VESA DDC and Hot Swap Technology (HPD)
- Receiver Features POE

APPLICATIONS

- Home Theaters
- Control Rooms
- Corporate/Academic Meeting Rooms
- Information Terminals/Kiosks
- Airports (Air Traffic Control and Terminal Installations)
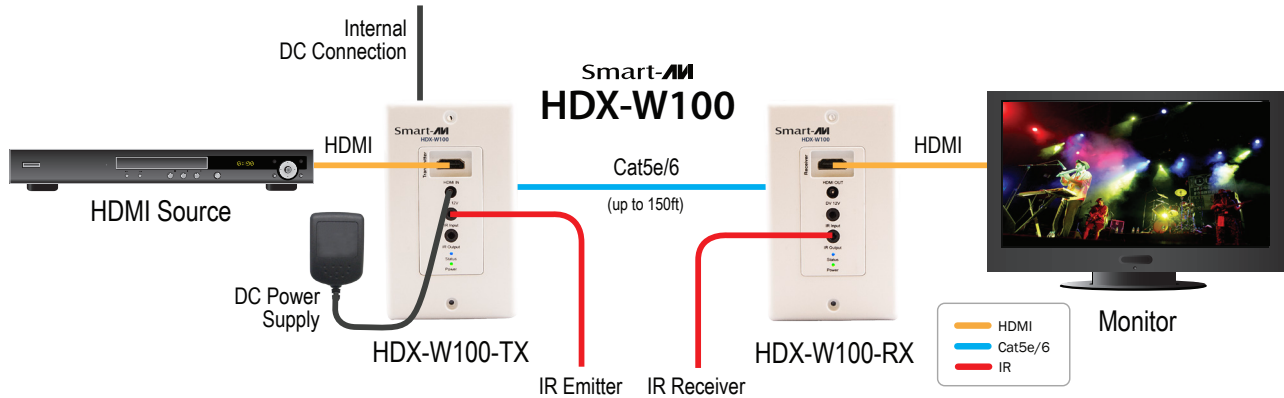
(((MEMBER OF HDCP GROUP)))

HD ready 1080p

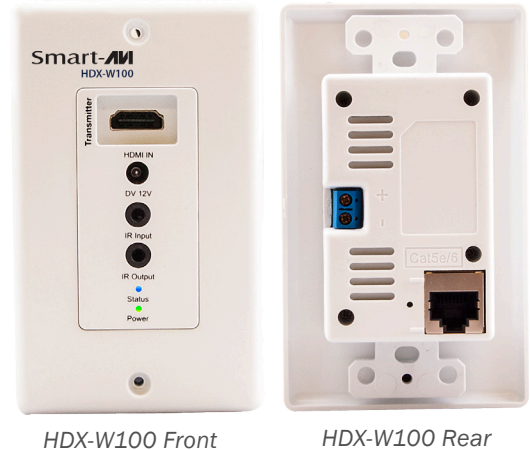Smart-AVI
SMART AUDIO VIDEO INNOVATION

OVERVIEW

The HDX-W100 is an HDMI over Cat5e/6 extender that utilizes slim wall plates to keep the wires as concealed as possible while providing 150ft high-quality HD video extension. The device supports high-resolution video up to 1080p (@60Hz). The unit makes controlling the attached video source easy with its bi-directional IR communication, so users can adjust the source while at the screen's location, hundreds of feet away. For corporate, academic, industrial and home applications, the HDX-W100 provides a fully-integrated solution for HDMI extension. Both the transmitter and receiver can be powered through a single 12V power adapter connected to the transmitter.

APPLICATION DIAGRAM

SPECIFICATIONS

HDX-W100 Front   HDX-W100 Rear

VIDEO	
Resolution	Up to 1080p (@60Hz)
Audio Format	Up to PCM 8 channel, Dolby Digital, TrueHD,and DTS-HD Master Audio
IR Range	38kHz
Video Bandwidth	4.95Gbps
Input Video Signal	1.2 Volts Point-to-Point
Input DDC Signal	5 Volts Point-to-Point
I/O CONNECTOR (Transmitter)	
Input	HDMI-A 19PIN Socket / 3.5mm Jack for IR Receiver / 12V DC in Jack
Output	RJ45 Jack / 3.5mm Jack for IR Emitter
I/O CONNECTOR (Receiver)	
Input	RJ45 Jack / 3.5mm Jack for IR Receiver / 12V DC in Jack
Output	3.5mm Jack for IR Emitter / HDMI-A 19PIN Socket

ENVIRONMENTAL	
Operating Temperature	+0 to +40° C (+32° to 104° F)
Storage Temperature	-20° to +60°C (-4° to +140° F)
SAFETY	
Compliance	FCC, CE, RoHS

ORDERING INFORMATION	
Part No.	**Description**
HDX-W100S	HDMI + IR Over a Single Cat5e/6 Wall Plate Extender. Includes: [HDX-W100TX, HDX-W100RX, PS12V2A]