

Extend an HDMI Plasma/LCD display up to 333 feet (100 meters) away from a source

- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Broadcast real-time HDMI video/audio to multiple display locations.
- Support for multiple transmitters requires a managed network switch with VLAN/IGMP support.
 - The managed switch must support port based IEEE 802.1Q VLAN, IGMP, and permit duplicate IP addresses across the VLAN domains.
 - Each VLAN acts as a separate HDMI Over IP Channel on the network.
 - Cascade managed switches up to 3 levels, allowing the farthest display to be located up to 1,000 feet (305 m) away from the source device. Each receiver can be located up to 333 feet (101.5 m) from the managed switch.
- Use a PC to access the built-in HTTP Interface of the managed network switch to control what signal is being watched at each location.
- Built-in scaler function allows different input and output resolutions without having to lower the quality of the HDMI source.
- Plug-and-Play installation allows receivers to find the transmitter automatically on the same network.
- Built-in default EDID configuration table.
- Internal JPEG video compression adapts to available bandwidth if needed.
- Compliant with HDMI 1.3 and HDCP standards.
- Full IR control of HDMI source from remote HDTV extension in Point-to-Point connections.
- Local and remote units must be in the same LAN. The units do not support WAN connections.



XTENDEX® ST-IPHDMI-R-333 (Front and Back)

The XTENDEX® HDMI Over IP Extender multicasts digital video and audio signals to one or more receivers up to 333 feet (100 m) away using CAT5e/6/7 cable.

Each HDMI Over IP Extender consists of a local unit that connects to an HDMI source, and a remote unit that connects to an HDMI display. The local and remote units can be connected together for a Point-to-Point connection, or through VLAN isolation on a managed network switch for a Point-to-Many connection.

Specifications

Local Unit

- One female HDMI-A port for source connection.
- One female 100Mbps RJ45 port for sending high definition video/audio signals and DDC signal.
- One female 3.5mm port for IR emitter.

Remote Unit

- One female HDMI-A port for HDTV or computer display.
- One female 100Mbps RJ45 port for receiving high definition video/audio signals and DDC signal.
- Signal type: HDMI 1.3, HDCP compliant.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Supports Linear PCM and Dolby Digital 5.1 audio through HDMI compatible TVs or audio receivers.
- Built-in IR receiver and one female 3.5mm port for optional IR receiver extension.

Power

- Local and remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter.

Regulatory Approvals

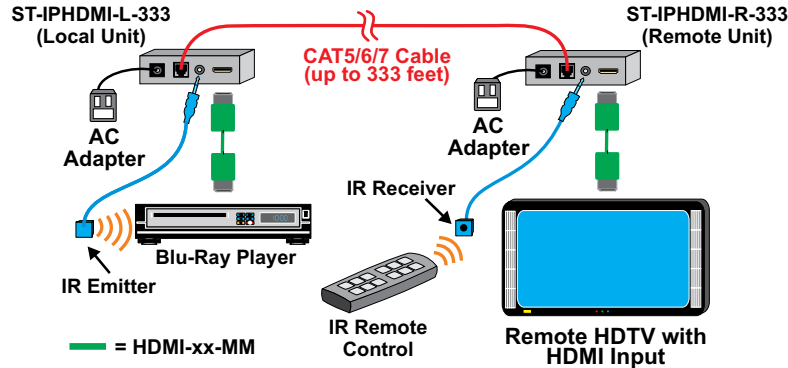
- CE, FCC, RoHS

Warranty

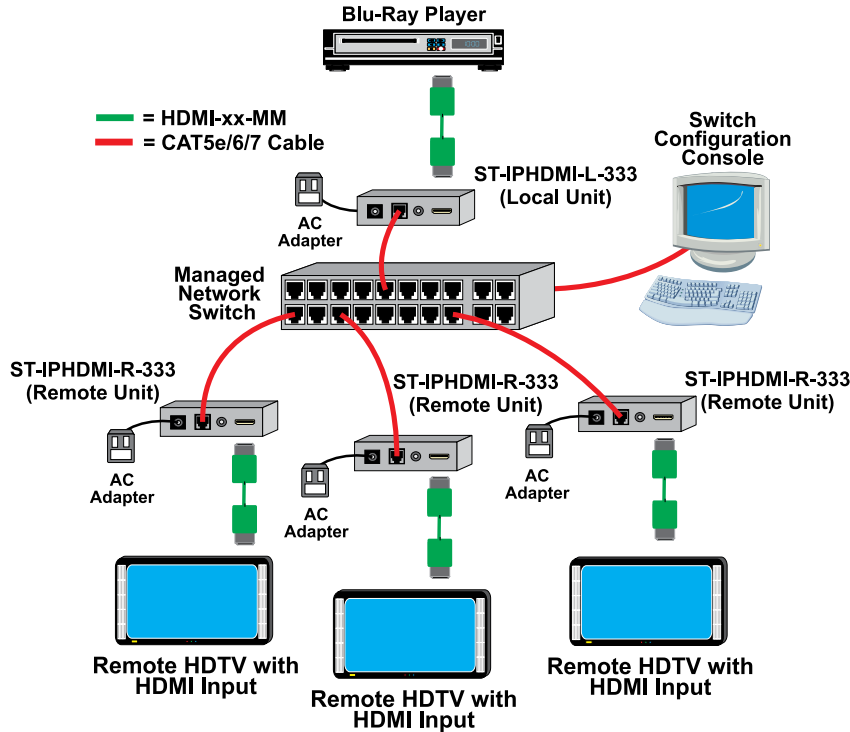
- Two years.

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Configuration and Cable Illustration



Point-to-Many Configuration:



Cables

- Use HDMI-xx-MM cable to connect an HDMI source or display (not included).
- Use DVI-HDMI-xx-MM cable to connect a DVI source or display (not included).
- Use CAT5e/6/7 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).
- For IR extension, use 3-foot (0.9 m) IR emitter IR-EMTR-3 and IR receiver IR-RCVR-3.

HDMI Over IP Extender Models

NTI Part #	Local or Remote	Size WxDxH in. (mm)
ST-IPHDMI-L-333	Local	5x4.5x1 (127x114x25)
ST-IPHDMI-R-333	Remote	5x4.5x1 (127x114x25)