

HDMI/DVI EXTENDER

Extend an HDMI or DVI Plasma/LCD display monitor up to 60 meters away from the source



XTENDEX® ST-C5HDMI-200 Local and Remote Units

Features & Applications

The XTENDEX® HDMI/DVI Extender transmits digital video and audio signals up to 60 meters using two CAT5/5e/6 cables. Each video extender consists of a local unit that connects to an HDMI/DVI source and a remote unit that connects to an HDMI/DVI display.

- Ideal solution for digital signage applications.
- Transmits an HDMI signal over two CAT5/5e/6 cables.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Compliant with HDMI 1.3 and HDCP 1.3 standards.
- Compliant with DDWG DVI Standard.
- Supports the DDC2B protocol.
- Only one power supply is necessary to power both the local and remote units.

Specifications

Local Unit

- One female HDMI-A port for source connection.
- One female RJ45 port for sending high definition video/audio signals.
- One female RJ45 port for sending DDC signal.

Remote Unit

- One female HDMI-A port for HDTV or computer display.
- One female RJ45 port for receiving high definition video/audio signals.
- One female RJ45 port for receiving DDC signal.
- Signal type: HDMI 1.3, HDCP 1.3 compliant.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200. Refer to the resolution chart on pg. 2 for resolutions at different lengths
- Supports audio through HDMI compatible TVs or audio receivers.
- CD quality audio output.

Power

- Local unit: powered from remote unit through CAT5e/6 cable.
- Remote unit: 110 or 220 VAC at 50 or 60 Hz via AC adapter.
- Power consumption:
 - Local Unit: Powered from remote unit.
 - Remote Unit: 5W

Environmental

- Operating temperature: -5°C to 55°C (23°F to 130°F).
- Storage temperature: -30°C to 60°C (-20°F to 140°F).
- Operating and Storage Relative Humidity: 5 to 90% non-condensing RH.

Dimensions

- WxDxH (mm): 83x46x23

Regulatory Approvals

- CE, FCC, RoHS

Warranty

- Two years.

Cables

- Use HDMI-xx-MM cable to connect an HDMI source or display.
- Use DVI-HDMI-xx-MM cable to connect a DVI source or display.
- CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.



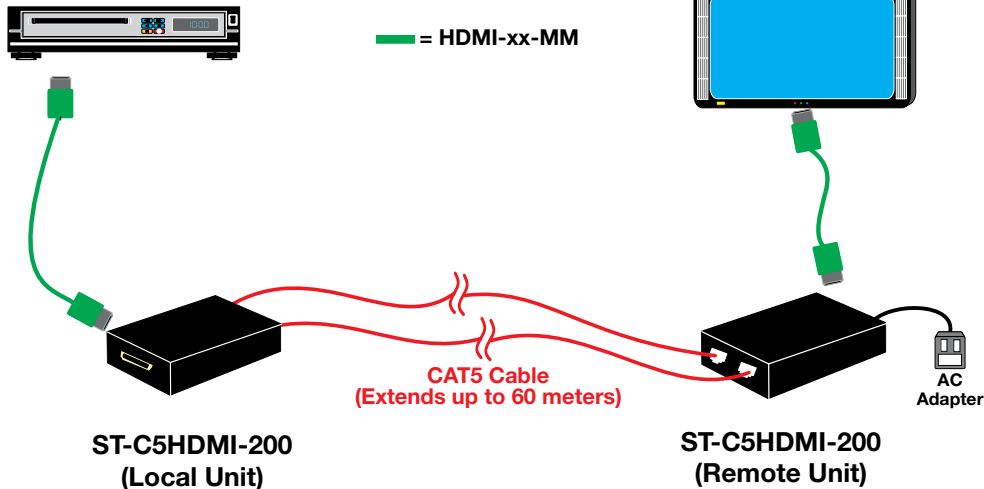
HDMI/DVI EXTENDER

Extend an HDMI or DVI Plasma/LCD display monitor up to 60 meters away from the source

Configuration and Cable Illustration

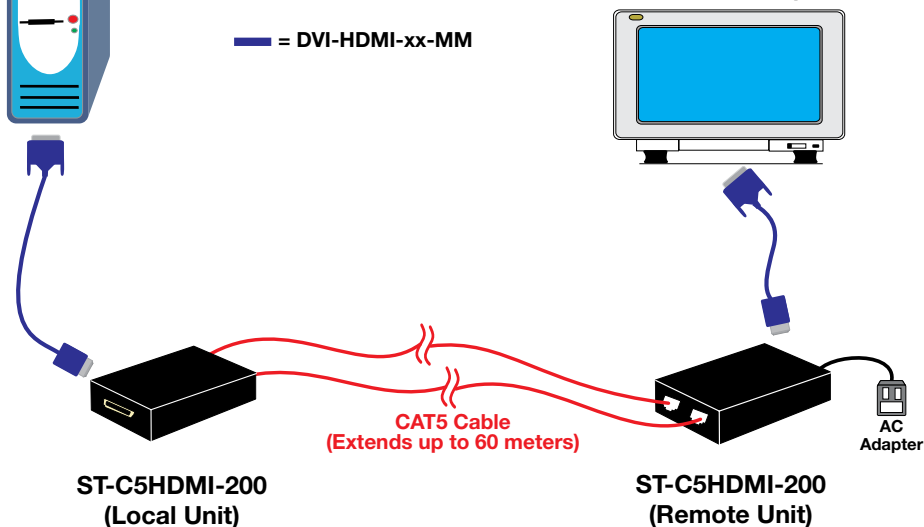
Local DVD Player with HDMI Output

Remote HDTV with HDMI Input



DVI PC

Remote Flat Panel Display with DVI-D input



Distances and Resolutions for CAT5/CAT5e and CAT6 Cables

Cable	Distance (m)	Maximum Standard Resolution	Maximum High Definition Resolution
CAT5 (UTP)	60	1024x768 at 60Hz	480i/p at 60Hz
CAT5 (UTP)	45	1280x1024 at 60Hz	720i/p at 60Hz
CAT5 (UTP)	30	1920x1440 at 60Hz	1080i/p at 60Hz
CAT5e (UTP)	76	800x600 at 60Hz	480i/p at 60Hz
CAT5e (UTP)	60	1024x768 at 60Hz	720i/p at 60Hz
CAT5e (UTP)	45	1280x1024 at 60Hz	1080i/p at 60Hz
CAT5e (UTP)	30	1920x1200 at 60Hz	1080i/p at 60Hz
CAT6 (UTP)	91	800x600 at 60Hz	480i/p at 60Hz
CAT6 (UTP)	76	1024x768 at 60Hz	720i/p at 60Hz
CAT6 (UTP)	60	1920x1200 at 60Hz	480i/p at 60Hz

