

# HDMI/DVI EXTENDER

Extend an HDMI or DVI Plasma/LCD display monitor up to 300 feet away from the source



**XTENDEX® ST-C5HDMI-300 Local and Remote Units**

## Features & Applications

The XTENDEX® HDMI/DVI Extender transmits digital video and audio signals up to 300 feet using two CAT5e/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 CAT5e/6 cables.
- Supports HDTV resolutions to 1080i 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 1080i 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: 23°F to 130°F (-5°C to 55°C).
- Storage temperature: -20°F to 140°F (-30°C to 60°C).
- Operating and Storage Relative Humidity: 5 to 90% non-condensing RH.

### Dimensions

- WxDxH (in): 1.8x3.3x0.9

### Regulatory Approvals

- CE, FCC, RoHS

### Warranty

- Two years.

## Cables

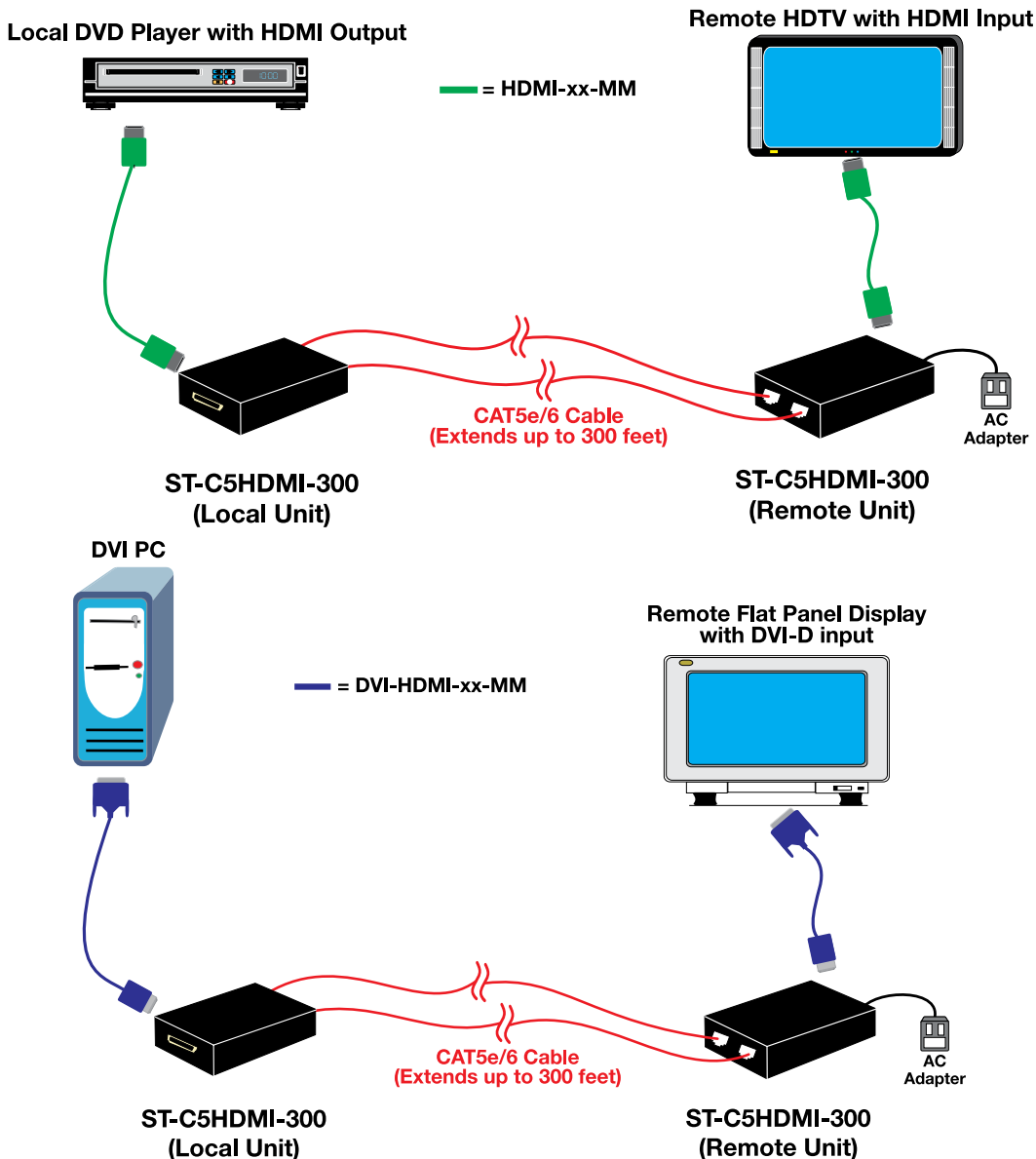
- Use HDMI-xx-MM cable to connect an HDMI source or display.
- Use DVI-HDMI-xx-MM cable to connect a DVI source or display.
- Use CAT5e or CAT6 straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.



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## Configuration and Cable Illustration



Distances and Resolutions for CAT5e and CAT6 Cables		
Cable	Distance (ft)	Maximum Standard Resolution
CAT5E (UTP)	100	1024x768 at 60Hz
	150	1280x1024 at 60Hz
	200	1024x768 at 60Hz
	250	800x600 at 60Hz
CAT6 (UTP)	100	1920x1280 at 60Hz
	200	1280x1024 at 60Hz
	250	1024x768 at 60Hz
	275	800x600 at 60Hz
	300	800x600 at 60Hz
CAT6 (STP)	100	1920x1280 at 60Hz
	200	1280x1024 at 60Hz
	300	1024x768 at 60Hz
	300	800x600 at 60Hz

Distances and Resolutions for CAT5e and CAT6 Cables		
Cable	Distance (ft)	Maximum HDTV Resolution
CAT5E (UTP)	100	1080i
	150	1080i
	200	1080i
	250	480p
	275	480p
CAT6 (UTP)	100	1080i
	200	1080i
	250	1080i
	275	480p
	300	480p
CAT6 (STP)	100	1080i
	200	1080i
	300	480p
	300	480p



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