

HDMI SPLITTER/EXTENDER VIA CAT6

Drive up to 4 remote displays from one HDMI video source.



VOPEX-C5HDMI-4 Local Unit (Front & Back)



Features & Applications

The VOPEX® HDMI Splitter/Extender simultaneously distributes digital video and audio signals from one video source to up to four displays, each located up to 46 meters away using CAT6 UTP cable.

The VOPEX system consists of two components: the HDMI broadcast unit, which connects to the host video source and also supplies video to a local display, and a remote unit for each remote display. The units are interconnected by CAT6 UTP cable.

- Broadcast real-time HDMI video to multiple display locations.
- Transmits an uncompressed HDMI signal over one CAT6 cable.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.
- Compliant with HDMI 1.2 and HDCP 1.1 standards.
- Easily expandable. Add remote units as you add monitors.
- Inexpensive CAT6 cable replaces bulky video cables.
- Supports embedded digital audio through HDMI compatible TVs or audio receivers.
- Auto gain, auto skew, and auto EQ for plug-and-play setup and zero maintenance.
- Ideal solution for digital signage applications.

Specifications

Local Unit

Video Input

- One female HDMI-A port for source connection.
- One female HDMI-A port for local output.
- Four female RJ45 ports for video extension; one to each remote unit.
- Supports resolutions to 1920x1200
- Signal type: HDMI 1.2, HDCP 1.1 compliant.

Cables

- Use HDMI-xx-MM cable to connect an HDMI source or display.
- CAT6 UTP solid 550 MHz or better cable with TIA/EIA-568B wiring terminated with standard RJ45 connectors is recommended for 1080p applications (not included).
- Extension distances will vary with the resolution and quality of the cable used.
- Stranded cables not recommended for use.

Power

- 110 or 220 VAC at 50 or 60 Hz via AC adapter.

Dimensions

- WxDxH (mm): 127x116.8x35.6

Warranty

- Two Years

Remote Unit

Remote Unit

- One female HDMI-A port for HDTV or computer display.
- One female RJ45 port for receiving high definition video/audio signals and DDC signal.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.

Optional One-Output Daisy-Chain Remote Unit

- Enables a daisy chain of five receivers at 1080p / eight receivers at 1080i/720p.
- One female HDMI-A port for HDTV or computer display.
- One female RJ45 port for receiving high definition video/audio signals and DDC signal.
- One female RJ45 port for sending high definition video/audio signals and DDC signal.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.

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Specifications (continued)

Optional Three-Output Daisy-Chain Remote Unit

- Enables a daisy chain of five receivers at 1080p / eight receivers at 1080i/720p.
- Each receiver supports three displays for a total of fifteen displays at 1080p and 24 displays at 1080i.
- Three female HDMI-A ports for HDTVs or computer displays.
- One female RJ45 port for receiving high definition video/audio signals and DDC signal.
- One female RJ45 port for sending high definition video/audio signals and DDC signal.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.

Dimensions WxDxH (mm)

- ST-C5HDMI-R-150: 63.5x71.1x22.9
- ST-C5HDMI-RD-150: 99.1x81.3x35.6
- ST-C5HDMI-RD3-150: 127x119.4x35.6

Warranty

- Two Years

Warning!

- Never connect the VOPEX-C5HDMI-4, ST-C5HDMI-R-150, ST-C5HDMI-RD-150, or ST-C5HDMI-RD3-150 to an Ethernet card, Ethernet router, hub or switch or other Ethernet RJ45 connector of an Ethernet device. Damage to devices connected to the Ethernet may result.

Cables

- Use HDMI-xx-MM cable to connect an HDMI source or display.
- CAT6 UTP solid 550 MHz or better cable with TIA/EIA-568B wiring terminated with standard RJ45 connectors is recommended for 1080p applications (not included).
 - Extension distances will vary with the resolution and quality of the cable used.
 - Stranded cables not recommended for use.

HDMI Splitter/Extender Remote Units

NTI Part #	Description
ST-C5HDMI-R-150	HDMI Receiver
ST-C5HDMI-RD-150	One Output HDMI Daisy Chain Receiver
ST-C5HDMI-RD3-150	Three Output HDMI Daisy Chain Receiver

Configuration and Cable Illustration

