

Low Cost HDMI Splitter/Extender via CAT6: 8-Port

VOPEX®

Drive up to 8 remote displays from one HDMI video source

- Transmits an HDMI signal over one CAT6 cable up to 8 displays.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.
 - With 8-bit color, extend to 150 feet.
 - With 12-bit color, extend to 50 feet.
- Compliant with HDMI and HDCP 1.1 standards.
- HDMI features supported:
 - 8 and 12-bit Deep Color
 - x.v.Color
 - Bandwidth up to 225 MHz (6.75 Gbps)
 - LPCM 7.1 Channel, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio (Sample Rate: 32-192kHz)
 - 3D (includes LED indicator when broadcasting 3D media).
 - Support for CEC (consumer electronic control) compatible devices.
- Selectable EDID:
 - Select either TV (detects EDID from first HDMI display) or STD (default EDID) mode
 - Select between 8-bit or 12-bit color.

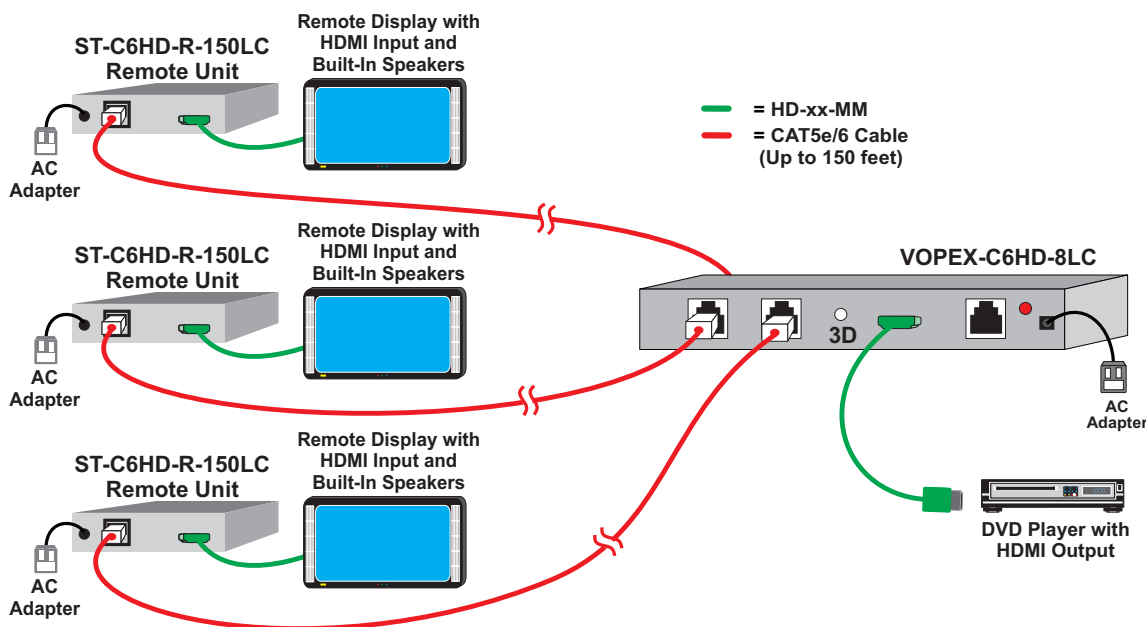


VOPEX-C6HD-8LC Local Unit (Front & Back)

- **Distribute HDMI to 8 Displays**
- **Extend to 150 feet over One CAT6 Cable**
- **Supports 3D Signals**

The VOPEX® Low Cost HDMI Splitter/Extender simultaneously distributes digital video and audio signals from one HDMI video source to up to eight displays, each located up to 150 feet away using a single CAT6 UTP cable.

The VOPEX system consists of two components: the HDMI broadcast unit, which connects to the host video source, and a remote unit for each remote display.



How to extend an HDMI signal from one source up to 8 displays located up to 150 feet away

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Drive up to 8 remote displays from one HDMI video source

Specifications

Local Unit

Video Input

- Female HDMI-A input connector.
- Eight female RJ45 ports for video extension; one to each remote unit.

Cables

- Use HDMI-xx-MM cable to connect an HDMI source or display.
- CAT6 UTP solid 23AWG 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.

Power

- 100 or 240 VAC at 50 or 60 Hz via AC adapter

Dimensions

- WxDxH (in): 9.45x4.05x0.98

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating /Storage Relative Humidity: 20 to 90% non-condensing RH.

Regulatory Approvals

- CE, RoHS

Remote Unit

Remote Unit

- One female HDMI-A port for 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.
- ST-C6HD-R-150LC: With 8-bit color, extend to 150 feet. With 12-bit color, extend to 50 feet.
- ST-C6HD-R-130LC-CLR: With 8-bit color, extend to 130 feet. With 12-bit color, extend to 50 feet.

Power

- 100 or 240 VAC at 50 or 60 Hz via AC adapter.
- Optional USB power via USB Type B mini female port (ST-C6HD-R-130LC-CLR only)

Dimensions

- ST-C6HD-R-150LC WxDxH (in): 3.09x2.83x1.18 (78x72x30 mm)
- ST-C6HD-R-130LC-CLR WxDxH (in): 2.97x2.17x0.91 (75.5x55x23mm)

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating /Storage Relative Humidity: 20 to 90% non-condensing RH.

Regulatory Approvals

- CE, RoHS

Max Distance

- ST-C6HD-R-150LC: 150 feet (46 meters) over CAT6 cable (23 AWG).
- ST-C6HD-R-130LC-CLR: 130 feet (39 meters) over CAT6 cable (23 AWG).

Warranty

- Two years
- 60 days for ST-C6HD-R-130LC-CLR (clearance item)

Warning

- Never connect the VOPEX-C6HD-8LC, ST-C6HD-R-150LC, or ST-C6HD-R-130LC-CLR 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.

Low Cost HDMI Splitter/Extender via CAT6, 8-Port Models

NTI Part #	Local or Remote Unit	# of Ports
VOPEX-C6HD-8LC	Local	8 RJ45
ST-C6HD-R-150LC	Remote	NA
ST-C6HD-R-130LC-CLR	Remote	NA