

# 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 130 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.

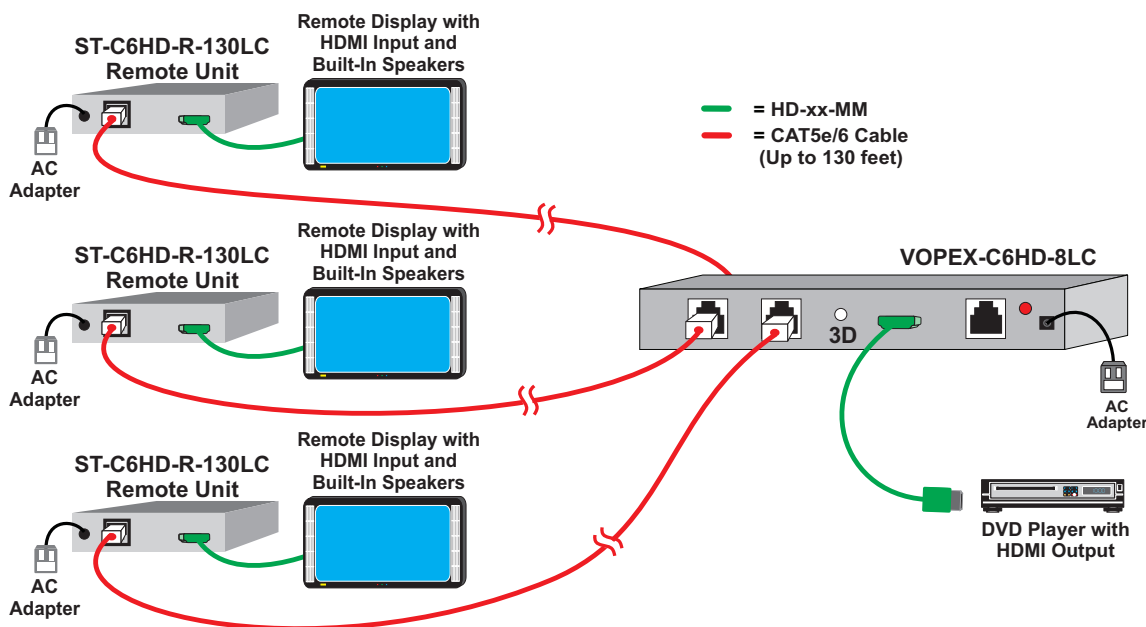


**VOPEX-C6HD-8LC Local Unit (Front & Back)**

- **Distribute HDMI to 8 Displays**
- **Extend to 130 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 130 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 130 feet away

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

VOPEX®

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

#### Regulatory Approvals

- CE, RoHS

#### Warning

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

### 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.
- One female USB Type B mini port for optional USB power.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.

#### Power

- 100 or 240 VAC at 50 or 60 Hz via AC adapter.
- Optional USB power via USB Type B mini female port.

#### Dimensions

- WxDxH (in): 2.97x2.17x0.91 (75.5x55x23mm)

#### Regulatory Approvals

- CE, RoHS

#### Warranty

- Two years

### 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-130LC	Remote	NA