

# S-VIDEO SPLITTER / EXTENDER VIA CAT5

Drive up to 16 remote S-Video TVs/monitors from one S-Video device



**Built-In Surge Protection**



**VOPEX-C5SV-16 Local Unit (Front and Back) and ST-C5SV-R-600 Remote Unit**

## Features & Applications

The VOPEX® S-Video splitter/extender simultaneously displays high-resolution video from one S-Video source to 4, 8 or 16 remote locations using CAT5/5e/6 UTP cable. This real-time system supports remote S-Video devices up to 600 feet from the computer, VCR or DVD player, as well as a local display.

The VOPEX S-Video splitter/extender system has two components: the VOPEX-C5SV-x S-Video broadcast unit, which connects to the host computer and also supplies video to a local monitor, and an XTENDEX™ ST-C5SV-R-600 remote unit for each remote monitor. The units are interconnected by CAT5/5e/6 cable.

- ▶ Broadcast real-time S-Video or audio/video to multiple display locations.
- ▶ Accompanying audio can be broadcast to self-powered stereo speakers at each remote location as well as near the source (option).
- ▶ Supports maximum S-Video resolution—800x600 at distances up to 600 feet.
- ▶ Easily expandable. Add remote units as you add monitors.
- ▶ Inexpensive CAT5/5e/6 UTP cable replaces bulky video cables.
- ▶ A pure hardware solution—no software conflicts.

The VOPEX S-Video splitter/extender is the ideal solution for a wide range of multi-screen applications. Examples include:

- ▶ Give real-time arrival/departure updates to passengers at airports, train stations and bus stations.
- ▶ Provide stock and exchange rate updates at stock exchanges and banks.
- ▶ Broadcast entertainment or news in stores, restaurants, trains, and planes.
- ▶ A great alternative to expensive projectors in the classroom. Send a teacher's screen to all remote monitors.

## Specifications

### Local Unit

#### Input

- ▶ Supports computers and video devices with S-Video output.
- ▶ Female 4-pin miniDIN connectors.
- ▶ Optional 3.5mm stereo audio jack.

#### Video

- ▶ Supports crisp and clear 800x600 resolution up to 600 feet with no degradation.
- ▶ Compatible with S-Video.

- ▶ Input/output impedance: 75 Ohms.
- ▶ Maximum I/O levels for S-Video: 1.45Vp-p.
- ▶ Video is DC coupled.

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## Specifications (Continued)

### Optional Audio

- ▶ Stereo audio can be heard both locally and remotely.
- ▶ 3.5mm female stereo audio jack.
- ▶ Frequency response: 20 Hz to 20 kHz, +/- 1 dB.
- ▶ Signal-to-noise ratio (SNR): 76 dBA.
- ▶ Total Harmonic Distortion and Noise (THD+N): 0.017%.
- ▶ Stereo crosstalk: -70 dB.
- ▶ Input impedance: 10k Ohms.
- ▶ Maximum I/O levels for audio: 3.1Vp-p (line level).
- ▶ Requires powered speakers.

### Regulatory Approvals

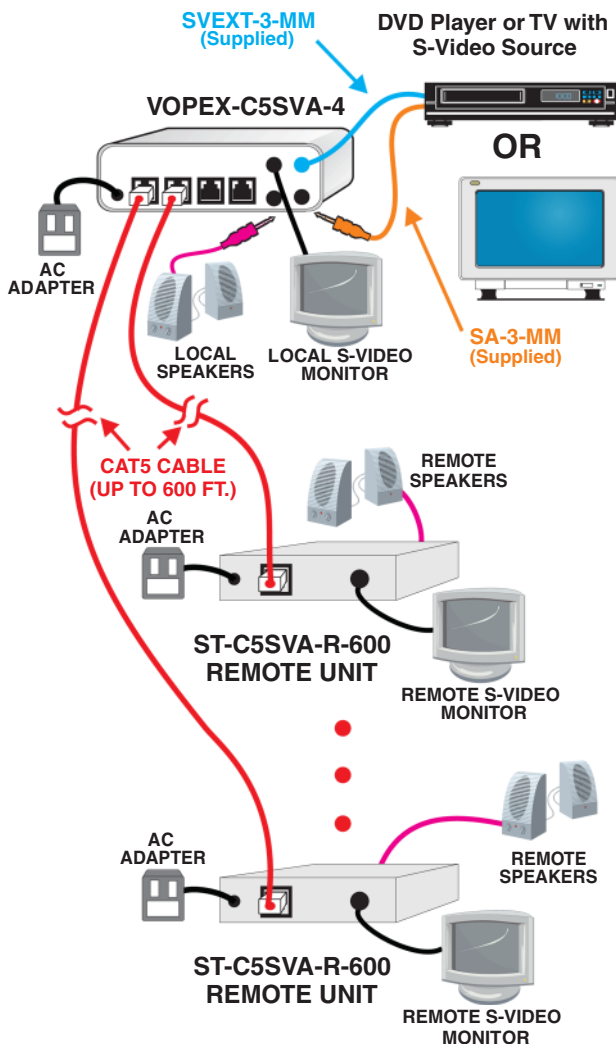
- ▶ CE

### Power

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

### Remote Unit

### Configuration and Cable Illustration



### Output

- ▶ Crisp and clear 800x600 resolution at 600 feet.
  - When using CAT6, some degradation may be experienced, depending on the length of the cable.
- ▶ Female 4-pin miniDIN connector.
- ▶ Optional 3.5 mm stereo audio jack.
- ▶ Video quality is automatically adjusted for distances up to 600 feet of CAT5/5e/6 cable with the S-Video/audio splitter/extender.
- ▶ Video quality is manually adjusted with the S-Video splitter/extender.

### Regulatory Approvals

- ▶ CE

### Power

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

## Cables

- ▶ 3-foot S-Video cable included.
- ▶ 3-foot audio cable included.
- ▶ Use CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.

### CAT 5 S-VIDEO SPLITTER / EXTENDER SIZES

Supported Features	Local or Remote	NTI Part #	# of ports	Local Unit Size WxDxH (in)
S-Video	Local	VOPEX-C5SV-4	4	8x6.25x2.5
S-Video	Local	VOPEX-C5SV-8	8	8x6.25x2.5
S-Video	Local	VOPEX-C5SV-16	16	8x6.25x2.5
S-Video + Audio	Local	VOPEX-C5SVA-4	4	8x6.25x2.5
S-Video + Audio	Local	VOPEX-C5SVA-8	8	8x6.25x2.5
S-Video + Audio	Local	VOPEX-C5SVA-16	16	8x6.25x2.5
S-Video	Remote	ST-C5SV-R-600	NA	3.5x3.1x1.2
S-Video + Audio	Remote	ST-C5SVA-R-600	NA	3.5x3.1x1.2



### Warning!

- ▶ Never connect the VOPEX-C5SV-x or ST-C5SV-x Extender 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.