

S-VIDEO SPLITTER / EXTENDER VIA CAT5

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



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

Features & Applications

The VOPEX® S-Video Splitter/Extender via CAT5 broadcasts 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 displays 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.
- Optional audio can be broadcast to self-powered stereo speakers at the local unit and each remote location.
- 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:

- Real-time arrival/departure updates to passengers at airports, train stations and bus stations.
- 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

Video Input

- Supports computers and video devices with s-video output.
- Female 4-pin miniDIN connector.
- Input impedance: 75 Ohms.
- Maximum input levels for S-Video: 1.45 Vp-p.
- Video is DC coupled.

Video Output

- Female RJ45 connectors for CAT5/5e/6 cable to remote units.
- Female 4-pin miniDIN connector.
- Compatible with S-Video.
- 800x600 video resolution.
- Output impedance: 75 Ohms.
- Maximum output level for S-Video: 1.45Vp-p.

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.
- Line level output; supports multimedia speakers.
- Maximum I/O levels for audio: 3.1 Vp-p (line level).

Power

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

Regulatory Approvals

- CE, RoHS

Warranty

- Two years

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Specifications (Continued)

Remote Unit

Video Output

- Crisp and clear 800x600 resolution at 600 feet.
 - When using CAT6 cable, some degradation may be experienced, depending on the construction of the cable.
- Female 4-pin miniDIN connector.
- Output impedance: 75 Ohms.
- Maximum output level for video: 1.45Vp-p.
- Video quality is automatically adjusted for distances up to 600 feet of CAT5/5e/6 cable with the S-Video/audio splitter extender (VOPEX-C5SVA-x).
- Video quality is manually adjusted at the remote unit with the S-Video splitter/extender (VOPEX-C5SV-x).

Optional Audio

- 3.5mm female stereo audio jack.
- Frequency response: 20 Hz to 20 kHz, +/-1dB.
- Signal-to-Noise Ratio (SNR): 76 dBA.
- Total Harmonic Distortion and Noise (THD+N): 0.017%.
- Stereo crosstalk: -70 dB.
- Line level output; supports multimedia speakers.
- Maximum output levels: 3.1Vp-p (line level).

Power

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

Regulatory Approvals

- CE, RoHS

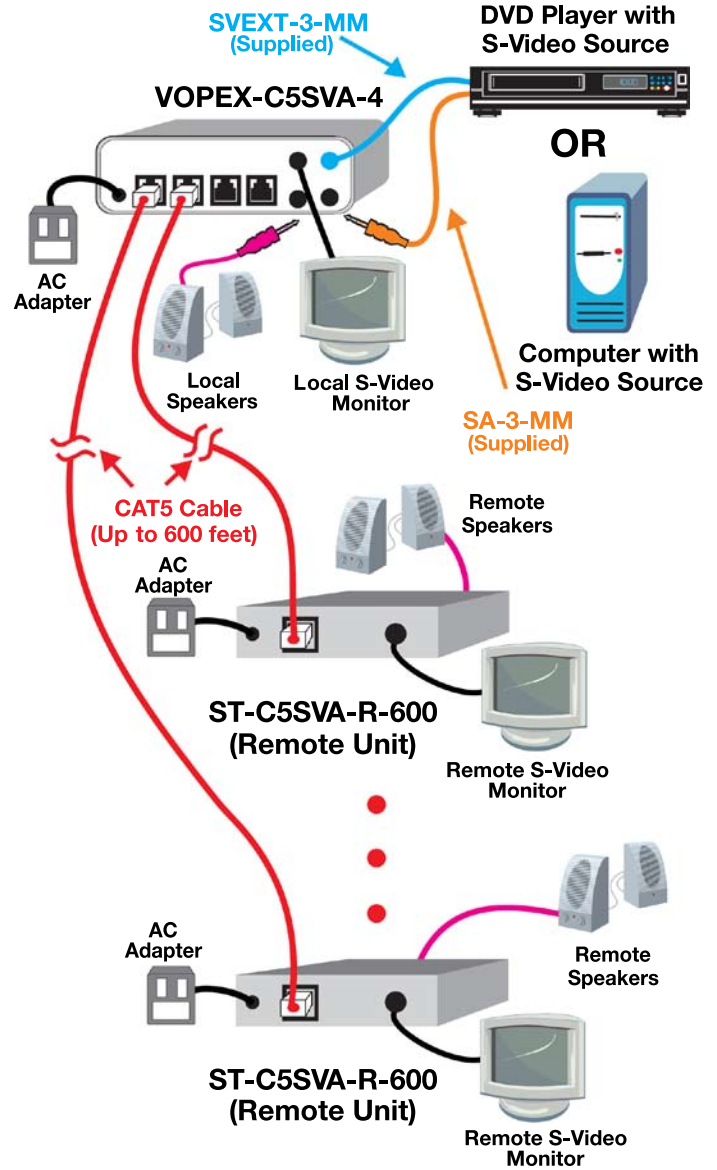
Warranty

- Two years

Cables

- 3-foot S-Video cable included.
- 3-foot audio cable included (with VOPEX-C5SVA-x).
- Use CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).

Configuration and Cable Illustration



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.

S-Video Splitter / Extender via CAT5 Models				
Supported Features	Local or Remote	NTI Part #	# of ports	Size WxDxH (in)
S-Video	Local	VOPEX-C5SV-4	4	8.5x6.0x2.6
S-Video	Local	VOPEX-C5SV-8	8	8.5x6.0x2.6
S-Video	Local	VOPEX-C5SV-16	16	8.5x6.0x2.6
S-Video + Audio	Local	VOPEX-C5SVA-4	4	8.5x6.0x2.6
S-Video + Audio	Local	VOPEX-C5SVA-8	8	8.5x6.0x2.6
S-Video + Audio	Local	VOPEX-C5SVA-16	16	8.5x6.0x2.6
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



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