

# S-VIDEO EXTENDER

Extend a S-Video TV/monitor up to 600 feet away from a S-Video device

## Available option:

- **Audio**

**Built-In Surge Protection**



**XTENDEX® ST-C5SV-600 (Remote and Local Units)**

## Features & Applications

The XTENDEX® S-Video Extender transmits S-Video locally and remotely up to 600 feet away from a S-Video device using CAT5/5e/6 cable. Each video extender consists of a local unit connected to a S-Video device and a local monitor, and a remote unit connected to a monitor or TV.

- Ideal solution for digital signage applications.
- Supports maximum 800x600 S-Video resolution.
- Built-in surge protection.
- Supports local and remote S-Video display.
- Available with optional stereo audio.
- Use in-house CAT5/5e/6 phone wiring to locate a display remotely.
- Optional VESA mounting bracket is available for mounting the remote unit to the back of a flat panel monitor.

## Specifications

### Local Unit

#### Host Connection

- Supports computers and video devices with S-Video output.
- Male 4-pin miniDIN connector.
- Optional stereo audio support – dual RCA audio plugs.

#### Local Access

- Crisp and clear 800x600 video resolution.
- Female 4-pin miniDIN connector for local display.
- Optional stereo audio support – 3.5mm stereo jack.

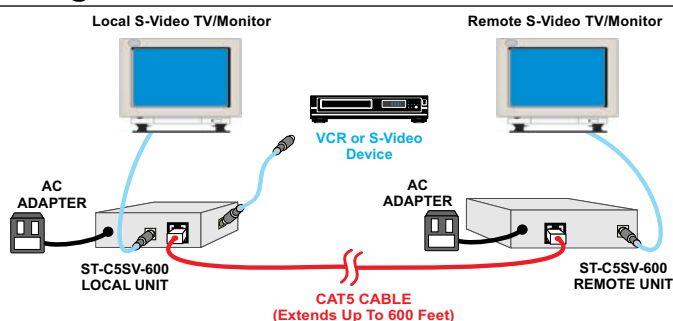
### Remote Unit

- Crisp and clear 800x600 resolution at 600 feet.
- Female 4-pin miniDIN connector.
- Optional 3.5mm stereo audio connection.

### MTBF

NTI Part #	Hours	NTI Part #	Hours
ST-C5SV-L-600 (local)	95,866	ST-C5SV-R-600 (remote)	84,040
ST-C5SVA-L-600 (local)	92,987	ST-C5SVA-R-600 (remote)	86,077

## Configuration and Cable Illustration



## Cables

- Use CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.

### Video Quality Adjustment

- Video quality adjustment for different lengths of CAT5/5e/6 cable is done manually for the video-only extender and automatically for the audio/video.
- Push buttons on the side adjust video quality on the video-only units.
  - The setting is automatically saved to the unit. The next time the unit is powered the adjustment will be recalled.

### Power

- Local and remote unit: 110 or 220 VAC at 50 or 60 Hz via AC adapter.
- Power consumption: 10W (each – local and remote unit)

### Regulatory Approvals

- RoHS

## Audio Option

- Stereo audio can be heard both locally and remotely.
- Frequency response: 20 Hz to 20 kHz,  $\pm 1$  dB.
- Signal-to-Noise Ratio (SNR):  $>72$  dBA.
- Total Harmonic Distortion and Noise (THD+N):  $<0.06\%$ .
- Stereo crosstalk:  $-70$  dB.
- Input impedance: 10k Ohms.
- Line level output; supports multimedia speakers.
  - CD quality audio output.
- Maximum I/O levels: 3.1Vp-p (line level).
- Requires powered speakers.

## S-Video Extender Models

Supported Features	NTI Part #	Local and Remote Unit Sizes WxDxH (in)
S-Video only	ST-C5SV-600	3.5x3.1x1.2
S-Video + audio	ST-C5SVA-600	3.5x3.1x1.2

### CAUTION

Not an Ethernet device. Do not connect to an Ethernet device (card, router, switch, bridge). Permanent damage to the product or Ethernet device may result.