

# ST-VS

## Video Sensor Module

The ST-VS is a Cresnet® expansion module that is used to sense the presence of baseband video signals from up to four separated devices such as VCR's and DVD players. A typical application for video sensing is to provide confirmation of a device's power on/off state. This is often necessary to enable reliable power control for IR controlled devices that do not include discrete power commands in their IR control protocol. The ST-VS may be used to provide a video sensing interface wherever required, and may be rack-mounted using the optional ST-RMK rack mount kit (sold separately). Communication with the control system is via a single Cresnet connection.

### SPECIFICATIONS

#### Connectors

**VIDEO 1 - 4:** (8) RCA female comprising (4) non-terminating composite video inputs with unbuffered pass-thru;

Senses video or unbalanced audio signals;

Threshold:  $\geq 0.5$  Vp-p;

Maximum Input: 2 Vrms

**NET:** (2) 6-pin RJ11 female, Cresnet slave ports, paralleled;

Connect to Cresnet control network

**12VDC:** (1) 2.5mm barrel DC power jack;

12 Volt DC power input (PW-1205 power pack included)

#### Indicators

**PWR:** (1) green LED, indicates power supplied from Cresnet network or local power pack

**NET:** (1) amber LED, indicates communication with Cresnet system

**VIDEO 1 - 4:** (4) red LEDs, indicate input signals presence for each corresponding input

#### Power Requirements

**Power Pack:** 0.5 Amp @ 12 Volts DC;

120 Volts AC, 60 Hz power pack, model PW-1205, included

**Cresnet Power Usage:** 3 Watts (0.125 Amp @ 24 Volts DC) with no power pack connected

#### Environmental

**Temperature:** 41° to 113°F (5° to 45°C)

**Humidity:** 10% to 90% RH (non-condensing)

#### Enclosure

**Chassis:** Metal, black finish

**Faceplate:** Extruded aluminum, black finish with polycarbonate label overlay

**Mounting:** Freestanding or 1U 1/2-width 19-inch rack-mountable (adhesive feet included, ST-RMK rack kit sold separately)

#### Dimensions

**Height:** 1.80 in (46 mm);

1.70 in (44 mm) without feet

**Width:** 7.07 in (180 mm)

**Depth:** 6.32 in (161 mm)



#### Weight

1.92 lb (0.87 kg)

#### INTERNATIONAL VERSION (230 VAC)

##### STI-VS

All the features and specifications of the ST-VS except:

#### Power Requirements

**Power Pack:** 0.5 Amp @ 12 Volts DC;

230 Volts AC, 50 Hz power pack, model PWI-1215, included

**Cresnet Power Usage:** 3 Watts (0.125 Amp @ 24 Volts DC) with no power pack connected

#### Available Models

**ST-VS:** 4-Channel Video Signal Sensor Module

**STI-VS:** 4-Channel Video Signal Sensor Module - International Version, 230V

#### Included Accessories

**PW-1205** Power Pack, Wall, 12VDC, 0.5A, 120VAC [Included Quantity for ST-VS: 1]

**PWI-1215** Power Pack, Desktop, 12VDC, 1.5A, 230VAC [Included Quantity for STI-VS: 1]

#### Available Accessories

**ST-RMK:** Rack Mount Kit

**CNRJ11:** 4 Wire to RJ11 Cresnet Converter

**CRESNET-NP-BK-B500:** Cresnet® Control Cable, non-plenum, black, 500 ft box

**CRESNET-NP-OR-B500:** Cresnet® Control Cable, non-plenum, orange, 500 ft box

**CRESNET-NP-TL-B250:** Cresnet® Control Cable, non-plenum, teal, 250 ft box

**CRESNET-NP-TL-B500:** Cresnet® Control Cable, non-plenum, teal, 500 ft box

**CRESNET-NP-TL-SP500:** Cresnet® Control Cable, non-plenum, teal, 500 ft spool

**CRESNET-NP-TL-SP1000:** Cresnet® Control Cable, non-plenum, teal, 1000 ft spool

# ST-VS Video Sensor Module

**CRESNET-NP-YL-B500:** Cresnet® Control Cable, non-plenum, yellow, 500 ft box

**CRESNET-P-BK-SP500:** Cresnet® Control Cable, plenum, black, 500 ft spool

**CRESNET-P-OR-SP500:** Cresnet® Control Cable, plenum, orange, 500 ft spool

**CRESNET-P-TL-SP500:** Cresnet® Control Cable, plenum, teal, 500 ft spool

**CRESNET-P-TL-SP1000:** Cresnet® Control Cable, plenum, teal, 1000 ft spool

**CRESNET-P-YL-SP500:** Cresnet® Control Cable, plenum, yellow, 500 ft spool

**CRESNET-HP-NP-TL-SP500:** Cresnet® "High-Power" Control Cable, non-plenum, teal, 500 ft spool

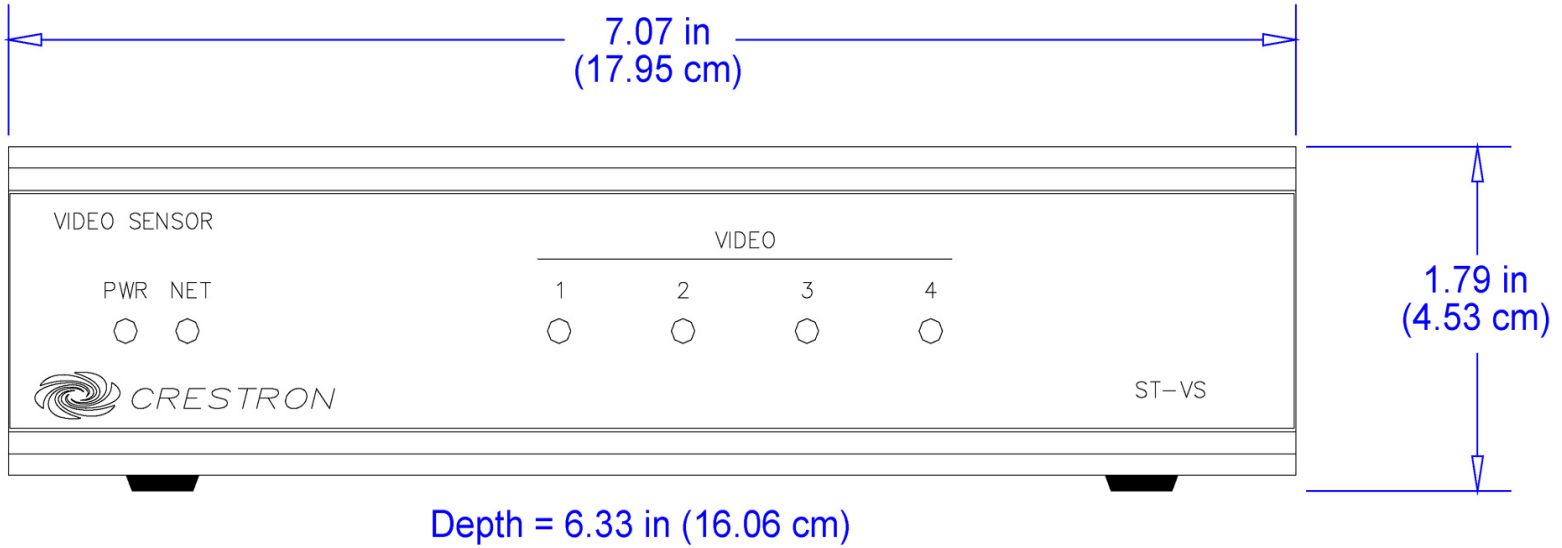
**CRESNET-HP-NP-TL-SP1000:** Cresnet® "High-Power" Control Cable, non-plenum, teal, 1000 ft spool

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