

Low Cost Intersection Video Detection

**A powerful video processing card designed specifically
for vehicle presence detection at intersections**

The SmarTek Systems SVS-1 delivers reliable stop line vehicle detection at a very affordable price.

The latest addition to the SmarTek Systems' family of non-embedded detector systems, this video detector lives up to its heritage of product quality and powerful processing.

Slide the card into TS-1, TS-2, or 170/2070 card file. Simply connect off-the-shelf NTSC video cameras with up to 30 zones each. Use either a PC or mouse and monitor to send the zones to 4 relays per camera via Boolean logic on the card edge or four extra relays via an extension card.

Model SVS-1 Video Detection Card



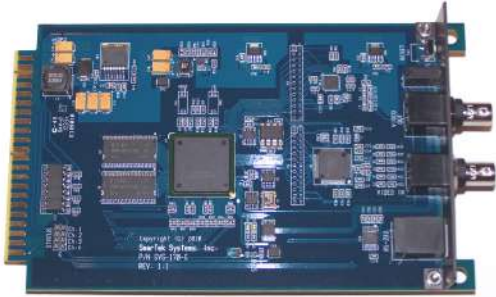
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Low Cost Video Detection System

The SVS-1 Saves Time and Money



System Features:

- Low Cost Alternative to embedded loops
- 30 detection zones per attached camera
- Up to 4 opto-isolated outputs per camera via onboard, TS-1, TS-2, or 2070/170 card file interfaces (8 outputs with Expansion Cards)
- RS-232 or Ethernet connections to cabinet or system equipment

SVS-1 Card



Specifications:

- 1 NTSC Camera input, 75 ohms (future PAL)
- 1 NTSC Video output for Monitor Output
- 4 independent optically-isolated outputs per camera on base card, up to 4 additional opto-isolated outputs with expansion cards in other slots.
- Up to 30 detection zones with flexible logic for mapping to relay outputs
- A True Presence Detector, each zone holds the call while vehicles remain in the zone
- Temperature -35 C to $+75\text{ C}$, Humidity 0% to 95% non-condensing
- Power 12 to 24 VDC from card file
- Two Year Warranty



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