

Low Cost Stop Line Video Detection

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

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 in a small package.

The SmarTek Systems SVS-1 delivers reliable stop line vehicle detection at an affordable price. A sophisticated algorithm lies behind a clean exterior. Configure up to 6 off-the-shelf NTSC video cameras with up to 30 zones each. Map the zones to 10 relays per camera via Boolean logic. Six isolated logic inputs are available. Verify setup via front panel selection and video monitor output. Connect to TS-1, TS-2, and 170/2070 card files.



Model SVS-1 Video Detection System



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Low Cost Video Monitoring System

The SVS-1 Saves Time and Money



SVS-1 Front View

System Features:

- Low Cost Alternative to embedded loops
- Low installation cost
- Monitor up to six cameras or intersection approaches
- 30 detection zones per camera
- Up to 10 opto-isolated outputs per camera via onboard, TS-1, TS-2, or 2070/170 card file interfaces
- RS-232 or Ethernet connections to cabinet or system equipment

Specifications:

- Up to 6 NTSC Camera inputs, 75 ohms (future PAL)
- Up to 10 independent optically-isolated outputs per camera.
- Up to 30 detection zones with flexible logic for mapping to relay outputs
- Six opto-isolated inputs
- A True Presence Detector, each zone holds the call while vehicles remain in the zone
- Temperature -35 C to +75 C, Humidity 0% to 95% non-condensing
- Power 12 to 24 VDC, 8, 12, or 16 watts, depending on the number of cameras, AC adapters available
- Dimensions 4.5" H x 6.75" W x 8" L
- Two Year Warranty



SVS-1 Rear View



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