

**For Release 9 a.m. EST  
March 1, 2006**

## **SmarTek Systems, Inc., Announces SVS-1 for Vehicle Presence Detection**

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

**Woodbridge, VA — March 1, 2006** — The latest addition to the SmarTek Systems' family of non-embedded detector systems, the SVS-1 video detection system lives up to its heritage of product quality and powerful processing in a small package.

This low cost alternative to embedded loops has a low acquisition and installation cost, can monitor up to six cameras or intersection approaches with 30 detection zones per camera. The system provides up to 10 opto-isolated outputs per camera via onboard, TS-1, TS-2, or 2070/170 card file interfaces. Each zone independent detection extension and detection delay times which can be mapped individually to specific relay outputs. Both RS-232 and Ethernet connections to cabinet or system equipment are provided for local or remote control, set-up verification or image viewing.

The SmarTek Systems SVS-1 delivers reliable stop-line vehicle detection at an affordable price. A sophisticated algorithm lies behind a clean, tough exterior. The SVS-1 system uses off-the-shelf Black-and-White or Color NTSC video cameras. Six isolated logic inputs are available. Verify setup via front panel selection and video monitor output.

### SVS-1 System Specifications:

- Up to 6 NTSC Camera inputs, 75 ohms (future PAL)
- Up to 10 independent optically-isolated outputs per camera, onboard or via external relay cards.
- 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

#####

**For more information:**

Greg Pieper  
410-315-9727  
[gpieper@smarteksys.com](mailto:gpieper@smarteksys.com)  
[www.smarteksys.com](http://www.smarteksys.com)