

# FirstView<sup>®</sup> RoverCam<sup>™</sup>

## MOBILE VIDEO SURVEILLANCE SYSTEM



### Feature Highlights

- **Mobile surveillance solutions for Homeland Security, Military and Law Enforcement**
- **Mobile camera-equipped vehicles provide surveillance flexibility by filling voids in fixed-camera environments**
- **Provides real-time video, camera control and user management**
- **MilSpec wireless & embedded video encoder**

In today's surveillance environment, armies are no longer targeted exclusively; terrorists are now focusing on public infrastructure and civilian populations in order to disrupt economies and effect morale. The need to protect buildings and provide on-site surveillance for large public gatherings has become paramount.

Smiths Detection has identified a surveillance requirement that must be rapidly deployable and able to secure locations that are not covered by fixed video surveillance networks.

The solution is RoverCam<sup>™</sup>, a fully self-contained mobile surveillance platform that pro-

vides critical, real-time video communications and improved situational awareness for First Responders, Mobile Command Centers (MCC) and Emergency Operations Centers (EOC).

FirstView<sup>®</sup> and RoverCam<sup>™</sup>; are in use by many city and Federal agencies. They have been successfully deployed at high-profile public events, including the Boston Red Sox World Series and New England Patriots Superbowl victory celebrations, the 2005 Presidential Inauguration and State of the Union Address, and the 2005 Academy Awards<sup>®</sup>.

# FirstView® RoverCam™

Based on Smiths Detection's proven FirstView® technology, RoverCam™ is a complete turnkey software and hardware solution.

It consists of a laptop computer and an exterior-mounted, hard-wired PTZ camera controlled via a 3-axis hardware joystick attached to the laptop.

Video and camera control are relayed using a combination of

public and private networks using encrypted wireless systems and secure WiFi hotspots.

The laptop is equipped with a DVD recorder for recording video as well as a spare hot-swappable hard drive used when forensic analysis must be accomplished at a different location.

First Responders can also use Smiths Detection's MobilePC

on handheld computers to access RoverCam's™ video for improved situational awareness while enroute to developing crises.

The FirstView® Enterprise Server repeats video signals from RoverCam™, allowing hundreds of users the ability to access the data, live or on-demand.

## USA

Smiths Detection Inc.  
Aquidneck Corporate Park  
Tech Plaza IV, Suite 250  
88 Silva Lane  
Middletown, RI 02842 USA  
T: +1 401 848 7678  
F: +1 401 846 7077  
firstview@smithsdetection.com

Smiths Detection Inc.  
30 Hook Mountain Road  
PO Box 410  
Pine Brook, NJ 07058  
T: +1 973 830 2100  
F: +1 973 830 2200  
USinfo@smithsdetection.com

## Technical Data

---

### Additional Features

- Records video at resolutions up to 640x480 and 30 (fps) – dependent on encoder source using Motion-JPEG or MPEG-4 compression
- Video channels/sources can be configured as continuous record, enabling lengthy pre-alarm buffers or based on specified feeds
- Archived video can be searched based on date, time or event
- Events can be triggered by software or hardware triggers from various sensors (local or remote)
- Event notification and management system (web, email, cell and pager)
- Live and recorded video accessible through standard PCs, web browsers and networks (no proprietary application software required)
- Video clips and images can be easily distributed to web browsers, Windows Media Player™, downloaded, emailed or recorded to a local DVD-R for remote analysis or forensics
- Encrypted network access to system using configurable hierarchal user management system to setup unlimited security levels and roles
- Scalable to support additional software algorithms, such as advanced motion detection, object recognition and tracking, sensor triggers and bio-metrics (per application requirements or based on specified feeds)

### Specifications

Custom configurations are available for numerous vehicle and mobile fly-away applications

---

Product specifications subject to change