

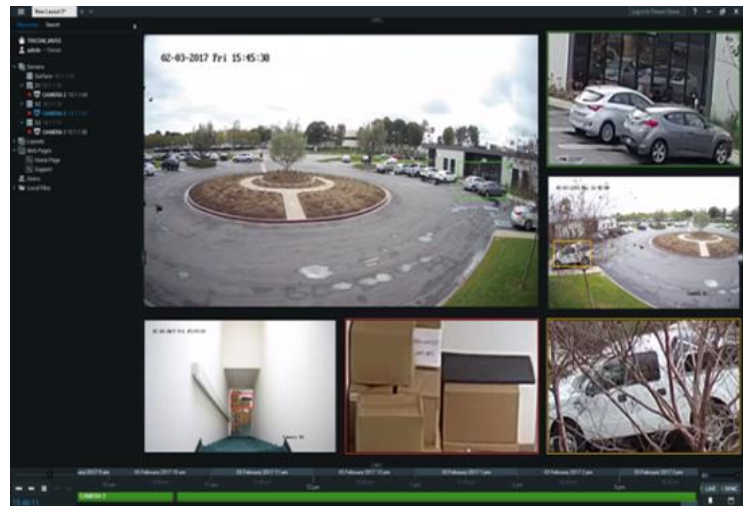
Mobile Video Surveillance System (MVSS)

The Mobile Video Surveillance System (**MVSS**) is an integrated system of hardware and software configured for observation and recording of data from Internet Protocol (IP) streaming video sources. The system is comprised of a base station, multiple IP radios, multiple IP cameras and various cables and accessory components and software configured specifically for viewing, recording, and collecting high resolution video.

The **MVSS** provides the user with a seamlessly integrated wired or wireless high definition networked security system with an intuitive user interface for fast and successful mission deployment.

The **MVSS** radios form a self-healing Mobile Ad-hoc Network (MANET). The radios provide a PoE output for a camera connection and multiple input and output controls for external sensors. While the **MVSS** Radios provide the highest degree of flexibility for system deployment, the base station may be deployed without radios in a hard-wired implementation or may be configured with other high bandwidth Ethernet capable tactical radios.

The **MVSS** 4 MP cameras are weather resistant and are powered by Power-over-Ethernet (PoE) connections with the standard military tactical handheld radio battery attached to the MVSS radio or by a local 12 VDC source. The MVSS base station also provides multiple PoE ports for hard wired connection of cameras.



Features

- **State-of-the-art user interface with integrated secure wireless high definition networked video**
- **Rapid deployment, redundant recording, and powerful integration and interoperability capabilities**
- **MVSS Mobile app for viewing on any Smartphone (Droid and iPhone)**
- **Desktop client runs on any PC or Mac to view live or recorded video, use powerful search tools, and to control PTZ and cameras**
- **Viewing recording and playback of video from observation points**
- **Wireless connectivity to video sources provided by mobile network (MANET) handheld radios**
- **Supports up to 12 Tricom or other manufacturer's IP streaming video sources**
- **Supports local or MANET networked IP video streams**
- **Weather Resistant radios and IP cameras**
- **3 solid state hard drives for long term high capacity time stamped and searchable data storage**

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General Specifications

Part #: 11000-00811, TCR-VID-002

Radio

Frequency range 2200-2500 MHz and 4700-5000 MHz

Architecture 2 channel MIMO Mobile Ad hoc Network (MANET)

Encryption AES 256 FIPS 140-2

Status Remote reporting of alarms, voltages, temperature, sensors and controls

Power Direct connect and cabled inputs for handheld radio batteries or 9-32 VDC

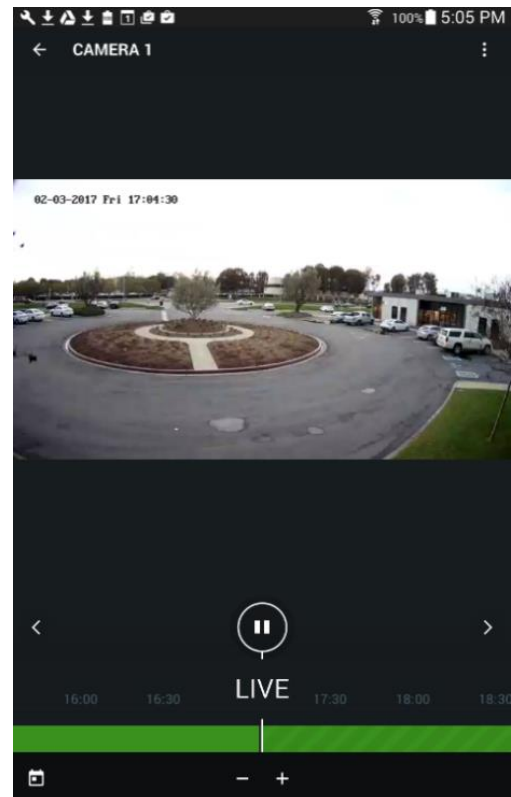
POE Integrated IEEE 802.3af controller for external PoE camera

Camera

4 MP WDR IP dual streaming with high power illuminator

Base Station

Triple redundant NVRs with field replaceable solid state drives, multiple POE LAN connections and removable FIPS 140-2 Wireless Access Point. Wide range AC input. Removable touch screen controller in MIL-STD-810 drop protected case.



The MVSS Video Client (above) and the MVSS Mobile App (right) are both powerful tools for video connectivity.

For a complete contents list and more information on the Tricom Research MVSS system, please visit our website at: <http://tricomresearch.com/video-surveillance/>