



Wireless Mobile Surveillance System Radio

The **MVSS Radio** is a Multiple Input Multiple Output (MIMO) Mobile Ad hoc Networking (MANET) dual band IP radio. The radio is simple to set up, configure and monitor with an embedded web server interface and powerful networking tools. External connections include PoE for an IP streaming camera or other IP device, input and output pins for sensors, door contacts or other external devices and a serial port for an external optional GPS receiver. A hard-mounted battery and a secondary handheld battery input are provided for hot swap capability or for other DC power options such as dedicated DC power with the battery acting as a UPS.

The **MVSS Radios** are dual banded for operation in the 2200 – 2500 MHz and the 4700 – 5000 MHz bands with programmable power output up to 1 Watt. The radios are rugged and waterproof with an integrated status display and simple two button user control.

Part #: 20000-00135, TCR-RAD-001



FEATURES

- User friendly interface
- Mobile Network (MANET) wireless connectivity
- Weather Resistant
- Uses standard AN/PRC-152 or AN/PRC-148 style batteries (not included)

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RADIO TOP VIEW
CONNECTORS AND TnC PORTS



RADIO SIDE VIEW
32 PIN SIDE CONNECTOR

Specifications

Frequency	2200-2500 MHz and 4700-5000 MHz
RF Power	Programmable up to 1 Watt
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	Dual power inputs for handheld radio batteries or 9-32 VDC
PoE	Integrated IEEE 802.3af controller for external camera
Dimensions	7" (L) x 3.5" (W) x 2" (D)
Weight	2.85 lbs. (without battery)

Accessories

- Additional accessories**
- 76000-00501- Two Wideband antennas per radio
 - 77500-00775 – 10 ft Sidemount Cable Assembly (for Tricom camera operation)
 - 77500-00776 – 20 ft Sidemount Cable Assembly (for Tricom camera operation)
 - Custom cable options available upon request or Purchase Order submission