MSA Wireless Handheld Video Receiver

MSA’s compact Wireless Handheld Video Receiver is a frequency-scanning analog receiver well suited for law enforcement, security, and surveillance use. It will pick up images from any video transmission source in the scanning frequency range, including MSA’s ThermalTrac™ TIC when the TIC is equipped with the video transmitter described on the reverse of this page.

Key features:
- Scans frequencies between 900 to 2550 MHz, so you can toggle between frequencies of interest
- Powered by four AA alkaline batteries
- Dual antenna
- 2.5” color-capable TFT High-Resolution display
- Improved sensitivity for extended range
- Enhanced video processing for receiving a sharper, clearer image
- Video output port for simultaneous viewing and recorder interface
- DC input for extended use

Specifications for Wireless Handheld Video Receiver (Standard):
- **Scanning Range**: 900MHz ~ 2520MHz
- **Operation Mode**: Auto / Manual
- **Antenna Head**: SMA (Detachable)
- **Battery Life-Time**: 3 Hours (Approx.)
- **Internal Power**: AA Battery 1.5V x 4
- **External Power**: DC5V / 750mA
- **Video Display**: 2.5” Color TFT LCD
- **Frequency Display**: LCM
- **Auto Scan Mode**: 10 ~ 20 Sec. / Cycle (L ~ H)
- **Manual Scan Mode**: 1 MHz / Sec. / 10MHz / Sec.
- **Dimension**: 4.8 L x 2.9 W x 1.4 H inches
- **Weight**: 8.5 oz

Ordering Information:

MSA Wireless Handheld Video Receiver, complete with detachable SMA Antenna, external power adapter (DC5V/750mA), and carrying case 10088012

Accessories:
- Telescopic Extension Pole 10088011
- Camera Bracket 10090902
- Swivel Tilt Head (optional) 10090904
MSA’s Evolution® 5000-Series Transmitter, a remote wireless video transmission system, can be attached to MSAs ThermalTrac™ Thermal Imager. TIC images can then be transmitted to MSA’s Wireless Handheld Video Receiver (described on page 1) to enhance an officer’s situational awareness.

Key features:

- One-button operation simplifies use
- Self-contained modular design enables maximum flexibility to deploy the transmitter easily when needed
- Use requires no modifications to the ThermalTrac
- Independent power supply does not draw power from the TIC battery, for maximum transmitter run time of both TIC and transmission system
- Compact, lightweight package maintains the ergonomic profile of the ThermalTrac TIC

Transmitter Specifications:

- **Frequency**: 2.4 GHz, analog signal
- **Transmitted Power**: 450mW EIRP
- **Antenna Type**: Dipole
- **Power Supply**: Lithium Ion Battery
- **Run Time**: 4 hours (Transmitter Only)
- **Channel Selection**: 2-Channel, 2458 and 2474 MHz
- **Mounting Externally**: Mounted to TIC
- **Transmission Range**: 1-mile line of sight
- **FCC Approvals**: Part 90 ID# RPNE5KTX10046340
- **Dimensions**: 8.5" x 5.5" x 5"
- **Weight**: 13 oz (16 oz with battery)
- **Construction**: Flame-, Impact- & Water-Resistant

Ordering Information:

- MSA Evolution 5000-Series Transmitter, complete with single battery pack: 10047573
- Lithium Ion Single-unit Battery Charger: 10041100
- Replacement Lithium Ion Battery: 10038412