



McQ SURVEILLANCE
SOLUTIONS

rSCENE®

**TACTICAL RADAR, SIMPLIFIED.
NO CALIBRATION.
NO CLUTTER.
JUST TRACKING.**

**The McQ rScene bridges the gap between highly
technical radar & practical operational reality.**

Delivering automated target tracking that fits in your pack,
without the setup headache or heavy logistical footprint.

RESULTS

- Instant Target Tracking
- Automated Clutter Rejection
- Ultra-Low Power Footprint
- Backpack-Ready Portability

ALWAYS ON WATCH FOR TARGETS OF INTEREST

The rScene is a sensor-driven, mission-focused micro radar engineered for the realities of modern tactical operations where power is scarce, deployment must be rapid, and manual configuration is a luxury operators cannot afford.



ZERO-CALIBRATION SETUP

Turn it on and track immediately. Automated environmental adaptation eliminates the need for site masking or manual calibration.



NATIVE SENSOR CUEING

Built to natively trigger and cross-cue adjacent tactical nodes, seamlessly driving automated camera tracking and immediate visual verification.



AUTOMATED EDGE PROCESSING

Onboard algorithms instantly calculate ranges, angles, and velocities to classify threats without relying on external cloud or server overhead.



SCALABLE ISR INTEGRATION

Operates as an integrated tool within McQ's OmniWatch®: platform, or exports secure target data to third-party C2 systems.

OPTIONS & OPERATIONAL FIT

rSCENE SURVEILLANCE KIT

SKU: RS-K1002

Communication: Terrestrial 900MHz wireless link

Battery Life: 6 Days

Form Factor: Under 1lb unit fits standard operator packs

PURPOSE-BUILT FOR RAPID & INDEPENDENT PERIMETER SECURITY

The McQ rScene® features an intelligent FMCW architecture that automatically filters out environmental noise, ensuring every alert is a target of interest. This versatile suite delivers high-performance detection and tracking, regardless of weather conditions or blowing foliage.

TARGET DISCRIMINATION

Automated Classification: Onboard intelligence runs custom algorithms to distinguish between human and vehicle signatures instantly.

Low-Signature Detection: Operates with minimal power and bandwidth, keeping your tactical network footprint exceptionally small.



CLOSE-IN DETECTION PERFORMANCE

Personnel Tracking: Accurately detects and tracks individuals up to 50 meters away.

Vehicle Tracking: Accurately detects, tracks, and classifies moving vehicles up to 100 meters away.

MAXIMIZING THE McQ ISR ECOSYSTEM

A standalone radar detects threats, but an integrated McQ tactical kit delivers actionable intelligence. The rScene® seamlessly bridges into our wider tactical ecosystem to provide zero-lag, automated target verification.

Cross-Sensor Cueing: When rScene detects a target, it automatically triggers and cues adjacent imagers, optimizing your perimeter without operator intervention.

Visual Verification via vWatch®: Integrate with the vWatch® system's central battery/data box and interchangeable camera options to automatically spin imagery to the operator the moment a radar track is established.

Layered Perimeter Defense with RANGER®: Pair radar tracking with the ultra-compact Ranger sensor to establish a high-fidelity, multi-layered detection web that filters out environmental noise and guarantees target classification.

Unified Tactical Footprint: Deploy a complete, low-power, dismounted surveillance solution that communicates natively across a secure wireless link, reducing operator cognitive overload.