

# vWATCH

## AUTONOMOUS ISR FOR CONTESTED ENVIRONMENTS

McQ's vWATCH® CLOSES THE GAP BETWEEN  
DETECTION AND DECISION.

Delivering timely, relevant visual confirmation when a sensor detects a target that matters.

### RESULTS

- Faster decision-making
- Reduced cognitive load
- Lower power consumption
- Greater mission endurance





## BUILT FOR OPERATIONS WHERE OTHERS FAIL

vWatch is a sensor-driven, mission-focused imaging solution engineered for the realities of modern military operations — where power is limited, networks are fragile, and every byte matters.



### OPTIMIZED FOR LOW BANDWIDTH

Onboard image processing and video compression allow effective operation over constrained links.



### EVENT-DRIVEN IMAGERY

Imagery is sent only when a sensor triggers or a target is detected, eliminating unnecessary data flow.



### MOBILE & UNATTENDED

Small, rugged cameras designed for temporary or rapidly deployed missions.



### DESIGNED FOR AUSTERE & CONTESTED ENVIRONMENTS

Edge image processing reduces cloud and infrastructure overhead.

## OPTIONS & OPERATIONAL FIT

### vWATCH TACTICAL

**Purpose-Built for Forward & Contested Operations**

**SKU:** VW-K4704

**Communication:** Terrestrial 900MHz, Cellular, Ethernet

**Battery Life:** Up to 3 Days

### vWATCH GLOBAL

**Persistent Awareness Across Extended Distances**

**SKU:** VW-K4750

**Communication:** Terrestrial 900MHz, Iridium SBD/RUDICS, Ethernet, Cellular

**Battery Life:** Up to 9 Days



## vWATCH CAMERA SOLUTIONS

The McQ vWatch offers multiple interchangeable camera options categorized into Day and Night use cases to provide critical visual confirmation in any environment.

This versatile suite ensures every event-driven alert is backed by high-definition Electro/Optical or advanced thermal imagery, regardless of lighting or atmospheric conditions.

### NIGHT & LOW-LIGHT OPERATIONS

**Advanced Thermal Detection:** High-performance thermal sensors designed to detect heat signatures through total darkness, smoke, and light fog.

**Superior DRI Performance:** Engineered for long-range Detection, Recognition, and Identification to spot threats long before they reach a perimeter.

### DAYLIGHT OPERATIONS

**High-Resolution Precision:** Optical sensors optimized for maximum clarity and positive identification of personnel and vehicles.

**Flexible Field of View:** Available in a range of wide and narrow configurations to balance situational awareness with long-range target acquisition.