

## WESCAM MX™-8. FULLY DIGITAL. HIGH DEFINITION.

A Compact, Multi-Sensor, Multi-Spectral Imaging System in a Single Line Replaceable Unit (LRU)

The WESCAM MX-8 is ideal for manned or unmanned airborne platforms requiring high-performing imaging solutions and low-weight installation solutions.

### WEIGHT-OPTIMIZED SYSTEM

- > 15 lb / 6.8 kg turret
- > Electronics unit inside the turret
- > Built-in vibration isolation
- > Built-in GPS receiver

### HIGH-PERFORMANCE GIMBAL

- > 8" turret diameter for small platforms
- > <11" turret height for better ground clearance
- > Compatible with standard quick disconnect mounts
- > Side mounted connectors for recessed installations

### UNCOMPROMISED DESIGN

- > Fully active MX-Series stabilization with internal vibration isolation for best-in-class image stability
- > Precision optics support target detection, recognition and identification

### RUGGEDNESS

- > MilSpec environmental and EMC qualification
- > Built-in vibration isolator protects internal payload components
- > Rugged aerospace grade cast aluminium structure
- > Completely sealed against the environment
- > Rigorous environmental stress screening (ESS) programs used
- > Designed to minimize maintenance requirements and simplify repair



ACTIONABLE  
INTELLIGENCE



### MULTI-SENSOR IMAGING/LASING PAYLOAD OPTIONS

- > Supports up to four sensors simultaneously
- > Thermal, Color-Daylight and Low-Light imaging
- > Continuous Zoom IR and EO
- > Eye-safe Laser Rangefinder, Laser Illuminator<sup>1</sup>
- > Inertial Measurement Unit (IMU) standard

### HIGH-PERFORMANCE IMU & MX-GEO SOFTWARE SUITE

- > IMU mounted on the optical bench
- > IMU & MX-GEO for accurate target location
- > MX-GEO automatically aligns to aircraft
- > Robust automatic image focus

### DIGITAL SENSORS/ADVANCED IMAGE PROCESSING

- > Real-time image enhancement on all sensors simultaneously
  - High-performance haze penetration
  - Improved feature recognition & ID
  - Automatic Video Tracker (AVT)
  - 2x, 4x Ezoom



WESCAM MX-8

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