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
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
> 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