WESCAM MX™-RSTA
FULLY DIGITAL. HIGH DEFINITION.

A Small, Multi-Sensor, Multi-Spectral Sighting System in a Single Line Replaceable Unit (LRU) configuration

The WESCAM MX-RSTA is ideal for reconnaissance, surveillance, target acquisition, ground combat and force protection missions.

MULTI-SENSOR IMAGING/LASING PAYLOAD OPTIONS
- Supports up to six payload items simultaneously
- HD thermal, HD daylight and low-light cameras provide 24/7 imaging
- Continuous zoom IR and EO
- High-magnification spotter
- High-sensitivity color low-light imaging
- Eye-safe laser rangefinder
- Laser illuminator in choice of wide or narrow divergence

HIGH-PERFORMANCE GIMBAL
- 4-axis stabilized turret with internal passive isolator for excellent stabilization performance
- Sharp optics and excellent stabilization performance results in industry leading target detection, recognition and identification range performance in the 10" class
- Inertial Measurement Unit (IMU) mounted to optical bench for high target location accuracy

ADVANCED IMAGE PROCESSING
- Real-time image enhancement on all sensors
  - High-performance haze penetration
  - Improved feature recognition and ID
  - 2x, 4x Ezoom
  - Advanced video tracker
  - Imaging blending
  - Embedded Moving Target Indication (MTI)
  - Pseudo-color IR

WESCAM ADVANCED VIDEO ENGINE (WAVE)
- A high-performing embedded computing engine engineered to support advanced image-processing capabilities
- Architecture includes a state-of-the-art graphics processing unit (GPU) - enabling future advancements in image processing & surveillance automation
INTERFACE FLEXIBILITY
> Built-in video switch matrix provides multiple HD-SDI and analog video outputs
> Flexible data ports; RS-232/422, Ethernet
> All standard WESCAM MX-Series command and control, moving map and radar interfaces

RUGGEDNESS
> Ruggedized for ground
> MilSpec environmental and EMC qualified, including humidity, salt, fog and waterproofness
> Built-in vibration isolator protects internal payload components
> Rigorous environmental stress screening (ESS)
> Designed to minimize maintenance requirements and simplify repair

SIMPLIFIED INTEGRATION
> 43 lbs turret
> Electronics unit inside the turret
> Built-in vibration isolation
> Built-in GPS receiver
> Compatible with standard quick disconnect mounts
> Side mounted connectors for recessed installations
> No calibration required for LRU swapout