

WESCAM MX™-GCS

Independent Stabilized Sighting System

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

The WESCAM MX-GCS is a highly versatile above-armor gunner or commander sight that provides on-the-move target identification, tracking and firing capabilities while significantly improving the lethality and survivability of new or upgraded land combat vehicles. The capability of the WESCAM MX-GCS can be scaled through a modular payload approach; to suit almost any platform requirement and program budget.

SIGHTING SYSTEM APPLICATIONS

- > As a gunner sight: The WESCAM MX-GCS can identify threats beyond the range of the vehicle's weapon system, allowing for standoff distance engagements at maximum effective ranges.
- > As a commander sight: The WESCAM MX-GCS provides vehicle commanders the ability to scan for, identify and track targets (hunter) independent of the gunner system, hand-off identified threats between target acquisition systems (killer), or fire weapons autonomously from the commander position.

ENHANCE YOUR SITUATIONAL AWARENESS

- > 360-degree scanning capability independent of the gun turret axis
- > Integrate a series of high-performing sensors for optimal visibility – day and night

- Mid-wave large-format cooled thermal imager
- High-Definition (HD) daylight imaging sensor
- Eye-safe laser rangefinder

REDUCE YOUR DETECTION TIME

- > Real-time image enhancement of all sensors / high-performance haze penetration
- > Improved feature recognition and Identification
- > Image blending – combine day and infrared night images into a single image stream – affording the operator the benefits of both



UNCOMPROMISED SIGHTING AND FIRING EFFICIENCY

- > Fully active gimbal stabilizes and steers the imager and rangefinder's line-of sight in azimuth and elevation
- > High accuracy gimbal position feedback for target handoff applications
- > High boresight accuracy and retention
- > Optional
 - Target auto-tracking facility – use high-speed or stationary mission profiles
 - Armor accessory - protects against small arms fire
- > Proven - live fire tested with 30mm and 105mm gun systems

FULLY INTEGRATED FOR INSTALLATION SIMPLICITY

- > Integrated electronics
- > Interfaces to dual-channel gun resolver
- > High-vibration / shock suppression and positional accuracy for gun sight applications
- > Field-swappable

RUGGEDNESS

- > Qualified to U.S. military standards for environmental and electromagnetic compliance
- > Reliability assured by accelerated life testing



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