

WESCAM MX™-GCS MK2

Independent Stabilized Sighting System For Enhanced Commander and Gunner Situational Awareness

The WESCAM MX-GCS MK2 is ideal for reconnaissance, surveillance, target acquisition, ground combat and force protection missions.

The WESCAM MX-GCS MK2 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 strength and survivability of new or upgraded land combat vehicles. The capability of the WESCAM MX-GCS MK2 can be scaled through a modular payload approach to suit almost any platform requirement and program budget.

SIGHTING SYSTEM APPLICATIONS

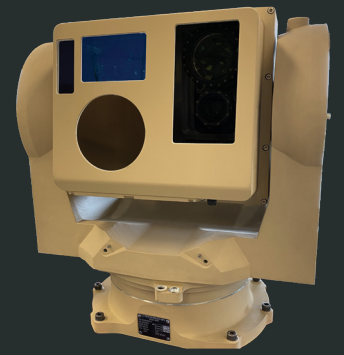
- > As a gunner sight: The WESCAM MX-GCS MK2 can identify threats beyond the range of the vehicle's weapon system, allowing for standoff distance engagements at maximum effective ranges.
- > As a commander sight: The WESCAM MX-GCS MK2 provides vehicle commanders the ability to scan for, identify and track - independent of the gunner system, hand-off identified threats between target acquisition systems, or fire from the commander position.

REDUCED 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 sensors

ENHANCED SITUATIONAL AWARENESS

- > 360-degree scanning capability independent of the gun turret axis
- > Integrated series of high-performing sensors for optimal visibility – day and night
 - High-definition, mid-wave, large format, cooled thermal imager
 - Increased fields-of-view
 - High-definition color imaging sensor
 - High-accuracy eye-safe laser rangefinder
 - Optional laser illuminators^{1,2} for covert or visible target marking



FEATURES AND BENEFITS

- > Enhance Commander & Gunner Situational Awareness
- > Ruggedized Sight with High-Accuracy Pointing
- > Reduced Detection Time
- > Increased Field-of-View & Detection Recognition Identification (DRI) Capability
- > Single Line Replaceable Unit for Optimal Integration
- > Field Swappable
- > Laser Designator Option Available

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
 - Laser designator
- > Proven - live fire tested with medium and large caliber weapon systems

FULLY INTEGRATED FOR INSTALLATION SIMPLICITY

- > Integrated electronics
- > Interfaces to optional 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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