Maritime Imaging Solutions

ACCURATE TARGET DETECTION AND IDENTIFICATION AT SEA

CM262M MARITIME GIMBAL

GYRO-STABILIZED MULTI-MISSION OPTIC FOR MARINE VESSELS AND COMBAT CRAFT
Border Protection & Littoral Security

> RELIABLE ISR AT DAY AND NIGHT
High definition daylight, high definition MWIR and SWIR imagery delivers accurate target detection, recognition and identification in low light conditions, ideal for missions that run from day to night.

> ACCURATE TARGET POSITIONING
Gather accurate data on the location of a target with GEO-Lock. Geo-tagging provides automated real time updates on a target for maximum situational awareness. Long range laser range finders deliver accurate measurements on the distance between a vessel and a target for improved target acquisition.

> ON-THE-MOVE PERFORMANCE
AVT’s advanced video processor produces accurate, reliable and autonomous object tracking; improved on-the-move stabilization; and robust video content analytics.

Marine Patrols

Defense, Law Enforcement and Crime Prevention at Sea

> RELIABLE IMAGERY AT SEA
AVT’s imaging systems have undergone extensive testing and development to provide consistent, reliable and accurate intelligence. Optimized for the maritime environment, AVT’s systems perform effectively in a range of weather conditions and maritime environments.

> HIGH VISIBILITY IN LOW LIGHT CONDITIONS
One of the greatest challenges at sea is gathering mission-critical imagery through sea fog and haze. Designed specifically for maritime missions, the CM262M utilizes the best thermal sensors to cut through haze and deliver crisp imagery in lowlight conditions that are commonly encountered at sea.

For maximum clarity, the defog function further enhances the quality of the imagery in real time to maximize identification accuracy. An integrated short-wave infrared sensor improves the operator’s visibility in sea fog and haze.
Search and Rescue

Effective Imaging Solutions for Long and Short Range DRI

MAXIMUM SPEED TO DETECTION
With full HD imagery (daylight and MWIR), the operator can accurately detect and identify a person or vessel at sea. AVT’s maritime imaging systems offer superior optical and digital zoom capabilities to speed up the operator’s ability to detect and identify an object. Crisp SWIR imagery offers enhanced situational awareness at sea.

RAPID RESPONSE
Quick detection and identification of an object enables a rapid and informed response.

RUGGED & RELIABLE
Ruggedized to withstand the harshest maritime missions, AVT’s imaging systems are dust resistant and waterproof to deliver consistency and reliability for longer. A standard rating of IP67 ensures each imaging system performs effectively in challenging maritime environments.

Maritime Imaging Systems

CM262M
ADVANCED FULL HD IMAGING SYSTEM FOR MARINE VESSELS
26.5lb / 12kg | 260mm x 395mm
60x EO Optical Zoom
20x MWIR Continuous Optical Zoom
SWIR Imagery
Laser Range Finder
IP67 Rating
Standard Features

**OBJECT TRACKING**
Lock onto an object to maintain a consistent and reliable track. This feature keeps a target in the center of the screen, mitigating platform and object movements until a further command is given.

**GEO-LOCK**
Gather accurate geo-location data or lock the sensor onto a specific geo-location with a simple click of a button.

**ENHANCED STABILIZATION**
Gyro-stabilization improves the image quality by mechanically removing any movements or vibrations produced by a moving platform. Real time video stabilization further counteracts vibrations to provide a smooth and seamless video experience.

**ONBOARD VIDEO ENCODING**
Video is encoded onboard to MISB and STANAG standards to maximize system compatibility.

**NAVIGATION**
Benefit from accurate acceleration, orientation, position and velocity data.

**PLUG ‘N’ PLAY HOOK UP**
AVT systems provide quick and simple integration into all platform types to facilitate rapid deployment and instant operation.

**EASE OF EXPORT**
We manufacture our systems in the United States and Australia to provide ease of exportation to customers worldwide.

Contact Us

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