

Maritime Imaging Solutions

ACCURATE TARGET DETECTION AND IDENTIFICATION AT SEA



CM262M MARITIME GIMBAL

GYRO-STABILIZED MULTI-MISSION OPTIC FOR MARINE VESSELS AND COMBAT CRAFT

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Border Protection & Littoral Security

Designed for the Evolving Maritime Environment

> RELIABLE ISR AT DAY AND NIGHT

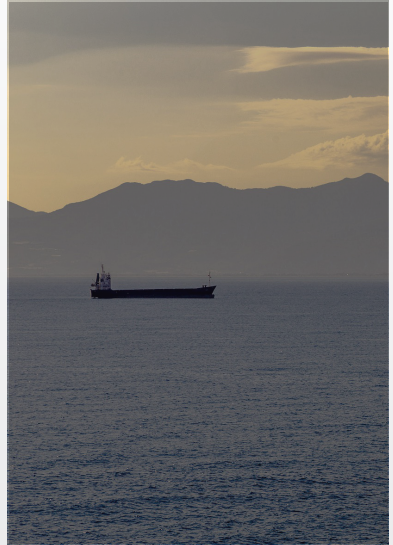
High definition daylight, high definition MWIR and SWIR imagery delivers accurate target detection, recognition and identification in low light conditions, ideal for missions that run from day to night.

> 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

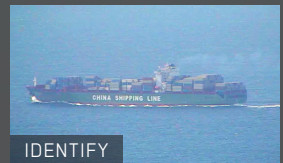
With full HD imagery (daylight and MWIR), the operator can accurately detect and identify a person or vessel at sea. AVT's maritime imaging systems offer superior optical and digital zoom capabilities to speed up the operator's ability to detect and identify an object. Crisp SWIR imagery offers enhanced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



USA and EMEA

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