



CM262M

Multi Mission Maritime System

Full HD

12kg

Laser

IP67

Designed for intelligence, surveillance and reconnaissance at sea, the rugged CM262M multi sensor imaging system provides superior performance in rough water environments. For long range detection and identification, the CM262M has a high definition electro-optical sensor with up to 60x optical zoom and a high definition MWIR sensor with 20x optical zoom. Optimized for missions on-the-move, the CM262M performs effectively at speeds in excess of 40mph.



MARITIME ISR AND COUNTER UAS

Technical Specifications

GIMBAL CAPABILITIES

Mechanical Axes	2 (Pan and Tilt)
Position Accuracy	0.0046° (80 μrad)
Elevation	+90° / -10°
Azimuth	360° Continuous
Slew Rate	360°/s max, Acceleration 1500°/s ² max
Power	Idle 40W / Peak 250W
Voltage	11 - 36V
Modes	Rate/ Scene/ Track/ GEO-Lock
Communication Link	Ethernet / RS232 Communication Libraries Available

HARDWARE

Weight	<26.5lb / <12kg
Diameter	260mm / 10in
Height	395mm / 15.6in
Temperature	-10°C to +50°C 14°F to +122°F
Environment	IP67
Shock Limit	20 G
Peripherals	3x GPIO

VIDEO SPECIFICATIONS

Digital Output	H.264 MPEG2 TS
Snapshots	1280x720 (EO) 1280x1024 (IR) Stored On Board
Standards	MISB (0102.10, 0601.7, 0603.2, 0604.3 & 0903.3) & STANAG (4609) Compliant

INTERNAL INS / GNSS

Horizontal Position Accuracy	2.0m
Vertical Position Accuracy	3.0m
Heading Accuracy	0.8°
Accelerometer Range Supported	±16G GPS L1 / GLONASS L1 GALILEO E1 / BeiDou L1
Timing Accuracy	30ns

INTERNAL VIDEO PROCESSOR FEATURES

Recording on Board	✓
Encoding	✓
Object Tracking	✓
E-Stabilization	✓
Scene Steering	✓

Configurations

DAYLIGHT (EO)

Type	CCD Global Shutter
Resolution	1280 x 720
FoV	9° to 1.1°
Zoom	60x Optical
Frame Rate	25Hz

THERMAL (IR)

Type	MWIR	SWIR
Resolution	1280x1024	640x512
FoV	46.2° to 2.4°	14° to 1.4°
Zoom	20x Optical	10x Optical
Frame Rate	Up to 20Hz	Up to 20Hz

LASER

Type	Laser Range Finder
Wavelength	1535nm
Range	Up to 10km
Class	1

Contact Us



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