

MARITIME EO/IR PAYLOADS

Day/Night Observation System for Maritime Vessels



T-VIEW



MEOS



SHAPO



QUAD



DSP-1



SPEED-LR

Key Features:

- Short range solutions for small boats to long range solutions for large battleships.
- Easily integrated onto a wide variety of maritime vessels.
- Suitable for all private, commercial and military requirements.
- Especially configured for maritime applications.
- Ruggedized for maritime environment conditions.
- Wide range of communication interfaces including RS-422 ARINC 429 and MIL-STD-1553 (optional).
- Allows weapon systems to be enslaved to the payloads.

Modes of Operation:

- Observation Mode (Joystick Rate Mode).
- Inertial Target Tracking Mode.
- Hold Coordinate Mode (optional).
- Point to Coordinate Mode (optional).

Platforms:

- Patrol Boats.
- Navy Ships.
- Manned and Unmanned Maritime Vessels.
- Commercial Ships.
- Yachts.



MARITIME EO/IR PAYLOADS

	T-VIEW	SHAPO	QUAD	DSP-1	MEOS	SPEED-LR
IR Camera	8-12µm Uncooled IR	3-5µm IR	3-5µm IR	3-5µm IR	3-5µm IR	3-5µm IR
FOV	37° - 9.5°	25.5° - 1.7°	27° - 2.2°	27° - 0.76°	13.5° - 1.2°	13.7° - 0.4°
Zoom Power	X4	X15	X12.5	X36	X11	X35
Day Channel	CCD	CCD	CCD	CCD	CCD	CCD
FOV	30° - 3°	40° - 1.8°	57° - 1.7°	13.6° - 0.7°	13.6° - 0.9°	13.6° - 0.9°
Zoom Power	X10	X22	X36	X20	X15	X15
			Full HD (optional)	3CCD or Full HD (optional)		
Field of Regard	H: 360° V: 40° to -50°	H: 360° V: -30° to 105°	H: 360° V: -30° to 105°	H: 360° V: -35° to +110°	H: 360° V: -45° to 45°	H: 360° V: -40° to 40°
Weight	4.6 kg	10.7 kg	21.5 Kg	22.5 kg	35 kg	65 Kg
Gimbals	3	3	3	4	2	2
Options						
Laser Pointer	-	✓	✓	✓	✓	✓
Laser Range Finder	-	✓	✓	✓	✓	✓

Applications:

- Day/Night Observation.
- Law Enforcement and Military.
- Search & Rescue (SAR).
- Coastal and Border Patrol.
- Port and Harbor Control.
- Safety of Seas.
- Anti-terrorist Surveillance.
- Anti-smuggling Surveillance.
- Oil Spill Detection.

Options:

- High resolution IR detector 640 x 512.
- Laser Range Finder (LRF).
- Laser Pointer.
- Interface to GPS.
- Ruggedized video display (8.4" 10.4" or 17").
- Video recorder.



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