





GATEKEPERStaring Electro-Optic Ship Security System

- > Staring IR & TV cameras
- > Relieves men on deck
- Situational Awareness in busy environment
- Automatic detection and tracking of targets
- Recording for post-action analysis
- > Low weight
- High Reliability and Easy Maintenance



GATEKEEPER

Staring Electro-Optic Ship Security System

Main features

- Panoramic display for situational assessment
- Section View for operator classification
- Automatic detection & tracking
- High update rate
- High resolution
- Thermal night vision
- Passive operation
- Electronically stabilised
- Aligned with Ship's reference frame
- Automatic recording
- Easy maintenance

Missions

- Security against asymmetric threats at sea
- Security against asymmetric threats in port

Options:

- High resolution TV cameras

Performance

• Detection (average)

- Swimmer : 0.6 km - RHIB : 2.4 km - FPB : 8.3 km

• Classification (with TV)

Swimmer : 0.14 km
RHIB : 0.4 km
FPB : 2.6 km
Classification (with optional high-res TV cameras)
Swimmer : 0.4 km
RHIB : 1.6 km

: 6.8 km

Installation

- FPB

Dimensions and Weights (max. values)

Power Requirements

115V 60Hz 1ph 4.5kVA

Technical characteristics

Un-cooled IR-Cameras:

Band : LW-IR
 Array format : 640x480
 Field Of View : 46°x37°

Dimensions and Weight (max. values)

	Mass	Width	Depth	Height
	(kg)	(mm)	(mm)	(mm)
Sensorhead ¹	42	704	479	420
Cleaner Fluid Unit	40	300	600	360
Processing Cahinet	425	606	811	1820

Note 1: 3 - 4 sensorheads per system

Colour TV-Cameras:

Array format : 1600x1200Field Of View : similar to IR

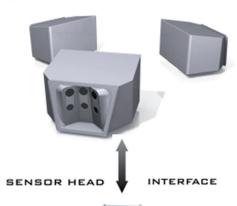
High-Resolution colour TV-Cameras (option):

- Array format : ≥ 4000x2600 - Field Of View : similar to IR

Processing capacity

- Tracking capability
- Automatic track initiation within enabled areas
- Electronic stabilisation

System overview









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