



By courtesy of the Royal Netherlands Navy



## GATEKEEPER

### Staring 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
  - FPB : 6.8 km

### Installation

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 (kg)	Width (mm)	Depth (mm)	Height (mm)
Sensorhead <sup>1</sup>	42	704	479	420
Cleaner Fluid Unit	40	300	600	360
Processing Cabinet	425	606	811	1820

Note 1: 3 - 4 sensorheads per system

### Colour TV-Cameras:

- Array format : 1600x1200
- Field 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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