

SENTINEL 30 is a 2-axis gyro-stabilized remotely-controlled weapon station capable to perform surveillance, target observation and target tracking missions under both day and night conditions.

This system mounts a 30mm (adaptable to 40mm) MK 44 Bushmaster II (standard or stretch version), which offers a high firing capacity and accuracy thanks to its integrated next-gen ballistic calculator.

Especially designed to be integrated on large and medium size vessels, SENTINEL 30 offers a quick and effective response against asymmetric threats.

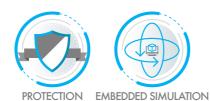














### **TECHNICAL DATA**

## **WEAPON STATION**

Mounting type: 2-axis gyro-stabilized. Platform:

Weapon: Standard configuration with MK44 Bushmaster II Stretch 30 or 40mm.

Elevation: -20° to +60°. Azimuth: Nx360°.

Stabilization level: <1 mrad.

Weight\*: <1250 kg. \*Without weapons and munition

## Other features

- Configurable inhibition of fire zones for operational safety.
- · GPS system included.
- Data exchangeability with external C4I.
- Ballistic calculator for high firing accuracy.

# **ELECTRO-OPTICAL SYSTEMS**

#### Cooled IR Camera:

- 640 x 51215 μm.
- 3rd Gen MWIR Detector.
- Continuous Zoom: 8x.
- WFOV: 17.62°(H) x 14.09°(V).
- NFOV: 2.20°(H) x 1.76°(V).

### Day Sight Camera (DSC):

- HD CMOS sensor.
- 1920 x 1080 pixels 3.45μm.
- Continuous Zoom 20x.
- WFOV: 38.13°(H) x 21.38°(V).
- NFOV: 1.90°(H) x 1.07°(V).

RANGES	UNCOOLED IR	COOLED IR	DSC
Detection	≥8,5km	≥17,3km	≥15km
Recognition	≥2,9km	≥5,4km	≥10,3km
Identification	≥2,0km	≥3,6km	≥8,4km

NATO Target 2,3m x 2,3m

#### Laser Range Finder (LRF):

- Accuracy: ± 5m.
- Max. Range: 15 km.
- Programmable Frequency 1Hz 10Hz.







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