



# SENTINEL 30



**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.

ADAPTABILITY

AUTOMATIC TRACKING

CUSTOMIZABLE

LOW MAINTENANCE

MODULARITY

PROTECTION

EMBEDDED SIMULATION



## TECHNICAL DATA

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

## WEAPON STATION

## 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).

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

- 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).

- Laser Range Finder (LRF):**
- Accuracy: ± 5m.
  - Max. Range: 15 km.
  - Programmable Frequency 1Hz - 10Hz.



Avda Punto Es, 10  
 Alcalá de Henares 28805, Madrid. Spain  
 T. +34 911 898 293  
 sales@eme-es.com  
 www.eme-es.com

