

MOS[®]

MARITIME OPTRONIC SURVEILLANCE



GOALS & OBJECTIVES OF MOS

Sirehna Maritime Optronic Surveillance system, MOS, offers Automatic detection, tracking & geolocation of any potential threat on the surface.

MOS can detect Moving or stationary objects appearing anywhere within a range of .5m up to 200m, whatever the sea conditions (up to sea water 4+).

MOS offers automatic camera tracking & identification as well as real time analysis on specific criterias (position, speed and course).

MOS software solution is made up of one or more graphical user interface with video display, radar view, alarm monitoring and zoom panel. MOS allows to display up to 6 thermal cameras with video streams analysis, pan tilt zoom control and coverage over 360°.

- **MOTION & OBJECTS DETECTION**
- **MOVING & STATIONARY OBJECTS TRACKING**
- **ALERTS MANAGEMENT**
- **MARITIME SURVEILLANCE**
- **GRAPHICAL USER INTERFACE**



KEY POINTS

- Automatic thermal detection, tracking & geolocation Moving or stationary objects appearing anywhere within a range of 5m up to 200m up to sea water 4+
- Up to 6 thermal cameras 4k for 360 coverage & panorama vision
- Real time analysis on specific criteria (position, speed, course). Alerts based on CPA & BCR
- 2 graphical user interface for video display, radar view, alarm monitoring & zoom panel
- Calibration, correction, numerical stabilization & projection with birdview or spherical

CHARACTERISTICS



Main console / HMI

NAVIGATION SENSORS



GNSS

Gyro

IMU



Software server



OEM Software Applications



PTZ cameras



Fixed cameras