

MARSS

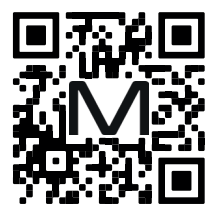


NiDAR™ CUAS COMPACT

COMPACT UAS THREAT DETECTION AND ALERT

- THREAT DETECTION AND CLASSIFICATION
- 360 SURVEILLANCE
- OUT OF THE BOX, PRE-CONFIGURED

Our latest in CUAS innovation, NiDAR CUAS COMPACT is our out-of-the-box air surveillance system, designed for use on mobile platforms including ocean vessels and superyachts. Powered by NiDAR CORE, our AI driven IoT system, the CUAS COMPACT is equipped with RADAR, IR cameras and Radio Frequency Monitoring for trusted protection against drones and unmanned vehicles.



SEE EVERYTHING

4 X RADARS

Delivering 360° surveillance and monitoring, NiDAR CUAS COMPACT is capable of detecting UAS threats from around 2km radius, with immediate observation through the NiDAR interface, and rapid notification of potential threats.

PTZ CAMERA

Eyes on tracking of objects, our state-of-the-art IR camera feeds visual data to NiDAR CORE for threat classification and immediate alerts. Through intuitive interface, operators have full hemispherical surveillance control.

RADIO FREQUENCY MONITORING

Surveillance and analysis of RF signals with intelligent identification, relaying alert and threat classification to operators for response. NiDAR CUAS COMPACT is also able to track threats returning to controlled source.

MITIGATED FALSE ALARM

Always learning, NiDAR CUAS COMPACT is powered by our AI Hybrid Intelligence, supporting security operators with object detection and reliable classification for trusted alerts of threat and recommendations to respond.

TECHNICAL SPECIFICATIONS

Radar detection ranges	Micro drones: >2km
Detection sensors	RADAR, Radio Frequency Monitoring, IR PTX Cameras
Cooled thermal imaging	14x continuous optical zoom
Day/low light camera	30x continuous optical zoom
Ingress protection	IP67
Operating temperature	-20°C to +55°C

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