

MAGOS AREA SURVEILLANCE SOFTWARE - MASS

Integrated and operational with a variety of VMS – Milestone, Avigilon, Genetec, FLIR Latitude, EXACQ, Symphony and more...

Integrated Video Analytic target classification for Minimal FAR

Automatic PTZ Slew-to-cue – plug and play with ONVIF cameras

Advanced Masking/Geofencing capabilities

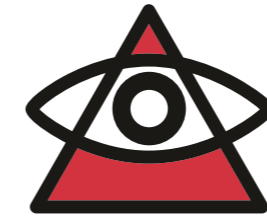
Easy setup and installation with our installer app and setup Wizard

Mobile device operation and Pairing – real time blue force tracking

Automatic Drone launch to Radar detection

Fully unattended operation with Multi Site capability

Web, IP, Map based radar control interface



MAGOS

REINVENTING RADARS

MAGOS PRESENTS A COMPLETELY REVOLUTIONARY SOLUTION IN CIVILIAN SECURITY. WE OFFER COST EFFECTIVE, HIGH RESOLUTION CUTTING EDGE STARING RADARS WHICH PROVIDE 24/7 COVERAGE OF ANY PROTECTED SITE.



SCEPTER



- 100°**
Wide Azimuth Coverage
- 30°**
Unparalleled Elevation Coverage
- 1000M**
Detection Range
- 3 Kg**
LightWeight
- <1.0 M**
Range Accuracy
- 5W**
Power

APPLICATIONS

SCEPTER= MAGIC WAND

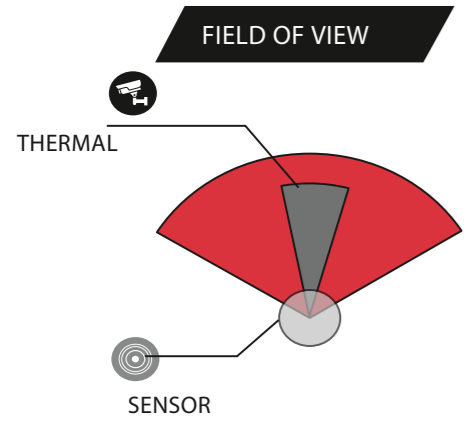
The Scepter is Magos' long range addition to our advanced and cost effective perimeter protection detection solutions for both rural and more saturated environments, without compromising detection performance. By utilizing state of the art MIMO & Digital beam forming technology It detects up to 1000m for walker/ vehicle/boat, and yet consumes extremely low power (<5W). It boasts an ultra-high range accuracy giving it excellent performance in cluttered environments. Its small size, low power consumption and low weight make it simple to install and renders it ideal as a deployable system as well



- AIRPORTS**
- CRITICAL INFRASTRUCTURE**
Gas industry private sector
- SEAPORT & WATERFACILITIES**
Dams & Waterfalls
- ELECTRIC & UTILITIES**
Power plants, Power sub stations
- OIL & GAS**
Oil field, Pipelines
Pump stations, Refineries
- DEPLOYABLE SOLUTIONS**
Anti cattle and equipment theft,
Large Estate Protection, Large
- HIGH SECURITY AREA**
Prisons
- VIRTUAL FENCES**
Private sectors, Logistic centers
Small sites, Parking lots, Border
Gap Filling, Government
facilities, Base/FOB protection

SPECIFICATIONS

Sensor type	High resolution MIMO digital beam-forming radar
Frequency	C-Band
Detection range	Up to 1000m Human/Vehicle/Boat Drone detection – up to 250m
No moving parts	MTBF of 50,000 hours
Built in tracker	Extremely low required bandwidth
Scan rate	2 scans per second
Azimuth coverage	100°
Elevation coverage	30°
High Range accuracy	<1.0m
Azimuth accuracy	1°
Targetdetectionspeed	0.3 – 30 m/sec
Power	48V, <5W
System interface	Ethernet (PoE)
Dimensions	239mm(w) x 320mm(h) x 80mm(d)
Weight	3 Kg
Frequency	5.8GHz

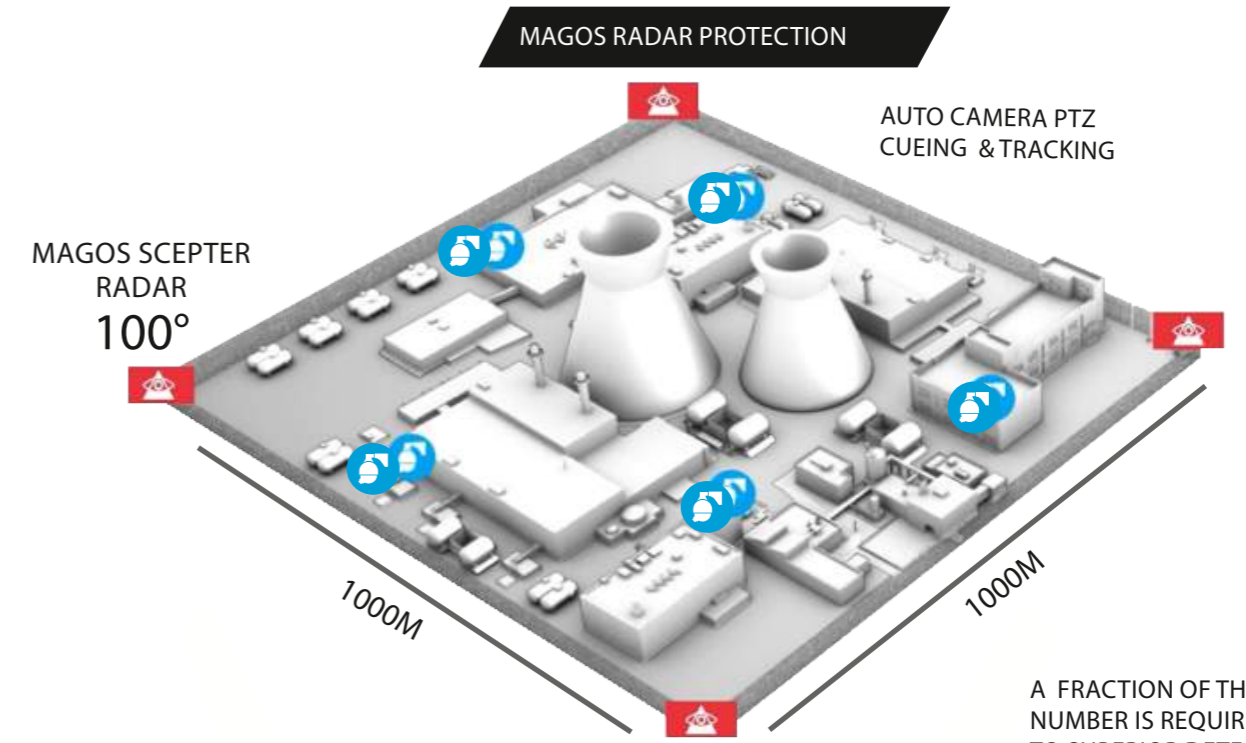


ALL WEATHER & LIGHTING OPERATION

- MAGOS RADAR** (with radar icon) works in all weather conditions: sun, moon, clouds, rain, snow.
- THERMAL CAMERA** (with camera icon) works in all lighting conditions: sun, moon.
- DAY CAMERA** (with camera icon) works in daylight conditions: sun.

SHORT AND LONG TERM COST EFFICIENCY

= X22
MAGOS SR-1000 RADAR = **THERMAL CAMERA**



A FRACTION OF THE SENSOR NUMBER IS REQUIRED DUE TO SUPERIOR DETECTION PERFORMANCE & COVERAGE

