

MAGOS AREA SURVEILLANCE SOFTWARE - MASS

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

Integrated VideoAnalytics target classification for Minimal FAR

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

Advanced Masking/ Geo fencing 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 capabilities

Web, IP, Map based radar control interface

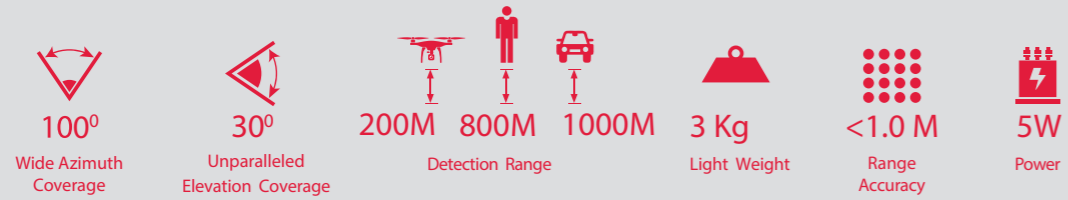


  
**MAGOS**  
REINVENTING RADARS



SCEPTER  
1KM RADAR





**SCEPTER**

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 on detection performance.

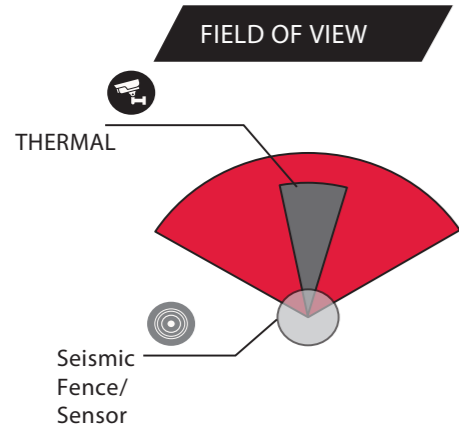
By utilizing state of the art MIMO & Digital beam forming technology it covers an area of more than 500,000m<sup>2</sup> (>120 acres) with a detection range of up to 1000m and yet consumes extremely low power (<5W).

It boasts an ultra-high range accuracy giving it excellent performance in cluttered environments.

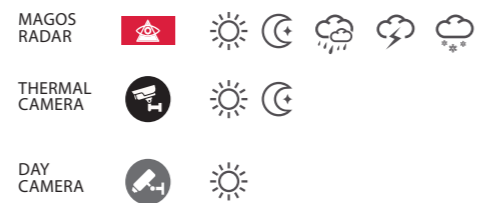
Its small size, low power consumption and low weight make it simple to install and renders it ideal as a deployable system as well.

**SPECIFICATIONS**

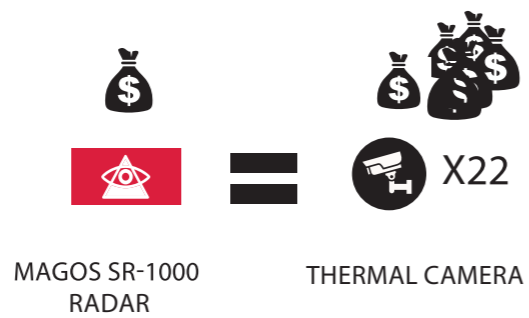
Sensor type	High resolution MIMO digital beam-forming radar
Frequency	C-Band
Detection range	Up to 800m Human/1000m for Vehicle/Boat Drone detection - 200m
No moving parts	MTBF of 50,000 hours
Built in tracker	Extremely low required bandwidth
Scan rate	2 scans per second
Azimuth coverage	100°
Elevation coverage	30°
High Range accuracy	<1.0m
Azimuth accuracy	1°
Target detection speed	0.3 – 30 m/sec
Power	48V, <5W
System interface	Ethernet (PoE)
Dimensions	250mm(w) x 300mm(h) x 80mm(d)
Weight	3 Kg
Frequency	5.8GHz FCC&CE certified



**ALL WEATHER & LIGHTING OPERATION**



**SHORT AND LONG TERM COST EFFICIENCY**



**APPLICATIONS**



**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

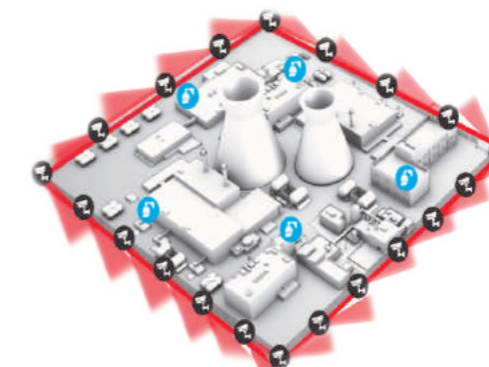
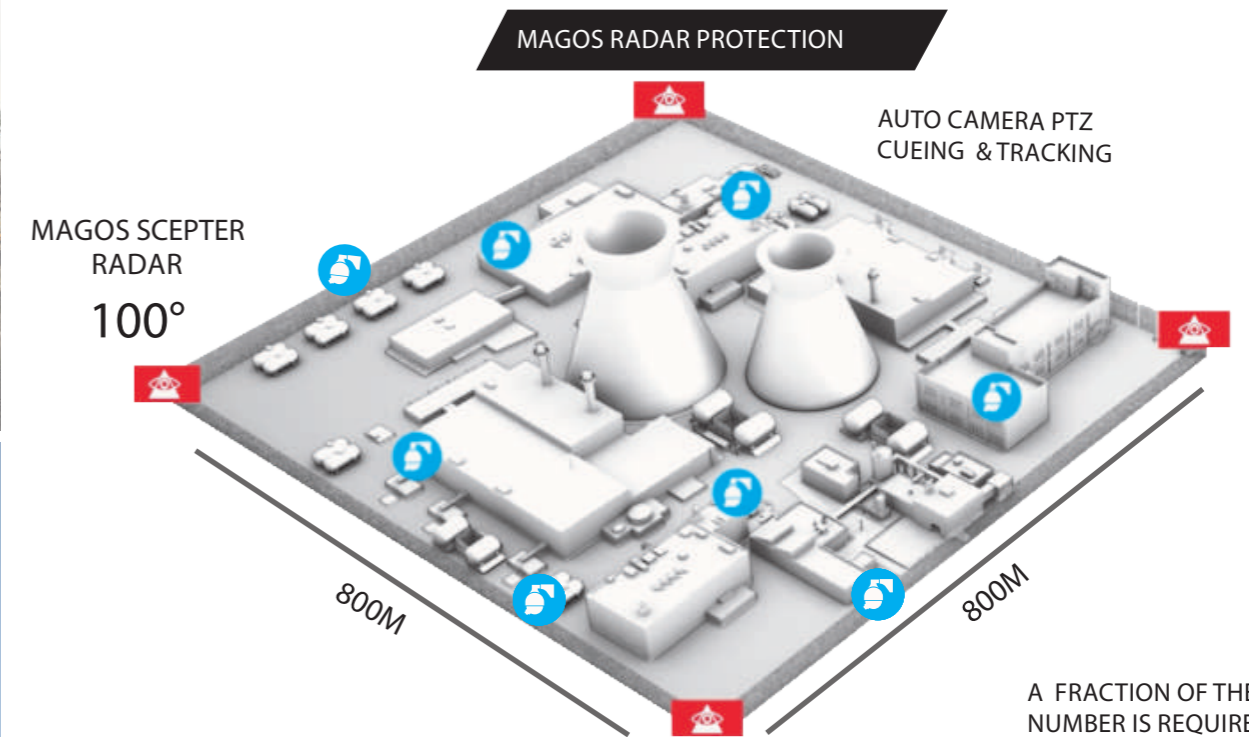
**DEPLOYABLE SOLUTIONS**

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



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