

MAGOS AREA SURVEILLANCE SOFTWARE - MASS

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

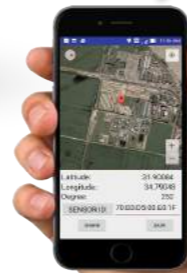
Advanced Masking/ Geo fencing capabilities

Integrated VideoAnalytics target classification for Minimal FAR

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



Easy setup and installation with our installer app and setup Wizard

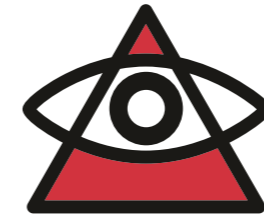


Mobile device operation and Pairing – real time blue force tracking

Automatic Drone launch to Radar detection

Fully unattended operation with Multi Site capabilities

Web, IP, Map based radar control interface



**MAGOS**







REINVENTING RADARS

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.



**SR-1000  
SCEPTER**



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

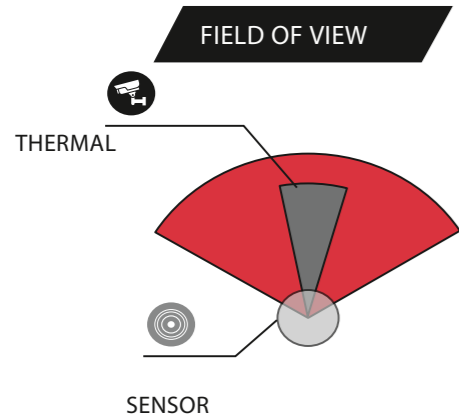
**SCEPTER= MAGIC WAND**

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 of <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 1000m Human/Boat/Drone detection – up to 250m MTBF of
No moving parts	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	250mm(w) x 300mm(h) x 80mm(d)
Weight	3 Kg
Frequency	5.8GHz





**ALL WEATHER & LIGHTING OPERATION**

- MAGOS RADAR      
- THERMAL CAMERA   
- DAY CAMERA  

**SHORT AND LONG TERM COST EFFICIENCY**

 = 

 =  X22

MAGOS SR-1000 RADAR
THERMAL CAMERA

**APPLICATIONS**



**AIRPORTS**

**CRITICAL INFRASTRUCTURE**  
Gas industry private sector

**SEAPORT & WATERFACILITIES**  
Dams & Waterfalls

**ELECTRIC & UTILITIES**  
Power plants, Power sub stations

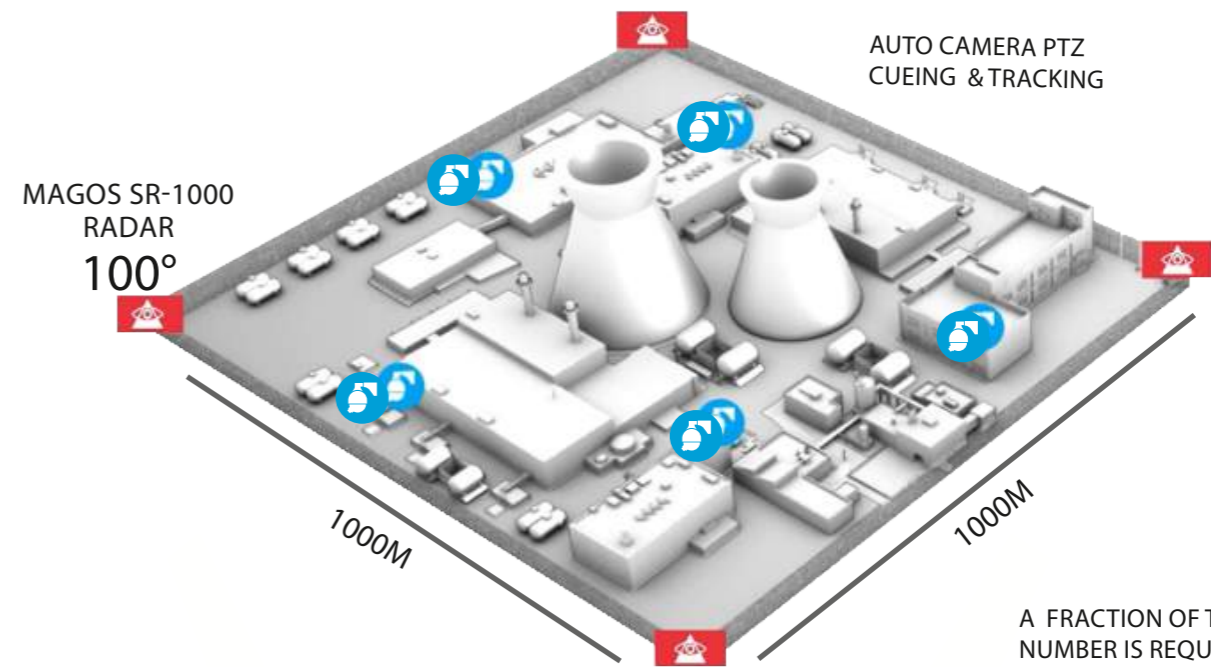
**OIL & GAS**  
Oil field, Pipelines  
Pump stations, Refineries

**DEPLOYABLE SOLUTIONS**  
Anti cattle and equipment theft, Large Estate Protection, Large

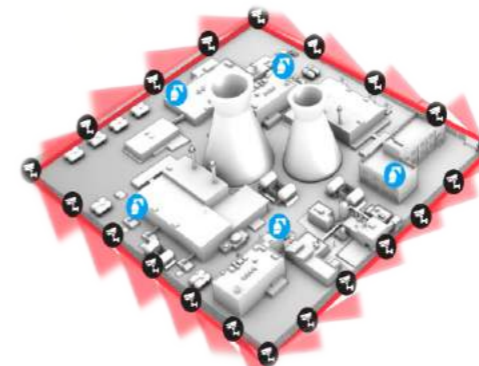
**HIGH SECURITY AREA**  
Prisons

**VIRTUAL FENCES**  
Private sectors, Logistic centers  
Small sites, Parking lots, Border Gap Filling, Government facilities, Base/FOB protection

**MAGOS RADAR PROTECTION**



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



**CONVENTIONAL PROTECTION**