

MAGOS AREA SURVEILLANCE SOFTWARE - MASS

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

Integrated Video Analytics target classification for Minimal FAR

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

Advanced Masking/ Geo fencing capabilities

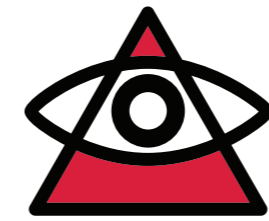
Easy setup and installation with our installer app and setup Wizard

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

MAGOS PRESENTS A COMPLETELY REVOLUTIONARY SOLUTION IN CIVILIAN SECURITY. WE OFFER COST EFFECTIVE, HIGH RESOLUTION CUTTING EDGE STARING RADARS WHICH PROVIDE 24/7, 360° COVERAGE OF ANY PROTECTED SITE.



SR500



- 120°**
Wide Azimuth Coverage
- 30°**
Unparalleled Elevation Coverage
- 100M/400M/600M**
Detection Range
- 1.5 Kg**
Light Weight
- <1.0 M**
Range Accuracy
- 3.5W**
Power

APPLICATIONS

VIRTUAL FENCES

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

SEAPORT & WATERFACILITIES

Dams & Waterfalls

ELECTRIC & UTILITIES

Power plants,
Power sub stations
Solar energy fields

AIRPORTS

DEPLOYABLE SOLUTIONS

Anti cattle and equipment theft,
Large Estate Protection, Large
logistics hubs, Construction sites

OIL & GAS

Oil field, Pipelines
Pump stations,
Refineries

CRITICAL INFRASTRUCTURE
OIL/GAS INDUSTRY
PRIVATE SECTOR



The SR-500 is our most advanced radar and the most cost effective perimeter protection solution for both rural and more saturated environments, without compromising detection performance. By utilizing state of the art MIMO & Digital beam forming technology It covers an area of more than 250,000m2(>61acres) with a detection range of up to 400m for walker and 600m for vehicle/boat, and yet consumes extremely low power (<3.5W) with a small form factor. 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.

SPECIFICATIONS

Sensor type	High resolution MIMO digital beam-forming radar
Frequency	C-Band
Detection range	Up to 100m Drone, 400m Human & 600m Vehicle/ Boat
No moving parts	MTBF of 50,000 hours
Built in tracker	Extremely low required bandwidth (<1kbps)
Scan rate	2 scans per second
Azimuth coverage	120°
Elevation coverage	30°
High Range accuracy	<1.0m
Azimuth accuracy	1°
Target detection speed	0.3 – 30 m/sec
Power	48V, 3.5W
System interface	Ethernet (PoE)
Dimensions	250mm(w) x 150mm(h) x 59mm(d)
Weight	1.5 Kg
Environmental	Full outdoor functionality, IP67. FCC & CE compliant

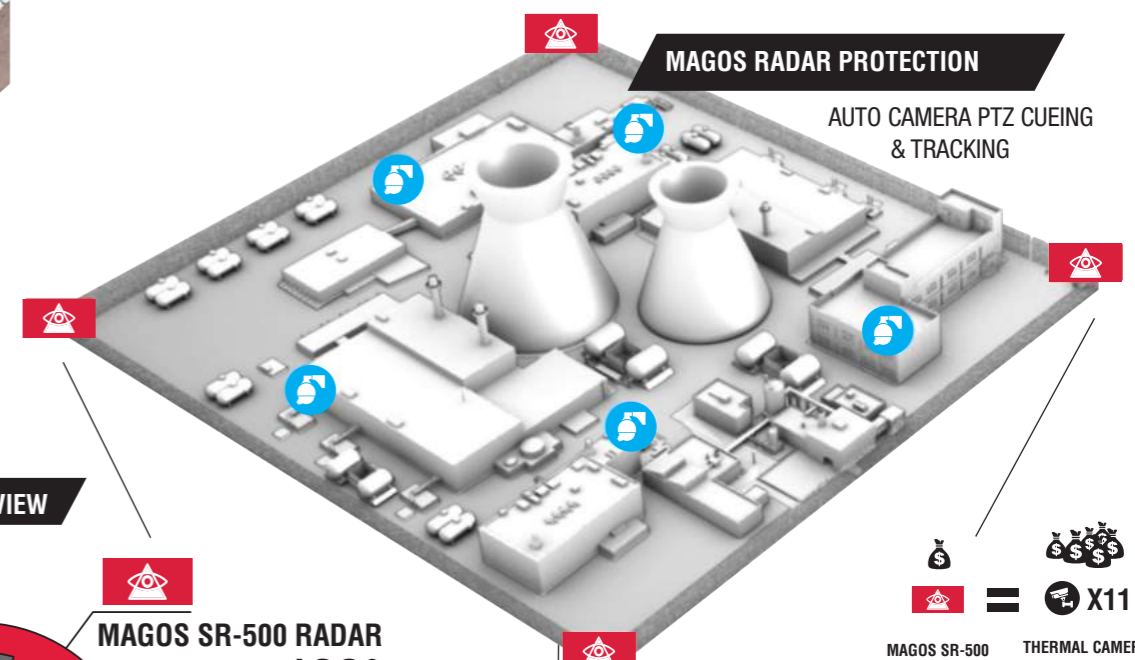


AIRPORTS

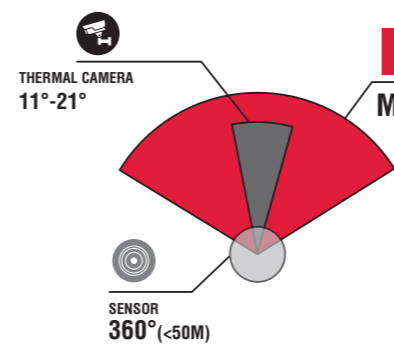


HIGH SECURITY AREA

Prisons



FIELD OF VIEW



MAGOS SR-500 RADAR
120°

MAGOS SR-500 RADAR = THERMAL CAMERA X11

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

ALL WEATHER & LIGHTING OPERATION

- MAGOS RADAR: Sun, Moon, Cloud, Rain, Snow
- THERMAL CAMERA: Sun, Moon
- DAY CAMERA: Sun