

# PROTECT YOUR PROPERTY WITH THE ULTIMATE PERIMETER PROTECTION SOLUTION



## SR-150

### OUR MOST AFFORDABLE RADAR SENSOR FOR SMALL PERIMETERS

ALL WEATHER, 24/7 WIDE AREA SURVEILLANCE

#### INTRODUCING THE SR-150

**MAGOS OFFERS RADAR BASED, COST EFFECTIVE, STATE-OF-THE ART  
PERIMETER PROTECTION SOLUTIONS**

- All-weather 24/7 Cost effective solution for smaller sites in need of high level security
- Lower initial investment and Reduced operating costs – No moving parts and Wide Area coverage
- 6 acre wide area coverage: 120 ° (horizontal) x 30° (vertical) detection up to 150m/500 ft
- Install three **SR-150** and one PTZ-Camera for all weather cost effective 360° solution covering 18 acres
- Integrated with most VMS platforms
- Auto PTZ slew-to-cue integrated with most PTZ brands
- Edge processing driven extreme power & data efficiency: easy solar + wireless integration
- Easy installation & commissioning with **MASS** Wizard site builder
- Integrated with **MASS + AI** - minimal nuisance alarms with AI based target classification



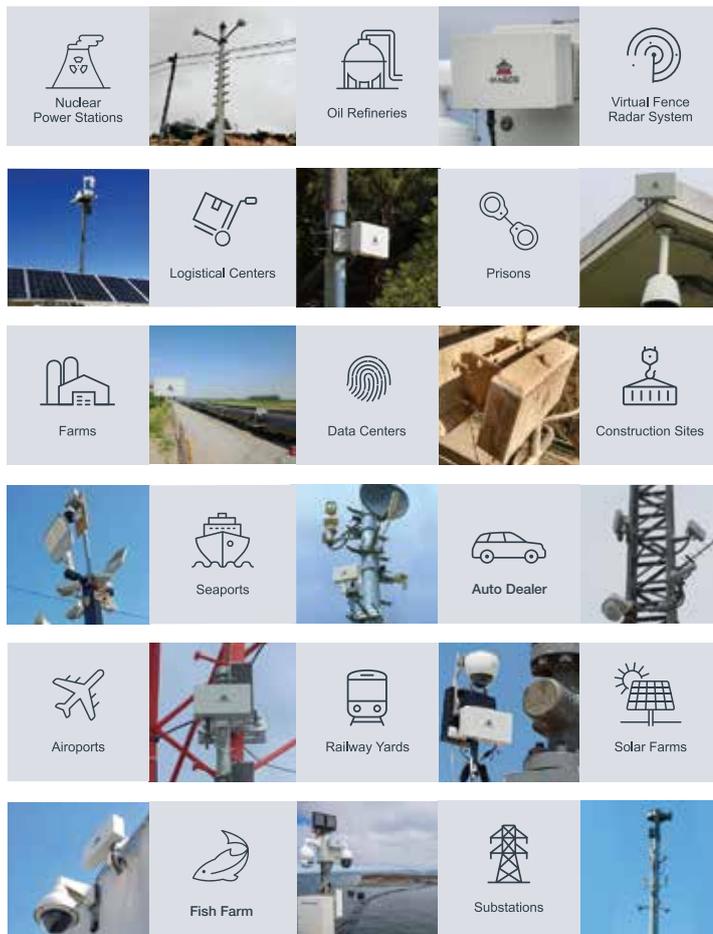
# SR-150

Magos' SR-150 is our most cost effective perimeter protection solution for smaller sites not requiring long range detection without compromising on detection performance at all conditions.

By utilizing state of the art MIMO & Digital beam forming technology It covers an area of more than 23,500m<sup>2</sup> (6 acres) with a detection range of up to 150m, yet consumes extremely low power (<3W) 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 also as part of a deployable system.



## WIDE SPECTRUM OF APPLICATIONS



## SPECIFICATIONS

Sensor type	High res. solid state Ground Based Radar
Frequency	C-Band
Detection range	Up to 150m
No moving parts	MTBF of 50,000 hours
Built in tracker	Extremely low required bandwidth (<1kpbs)
Scan rate	3 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 - IEEE 802.3at Type 1 (802.3af) & Type 2
Dimensions	250(w) x 150(h) x 59(d) mm / 9.8(w) x 5.8(h) x 2.3(d) inc
Weight	1.5 Kg / 3.3lb
Approvals	CE, FCC, UL
Operating temperature	-40°- +85°C

