

PROTECT YOUR PROPERTY WITH THE ULTIMATE PERIMETER PROTECTION SOLUTION



SR-250

OUR MOST AFFORDABLE RADAR SENSOR FOR SMALL PERIMETERS

ALL WEATHER, 24/7 WIDE AREA SURVEILLANCE

INTRODUCING THE SR-250

**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
- 15 acre wide area coverage: 120' (horizontal) x 30' (vertical) detection up to 250m/820 ft
- Install three SR-250 and one PTZ-Camera for all weather cost effective 360' solution covering 65 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



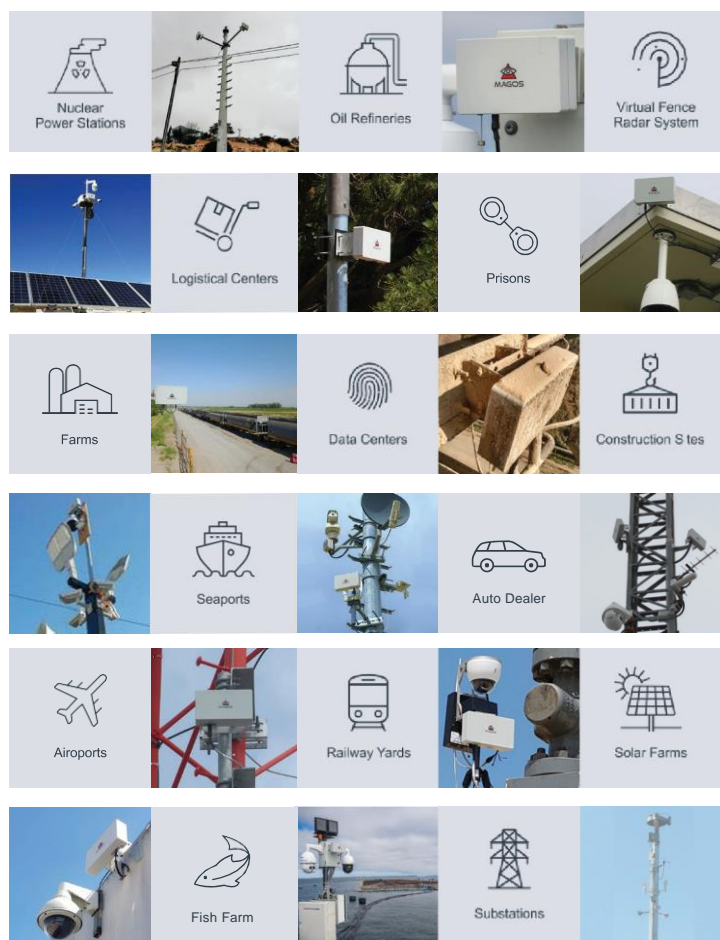
MAGOS SR-250

Magos' SR-250 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 50,000m² (15 acres) with a detection range of up to 250m, 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 250m |
| No moving parts | MTBF of 50,000 hours |
| Built in tracker | Extremely low required bandwidth (<1kbps) |
| 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 | FCC, UL |
| Operating temperature | -40° - +85°C |

