

**PROTECT YOUR FACILITY
WITH THE ULTIMATE PERIMETER
PROTECTION SOLUTION**



SR-1000

**MAGOS 1KM RADAR - OPTIMAL SECURITY SOLUTION
FOR LARGE PERIMETERS**

ALL WEATHER, 24/7 WIDE AREA SURVEILLANCE

**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
- One Radar covers over 200 acre with wide area coverage: 120° (horizontal) x 30° (vertical) detection up to 1,000 m/3,280 ft
- Integrated with most VMS platforms
- Auto PTZ slew-to-cue integrated with most PTZ brands
- Lower initial investment and Reduced operating costs
- No moving parts and Wide Area coverage
- Install four SR-1000 and one PTZ Camera for all weather cost effective 360° solution covering over 800 acres
- 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



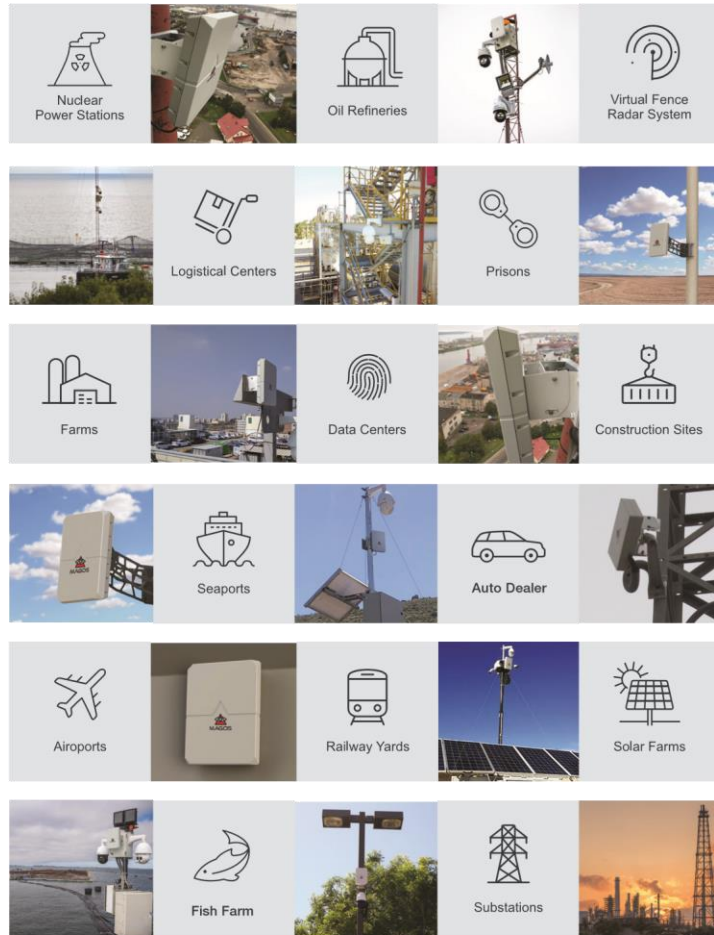
SR-1000



The SR-1000 is Magos' long range addition to our advanced and cost effective perimeter protection detection solutions. The SR-1000 is most suited for large perimeters and areas that either have a wide area to cover continuously (Parking lots, Farms etc. or a very long perimeter(Airport, ports etc.).

By utilizing state of the art MIMO & Digital beam forming technology It covers an area of more than 800,000m2(>200 acres) with a detection range of up to 1000m for walker/ vehicle/boat, 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

WIDE SPECTRUM OF APPLICATIONS



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 - IEEE 802.3at Type 1 (802.3af) & Type 2 |
| Dimensions | 250(w) x 300(h) x 80(d) mm / 9.8(w) x 11.8(h) x 3.15(d) inc |
| Weight | 3 Kg/6.6lb |
| Approvals | FCC, UL |
| Operating temperature | -40° - +85°C |

