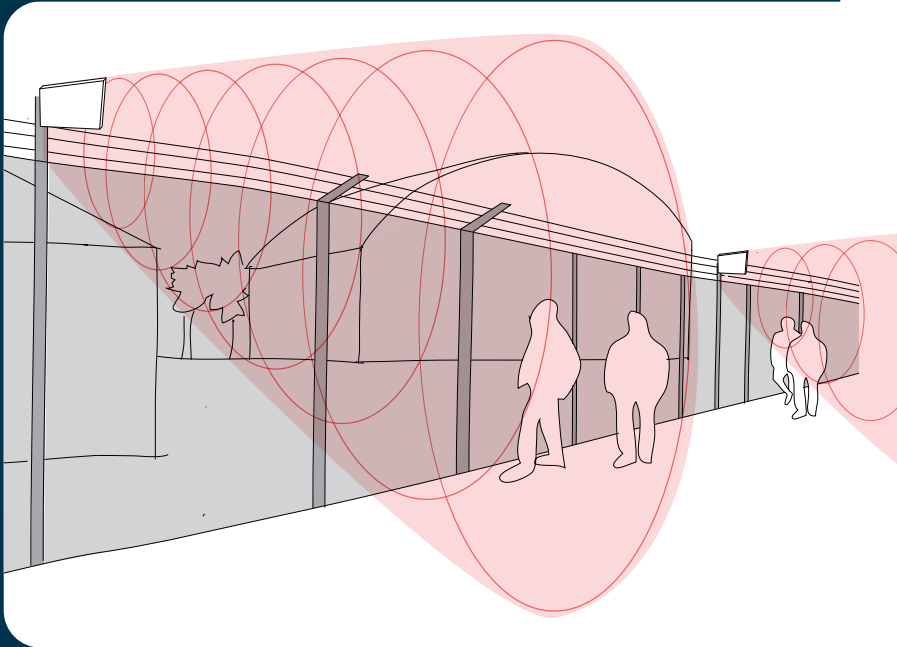




EyeLynx

Gather Video Intelligence Anywhere



EPR-500 from EyeLynx

Perimeter Security Radar

- High resolution detection
- Secure large sites of critical importance
- Get early warning of intruders
- Detect and track moving objects
- Operates in all weather conditions
- Very low power, solid state device
- Always looking, totally reliable

EPR-500

The EPR-500 is 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 400m for walker and 600m for vehicle or boat, and yet consumes extremely low power (<2.5W) and small form factor. It boasts an ultra-high range resolution of 0.4m 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.



Real-time threat detection of moving objects in any weather condition

Applications:

- Airports - Perimeter intruder detection
- Railways - trackside and stations
- Military Bases - Hostile Vehicle detection
- Industrial Sites - Oil and gas refineries
- Public Utilities - Water treatment and Power stations
- Building Sites - Plant security and asset protection
- Residential - Property protection

Features:

- Detect up to 600m
- 120° Azimuth, 30° elevation
- Very low operating power at just 2.5W
- Cutting edge radar technology MIMO, Digital Beam Forming
- Solid State technology, no moving parts
- Works in 5.5GHz license free band
- Fully integrated with SharpView VMS for control of PTZ cameras and early warning of potential intruders or terrorists attack

Benefits:

- Early warning of potential threats
- Low cost, high performance detection operates in all weather conditions, day and night
- No user interaction required once fitted
- Minimal maintenance required
- Fastest return on investment
- Works seamlessly with SharpView CCTV and possibility to integrate with third party software, PSIM and C4I systems
- EyeLynx Radar Manager software enables full system control and management in multi-radar installations with tablet and smartphone integration

EyeLynx Limited

Trident Court,
One Oakcroft Road,
Chessington,
Surrey,
KT9 1RH, U.K

t +44 203 044 2905
w www.eyelyn timer.com
e sales@eyel timer.com

EPR-500 Perimeter Security Radar

Technical Specifications: EPR-500

Sensor type	High resolution MIMO digital beam-forming radar	Built in tracker	extremely low required bandwidth (<1kbps)
Detection range	Up to 400m Human 600m for Vehicle or Boat	Environmental	Full outdoor functionality, IP67. FCC & CE compliant
Frequency	5.5 Ghz		
No moving parts	MTBF of 100,000 hrs	Target detection speed	0.3 – 30 m/sec
Azimuth coverage	120°	False alarm rate	<1 per day
Elevation coverage	30°	Power supply	9-32V, <2.5W
Range accuracy	0.4m resolution	System interface	Ethernet or RS-422 available
Azimuth accuracy	1°	Dimensions (D x W x H)	(58 x 249 x 147) mm
Scan rate	2 scans per second	Weight	1.5 kg

EPR-500 state-of-the-art Radar

Fully integrated into SharpView for comprehensive security management of multiple sites and systems

SharpView Manager Professional Security Management Software



Record multiple cameras into just one Pharos unit using ERC™ Technology

Remote monitoring over 3G or 4G and secure broadband

Evidence quality recordings and back ups

Set intrusion zones for early warning intelligent detection

View RADAR tracks on site plan

Snapshots instantly sent to alarm receiving centre



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