

SCAN-SECTOR

Specifically developed for environments where full 360° coverage is not required. The SCAN-SECTOR continually monitors along a narrow corridor up-to 200m long. SCAN-SECTOR can be mounted high to prevent damage in vulnerable locations.

scan



FEATURES

The Scan-Sector utilises the same advanced technology as the Scan-360 but offers a lower-cost solution in cases where 360° coverage isn't required. Ideal for protecting long corridors (e.g. between buildings) or for monitoring of a driveway or road.

- Low cost, simple and quick installation and configuration
- Alarms on intrusion
- Up to 200m range
- Can be high-mounted to avoid vandalism
- Sophisticated beam shape minimises any 'creep zone' underneath the unit
- All weather capability
- Compact design
- IP compatible solution with POE (Power Over Ethernet)
- Advanced DSP signal processing for best target detection and minimal false alarms
- 24GHz operating frequency for improved detection probability and immunity to jamming
- Configurable maximum detection range

www.scan-360.org.uk

SCAN-SECTOR



SPECIFICATIONS

Operation	Detect a vehicle or person, trigger alarm and report range to target, steer camera to target.
Detection range	Up to 200m
User interface	Web-browser based Graphical User Interface (GUI)
Set-up	Set maximum detection range and operating channel and align camera with the radar if required. A special coverage mode moves associated camera back and forth when a target is detected to allow visual indication of operation for the installer.
Configuration options	Options available include several for fine tuning performance, setting camera zoom and tilt, VMS config and map download for camera alignment and target location viewing.
Alignment	Adjustable bracket to easily orientate unit.
Install height	1 - 8m depending on install requirements
Interface	ONVIF, Ethernet 100Mbps, RJ45 port. Circular multi-pole header for alarm relay and radar sync interface.
Software	Upgradeable in service using website
Targetting data	Output to third party software and VMS, IP alarm function.
Processing	Digital Signal Processing (DSP) to minimise false-alarms.
Supplied kit	Mounting bracket, operating manual. Optional 10m cable for alarm relay and other physical interfaces.
Operating frequency band	24.05 - 24.25 GHz (license exempt ISM band)
Transmitted power	+20dBm (100mW) EIRP
Antenna beam width	Nominal 5° azimuth, shaped elevation 'fan-beam' to cover wide elevation range (minimal 'creep zone' underneath sensor)
Alarm relay	Volt-free contact (relay), max voltage 24V, max current 25mA. Active impedance nominal 45ohms, inactive impedance > 100kohms.
Temperature range	-20°C to +55°C
Power supply	Power-Over-Ethernet (POE), 802.3af compliant
Power consumption	Nominal 7W
Interface	Alarm relay, Ethernet (IP).
Routine maintenance	None required
Colour	Light grey standard, optional camouflage paint schemes.
Dimensions	220 x 210 x 60mm excluding brackets & sunshield
IP rating	IP65
Approvals	EN300440 RF, EN301489 EMC, IEC60950 Safety.
RF Hazard	None (<0.5mW/sq cm average at antenna)

Ogier Electronics reserve the right to alter this specification without notification



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Designed, developed and
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