

2018

GUARDIAN : AUTOGUARD

Wireless PIR Intruder Detection

Information Brochure



C-VIGIL Ltd : marine (CVM)

In
association
with



C-VIGIL Ltd : marine (CVM)
GUARDIAN : SYSTEMS





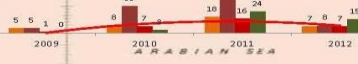
ANTI-PIRACY PLANNING CHART – RED SEA, GULF OF ADEN AND ARABIAN SEA



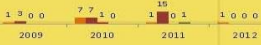
Piracy figures GOA / IRTC



Piracy figures Arabian Sea



Piracy figures S-Red Sea / BAM



Piracy figures Somali Basin



**Wireless operation
for ease of
deployment, no
trailing wires!**



Form an invisible perimeter around your vessel – detecting any un-wanted guest attempting to gain access.

Protect cargo operation areas from unauthorised access.

Detect intrusions into sensitive areas.

Coded transmissions mean more than one detector can be used in the same area – to extend coverage and detection range.

Light & portable receiver / base station.

- Cost efficient
- One switch operation
- Rapidly deployable from carry case
- Spontaneous identification of exact area of penetration.
- Ease and speed of operation are key features, instantly deployable in any situation or environment
- User friendly system requiring no technical knowledge, minimal training and maintenance.
- Product can be linked with existing security equipment to automatically activate such devices as security lighting, auto-dialers and CCTV...etc.

solo lone worker systems

sea-vu cctv systems

klarion acoustic area denial

autoguard intruder detection

thermoguard remote °C monitoring

elev8tor lift car indicator



**Long Range – 30m, Wide Angle -
15m Motion Detection Range
1Km Radio Range**

General

Autoguard intrusion detection system - comprises 8 wireless PIR motion detectors and a portable / bulkhead mountable receiver / base station.

Simple deployment, one switch operation makes this system one of the most flexible on the market.



Wireless PIR Detector Head

Strategically placed wireless PIR motion detectors will detect any unwanted guest trying to gain access to your vessel – especially in port from seaward

- Basic system includes 8 independent, wireless detector heads and monitoring unit.
- Detector range 30m straight line
- Detector Lithium battery life up to 5 years with regular use
- Shelf life of 18 years
- Mains operated monitoring unit with battery back-up (36 hours) giving visual LED alarm indication and selectable warning sounder
- Detectors are coded to one of eight alarm channels
- System coding allows multiple system's to operate in close proximity without interference, additional MU or extra detection heads
- Detectors can be used internally or externally - rated to IP66

Portable Receiver / Base Station Gives Greater Flexibility



Technical

Receiver / Base Station

- 36 hours battery back-up operation
- 8 zone alarm indication
- 8 detectors per zone can be expanded to 8 per zone
- Power Supplies: 220V AC, 110V AC or 24V DC
- Continuous or pulsed alarm output – with mute facility
- 8 way multi-output connector (optional)
- External antenna & coax
- Operates on 433MHz license free frequencies

Wireless - PIR Detector Head

- Sealed to IP67
- 10 years operational lifespan, before battery change
- Tripod and bungee cord mounts
- Transmits 2 coded signals on activation

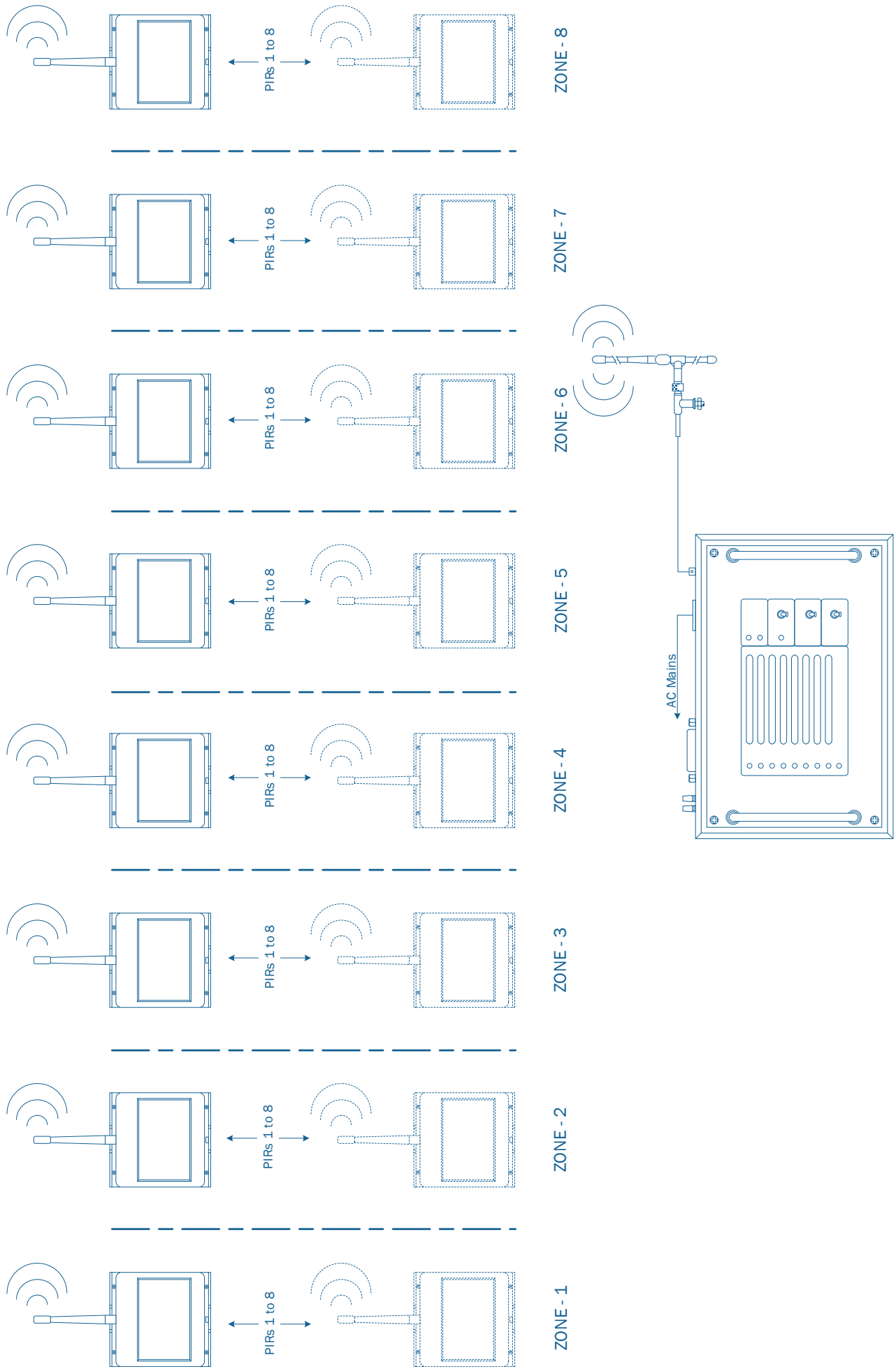
Coded Radio Transmissions For Secure Operation

- 1km line of sight operation – reduced in built-up area
- Removable front cover to deactivate PIR when not in use

Storage : Peli-case

- Hard sided attractive storage case for base station & PIRs

System Overview



solo
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Receiver / Base Station	
	<ul style="list-style-type: none"> • Portable or bulkhead mounted • Battery life - approx. 36 hours • 8 detection zones - up to 8 PIR heads per zone • Alarm on/off (constant or intermittent) • Individual alarm outputs or one common output • External antenna to increase range • Operates on 433MHz license free frequencies
Wireless PIR Detector Head	
	<ul style="list-style-type: none"> • 30m detection range • Radio link to base station - range of approx. 1Km • 10 year battery life • Coded radio transmissions • Operates on 433MHz license free frequencies • Rugged construction • Sealed to IP65
Transport / Storage Case	
	<ul style="list-style-type: none"> • Hard sided "Pelicase" • Rugged construction • Shaped foam interior
Detector Head Mounts	
	<ul style="list-style-type: none"> • Magnetic base mounts • Swivel heads for magnetic mounts • Tripods • Bungee cords
External Antenna	
	<ul style="list-style-type: none"> • Extends wireless connection range • 5m coax cable - can be extended if required • Can be fitted with magnetic base for rapid deployment



C-VIGIL^{LTD}
marine
GUARDIAN SYSTEMS



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