

## PRODUCT OVERVIEW

The Genesis wireless PIR versions use sophisticated signal processing and optic to minimise nuisance alarms.

The Genesis series comprise thermal sensors in order to provide automatic compensation in varying climate conditions. In addition, they incorporate anti-masking capabilities sensors as well as shock sensors for detecting physical attacks. 12v DC power is required.

### There are currently five popular lens patterns to choose from:

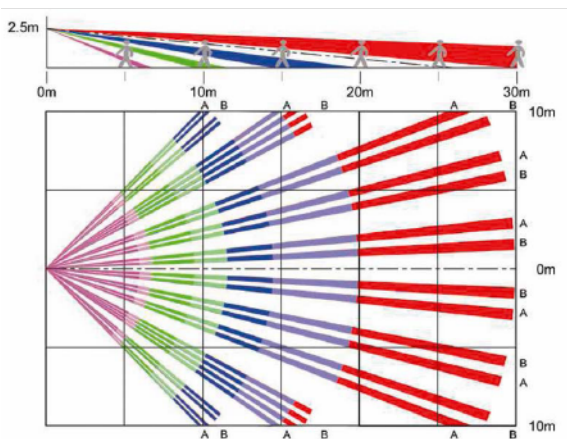
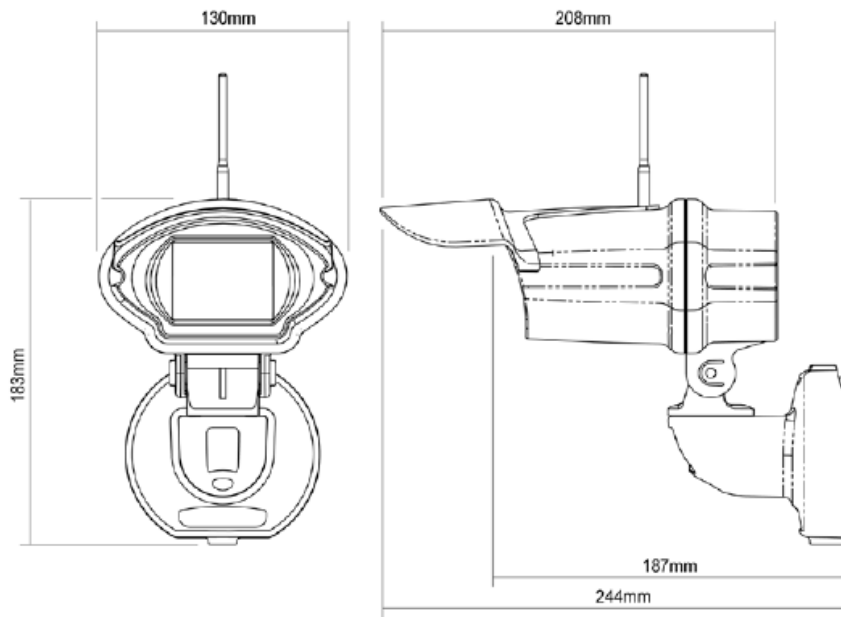
- Long Wide Range (LGWP3020)  
Provides coverage of 30 metres out by 20 metres across.
- Medium Wide Range (LGWP1520)  
Provides coverage of 15 metres out by 20 metres across.
- Long Narrow Range (LGWP4004)  
Provides coverage of 40 metres out by 4.5 metres across.  
This is ideal for perimeter coverage.
- The horizontal and vertical Curtain types (LGWP12HC) and (LGWP12VC) are just flat fan shaped patterns without the intermediate zones. These are used to look along fence lines or down the sides of a buildings. If the horizontal version is set to look straight ahead, animals will be able to wander underneath the detection zone without causing nuisance alarms.



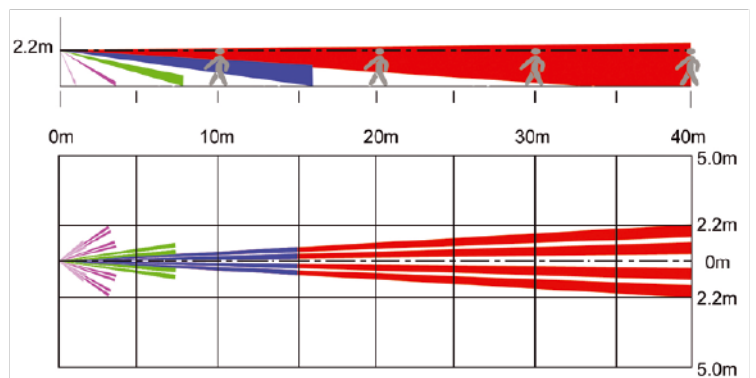
## Specifications

	LGWP3020	LGWP1520	LGWP4004	LGWP12HC	LGWP12VC
BS8418 compliant	✓	✓	✓	✓	✓
Detector lens	30mx20m	15mx20m	40mx4.5m	12m horizontal curtain	12m vertical curtain
Grade 2 EN50131-1	✓	✓	✓	✓	✓
Guarantee (2 years)	✓	✓	✓	✓	✓
Battery life (2 years)	✓	✓	✓	✓	✓
Mounting height (2.5 - 4.0m)	✓	✓	✓	✓	✓
Enclosure tamper	✓	✓	✓	✓	✓
Shock sensor	✓	✓	✓	✓	✓
Anti masking (Cloak) IR	✓	✓	✓	✓	✓
3 Axis orientation sensor	✓	✓	✓	✓	✓
Pyro sensors	Twin dual	Single Dual	Single Dual	Single Dual	Single Dual
Mirror optics	✓				
Temperature compensation	✓	✓	✓	✓	✓
Day light compensation	✓	✓	✓	✓	✓
Periodic polling	✓	✓	✓	✓	✓
Transmission range and type: 1Km Pan European UHF FM	✓	✓	✓	✓	✓
License exempt	✓	✓	✓	✓	✓
Enclosure: Weatherproof to IP66. 3mm polycarbonate	✓	✓	✓	✓	✓
Temperature range: -10°C to +60°C	✓	✓	✓	✓	✓

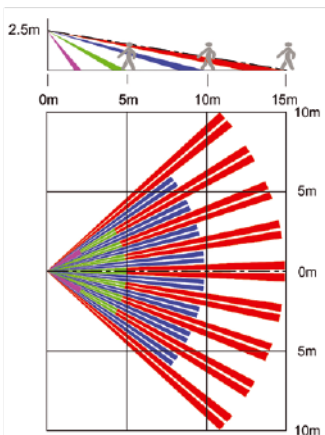
### Available Detection Patterns



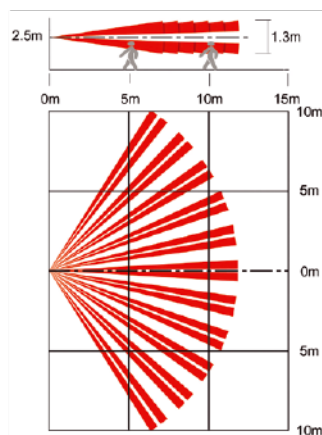
**LGWP3020 ZONE PATTERN**  
Long Wide Range



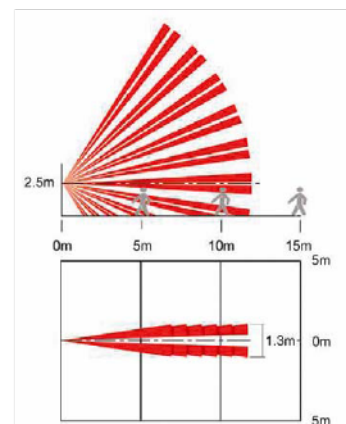
**LGWP4004 ZONE PATTERN**  
Long Narrow Range



**LGWP1520 ZONE PATTERN**  
Medium Wide Range



**LGWP12HC ZONE PATTERN**  
HORIZONTAL CURTAIN



**LGWP12VC ZONE PATTERN**  
VERTICAL CURTAIN