

WL8-PIR**Wireless Passive Infrared Detector**

The wireless passive infrared detector WL8-PIR detects movement in the protected area by monitoring changes in infrared radiation. An alarm is activated when the temperature difference within the detection zone exceeds the configured alarm threshold.

Adaptive signal processing algorithms ensure reliable motion detection and a high level of false alarm rejection.

WL8-PIR is compatible with ARGUS SPECTRUM control panels. Alarm signals are transmitted wirelessly to the control panel directly or through compatible translator and expander modules, triggering the alarm.

**Features and benefits**

- Adjustable sensitivity – low, normal or high
- Immune to pets under 20 kg
- Bi-directional wireless communication
- Detects motion up to 12 meters away
- Self-optimizing wireless frequency and amplitude algorithms
- 1 year product warranty

Technical specifications

Communication range with the translator or repeater (open space)	1200 m
Operating frequency	868 MHz
Modulation type	FSK
Operating frequency channels	6
Battery life:	
Primary battery (type CR123A)	4 – 5 years
Secondary battery (type CR2032)	6 – 12 months
Dimensions (Including adaptor wall base)	91 mm x 53 mm x 43 mm
Weight	200 g
IP rating	IP43
Operating temperature range	From –30 °C to +55 °C

Warranty

All devices are supplied with the benefit of a limited 5 years warranty (the warranty period does not apply to batteries). This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.