

**Ikar-PRO****wireless passive infrared detector**

The wireless passive infrared detector detects motion in the protected area and sending information to the control panel.

An alarm condition is determined when the temperature difference within the detection zone exceeds the alarm threshold. The well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.

Communication between the detector and the translator/repeater modules is wireless, via the Streletz bi-directional protocol.

**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
- 5 years 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)	8 years
Secondary battery (type CR2032)	6-12 months
Dimensions (Including adaptor wall base)	91x53x43 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.