

ARG-WL8-B1 wireless beam smoke detector

The wireless reflected type beam smoke detector samples the air in the protected area. When smoke level between the unit and the reflector reaches the threshold the alarm is activated. An alarm condition is determined when the level of smoke between the unit and the reflector exceeds the alarm threshold within the set time. 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
- Built-in laser pointer for visual control during the tuning process
- Bi-directional wireless communication
- 10 years of battery life
- Operation range – from 10 to 100 meters
- 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)	8-10 years
Secondary battery (type CR2032)	6-12 months
Dimensions (detector)	275 mm x 160 mm x 102 mm
Dimensions (reflector unit)	259 mm x 210 mm x 19 mm
Weight	1000 g
IP rating	IP65
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.