

WL8-B/IP65**Wireless Beam Smoke Detector**

The wireless beam smoke detector WL8-B/IP65 detects smoke in the protected area by monitoring the optical signal between the detector and reflector. An alarm is activated when the smoke level exceeds the configured alarm threshold within the set time.

Adaptive signal processing algorithms ensure reliable smoke detection under changing environmental conditions.

WL8-B/IP65 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
- 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 150 meters
- 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)	8 – 10 years
Secondary battery (type CR2032)	6 – 12 months
Dimensions (detector)	270 mm x 160 mm x 105 mm
Dimensions (reflector unit)	260 mm x 210 mm x 20 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.