

WL8-EXP**Wireless Expander Module**

The wireless expander module WL8-EXP extends the wireless communication range of the system by relaying radio communication to further expanders or directly to wireless field devices. This enables the creation of large wireless systems and the deployment of wireless devices in areas where connecting a translator is difficult or impractical.

WL8-EXP is compatible with ARGUS SPECTRUM control panels and communicates wirelessly with control panel directly or through compatible translator and expander modules, providing reliable communication over extended distances. All expanders are fully monitored by the system to ensure reliable operation.

**Features and benefits**

- Dynamic routing for all expanders and field devices
- Bi-directional wireless communication
- Compatible with up to 256 field devices
- Supports full device intelligence
- Proven wireless technology
- 1 year product warranty

Technical specifications

Power supply range	9 – 27 V _{DC}
Communication range with the translator or expander (open space)	2000 m
Communication range with the wireless field devices (open space)	1200 m
Operating frequency	868 MHz
Modulation type	FSK
Operating frequency channels	6
Dimensions	210 mm x 143 mm x 38 mm
Weight	400 g
IP rating	IP41
Max tolerated humidity (no condensing)	95% RH
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.