

WL8-PNL2
Wireless Control Panel

The wireless control panel is one of the core components of the Argus intelligent fire detection and alarm system. WL8-PNL2 is capable to control up to 127 wireless expander modules and up to 1920 fully intelligent wireless devices. Using well-proven wireless technology and an orthogonal antenna design ensures the highest levels of life safety and system reliability.

Embedded GSM modem provides bidirectional information exchange with the monitoring station via the IP channel: Ethernet, GPRS.



Built-in keypad and LCD display allows to operate system and to monitor its state.

Features and benefits

- Dynamic routing for all expanders and field devices
- Bi-directional wireless communication
- 1920 devices in one wireless system
- Supports full device intelligence
- Remote monitoring and control are available through the Internet
- 1 year product warranty

Technical specifications

Power supply range	10,5 – 28 V _{DC}
Maximum power consumption	140 / 80mA (12 / 24V _{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	255 mm x 145 mm x 40 mm
Weight	700 g
IP rating	IP41
Max tolerated humidity (no condensing)	93% RH
Operating temperature range	From -20 °C to +55 °C

Warranty

All devices are supplied with the benefit of a limited 5 years warranty. This warranty (the warranty period does not apply to battery) 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.