



6 CHANNEL WIRELESS CONTROLLER

Gas Detection For Life

AirLink 7543



Strobe and horn
optional items

Features

- **6 Channel controller accepts up to 6 wireless transmitters**
- **Radio options: 900 MHz or 2.4 GHz radio standard**
- **3 Programmable alarm set-points**
- **3 Dry-contact alarm relays**
- **Status indicator for fault conditions: Amber LED indicator for system faults**
- **Graphical LCD with LED backlight**
- **12 to 35 VDC operating voltage with an optional AC power supply**
- **Operating temperature range of -40°C to +70°C**
- **NEMA 4X standard fiberglass enclosure with clear lid**
- **Output options: RS-485 Modbus or optional WirelessHART®**
- **1-Year limited hardware warranty**

The RKI Instruments 7543 six channel gas monitor with 3 dry contact relays can monitor up to 6 individual Wireless gas detectors and transmitters. RS-485 Modbus output allows for data communication to a PLC or other system monitoring device. Available with an optional WirelessHART® module that allows the received sensor readings to be viewable on a WirelessHART® network.

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Product Specifications	
Product Type	Gas monitor
Operating Voltage	12V to 35V DC, 120V AC optional
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (optional)
Protection	Power electromagnetic interference (EMI) filter
Display Screen	128 x 64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface	3 Push buttons (Menu, ADD, and SUB) 3 magnetic non intrusive switches
Temperature Range	-40°C to +70°C
Wireless (Digital) Input	Up to 6 wireless sensor inputs
Output	RS-485 Modbus, optional WirelessHART® Module (disables RS-485 Modbus output)
Relays	3 Dry-contact relays with 4 amp replaceable fuses, wet contact fault terminal
Alarm Settings	3 Individually configurable alarm set-points per channel, (for gas alarms or fault) Latching and non latching relay settings per channel
Product Compatibility	All AirLink wireless gas detector head transmitters
Wireless Radio Options	900 MHz radio 2.4 GHz radio
Networks	52 Networks (900 MHz radio) 78 Networks (2.4 GHz radio) 255 Addresses per network
Enclosure Materials	NEMA-4X fiberglass enclosure with clear window
Optional Accessories	Horn and/or strobe (uses one relay). Power cord (AC version only)
Product Dimensions	8 in. L x 8 in. D x 4 in. H (Max. dimensions with attachments)
Total Weight	12.8 lbs
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA



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