



# 32 CHANNEL WIRELESS HYBRID CONTROLLER

Gas Detection For Life

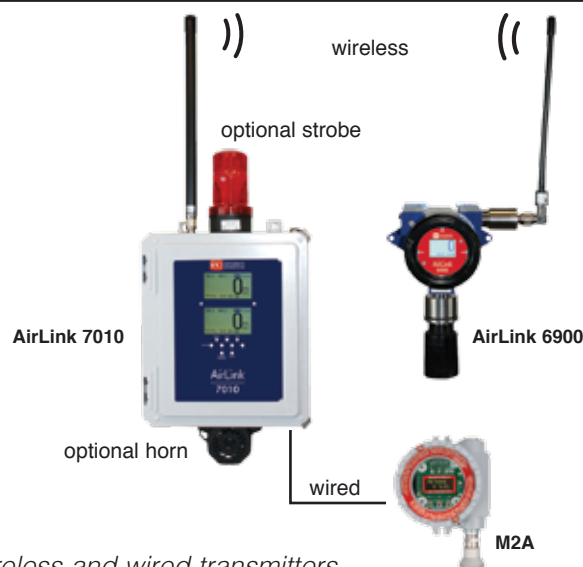
AirLink 7010



## Features

- 32 Channel hybrid controller - supports wireless transmitters and up to 4 wired transmitters
- Radio options: 900 MHz radio or 2.4 GHz Standard
- 12 to 35 VDC operating voltage with optional AC power supply
- Operating temperature range of -40°C to +70°C
- 5 Push-button interface (ADD, MENU, SUB, SCAN/HOLD and RESET/ESC)
- Two graphical LCD's with LED backlights
- Programmable alarms
  - 4 Individually configurable alarm set-points:
  - 4 front panel ALARM LED indicators (Red)
  - 4 dry-contact relays (4 amps maximum per relay)
- Status LEDs for power and fault: multi-color status light; Amber fault LED for indicating system faults
- Output options: Wet contact fault DC fault terminal, relay 4 can optionally be configured as a fault relay, RS-485 Modbus
- NEMA-4X standard fiberglass enclosure with clear window; optional stainless-steel enclosure with clear window

The RKI Instruments AirLink 7010 Controller is a wireless controller that supports up to 32 wireless sensor transmitter inputs. Four of the channels can be setup for 4-20 mA wired input, making this hybrid controller compatible with both wireless and wired sensors. Durable, flexible and customizable the AirLink 7010 controller has a 5 button interface, 2 LCD display with LED backlighting, and a NEMA-4X weather proof enclosure.



Accepts wireless and wired transmitters

Product Specifications	
Product Type	32 Channel gas monitor
Operating Voltage	12V to 35V DC or 120V AC
Current Draw	275 mA maximum at 24 VDC
Power Supply	3.13A (75W), 85/264V AC to 24V DC (optional)
Antenna Connection	External N-female radio frequency (RF) connector
Customizable Settings	Option to disable alarm relays
Protection	Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 surge suppression
Display Screen	2 graphical LCD screens with 128x64 resolution transfective (sunlight readable) with LED backlight
Interface	5 Push-buttons (MENU, ADD, SUB, SCAN/HOLD and RESET/ESC)
Temperature Range	-40°C to +70°C
Wireless (Digital), Wired (Analog) Input	Up to 32 Wireless sensor inputs, up to 4 can be 4-20 mA wired analog 4-20 mA inputs
Digital Output	RS-485 Modbus
Alarm Indications	Strobe light and horn mounted on case (optional)
Relays	<ul style="list-style-type: none"> <li>• 4 Dry-contact relays with 4 amp replaceable fuses</li> <li>• Individually set full scale, normally open or normally closed, latching or non-latching and fault terminal</li> </ul>
Product Compatibility	Wireless: AirLink 6900 Transmitter, AirLink T3A, AirLink VOC Pro, AirLink Alert, Wired (4-20mA): M2A, S2, T3A, VOC Pro, and Air Alert
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 (available in stainless steel)
Add On Hardware	Optional strobe and/or horn attached (uses one relay)
Product Dimensions	10 in. L x 8 in. D x 6 in. H (Max. dimensions with attachments)
Total Weight	8.20 lbs
Product Mounting	4 Mounting feet, 6 in. D x 12-1/4 in. T (included), Maximum mounting bolt/screw size of 5/16 in. (8mm) diameter
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA



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