



## Gas Detection For Life

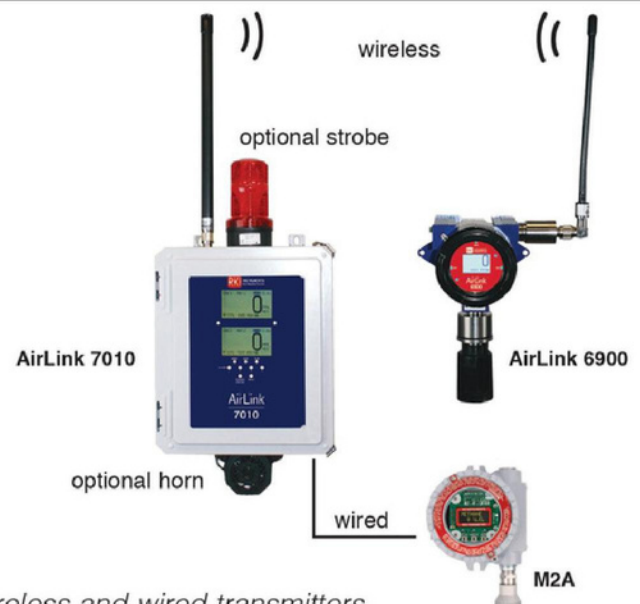
## AirLink 7010



### 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 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*



## AirLink 7010

### 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<br>4-20 mA surge suppression<br>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<br>2.4 GHz radio                                                                                                                                                                                           |
| Networks                                 | 52 Networks (900 MHz radio)<br>78 Networks (2.4 GHz radio)<br>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                                                                                                                                                                                                           |