32 CHANNEL WIRELESS HYBRID CONTROLLER

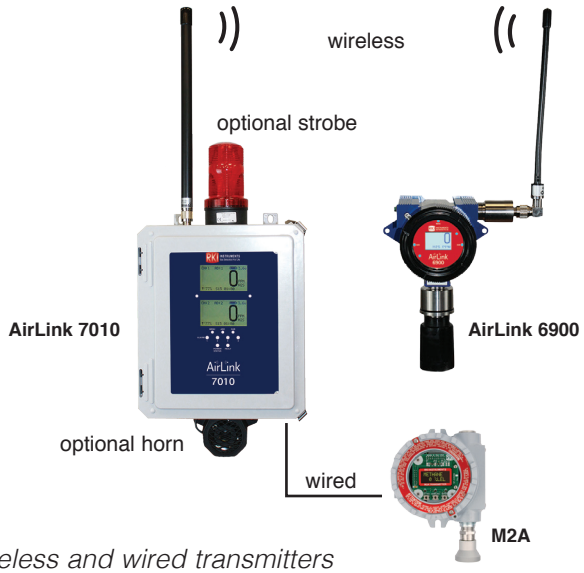
Gas Detection For Life

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 -40ºC to +70ºC**
- **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

RKI Instruments, Inc. • 36448 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

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 4-20 mA surge suppression RS-485 surge suppression
Display Screen	2 graphical LCD screens with 128x64 resolution transflective (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	• 4 Dry-contact relays with 4 amp replaceable fuses • Individually set full scale, normally open or normally closed, latching or non-latching and fault terminal
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

RKI INSTRUMENTS

Toll Free: (800) 754-5165 • Phone: (510) 441-5656
Fax: (510) 441-5650 • www.rkiinstruments.com

Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 7010 Hybrid Controller, 32 & 64 Channels

- Accepts up to 32 or 64 wireless transmitters input
- Hybrid input accepts up to 4 wired 4-20 transmitters in
- 4 programmable alarm relays out
- AC versions come with power cord and cable grip.

Shown with *optional* light & horn

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
74-7910-A-32	Airlink 7010 controller, 32 channels with 100-240 VAC, 900 MHz radio	3,200.00
74-7910-A-64	Airlink 7010 controller, 64 channels with 100-240 VAC, 900 MHz radio	3,200.00

2.4 GHz Radio (International use)

Part#	Description	Suggested Retail
74-7210-A-32	Airlink 7010 controller, 32 channels with 100-240 VAC, 2.4 GHz radio…	3,200.00
74-7210-A-64	Airlink 7010 controller, 64 channels with 100-240 VAC, 2.4 GHz radio…	3,200.00

Add-0ns for AirLink 7010

To add an alarm strobe or buzzer select from the part #'s below. Each item utilizes 1 relay.

Part#	Description	Suggested Retail
ZPY-7010-AMB	Strobe adder for AirLink 7010, amber	600.00
ZPY-7010-BLU	Strobe adder for AirLink 7010, blue	600.00
ZPY-7010-RED	Strobe adder for Airlink 7010, red	600.00
ZPY-7010-WHT	Strobe adder for Airlink 7010, clear	600.00
Z488-KIT	Audible alarm buzzer adder	120.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

Replacement Parts for AirLink 7010

Part#	Description	Suggested Retail
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00
ZAN-900-RIGID-S	Antenna, rigid dipole, 900 MHz, N-male, straight	260.00

WIRELESS TOUCHSCREEN CONTROLLER

Gas Detection For Life

AirLink 7032

Features

- **32 Channel hybrid touchscreen 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 -20°C to +50°C**
- **7 Inch full color touchscreen**
- **Adjustable background gas setting**
- **Programmable alarms**
  - *4 configurable alarm set-points:*
  - *Set points - 4 red alarms*
  - *Indicators; 4 dry-contact relays (4 amps max per relay)*
- **Status indicator for fault conditions, Amber indicator for system faults**
- **Output options: Wet contact fault DC fault terminal, relay 4 can optionally be configured as a fault relay, RS-485 Modbus**
- **2GB USB drive included for datalogging**
- **1 Year limited hardware warranty**
- **NEMA-4X standard fiberglass enclosure with clear window**

The RKI Instruments AirLink 7032 Controller is a hybrid touchscreen monitor that supports up to 32 wireless sensor inputs. Four channels can be setup for 4-20 mA wired input, making the controller compatible with both wireless and wired sensors. Durable, flexible and customizable, this controller can satisfy any wireless application.

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AirLink 7032

Product Specifications	
Product Type	32 Channel gas monitor
Operating Voltage	12V to 35V DC or 120V AC (optional)
Current Draw	300 mA (at 24V DC)
Power Supply	6.25A (150W), 85/264V AC to 24V DC (optional)
Customizable Settings	Option to disable alarm relays
Protection	Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 surge suppression
Display Screen	800 x 480 Resolution 7 inch resistive touchscreen
Interface	Touchscreen
Temperature Range	-20°C to +50°C
Wireless (Digital), Wired (Analog) Input	Up to 32 Wireless sensor inputs, up to 4 can be 4-20 mA wired analog inputs
Digital Output	RS-485 Modbus
Alarm Indications	Optional strobe and audible alarm installed on housing (uses 1 or 2 relays)
Relays	• 4 Dry-contact relays with 4 amp replaceable fuses • Individually set full scale, normally open or normally closed, latching or non-latching and fault terminal
Product Compatibility	Wireless: All AirLink gas detector head transmitters Wired (4-20mA): M2A, S2, T2A, 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
Add On Hardware	Optional strobe and/or horn attached (uses one relay)
Product Dimensions	12 in, L x 10 in. D x 6 in. H (Max. dimensions with attachments)
Total Weight	12.15 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

RKI INSTRUMENTS

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Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 7032 Hybrid Controller, 32 & 64 Channels with Touch Screen Display

- Accepts up to 32 wireless transmitters in
- Hybrid input accepts up to 4 wired 4-20 transmitters in
- Touchscreen color display
- 4 programmable alarm relays out
- Modbus out
- AC versions come with power cord and cable grip.
- Data logging included

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
74-7932-A-32	Airlink 7032 controller, 32 channels with 100-240 VAC, 4 relays, Modbus out, 900 MHz radio	4,790.00
74-7932-A-64	Airlink 7032 controller, 64 channels with 100-240 VAC, 4 relays, Modbus out, 900 MHz radio	5,280.00

2.4 GHz Radio (International use)

Part#	Description	Suggested Retail
74-7232-A-32	Airlink 7032 controller, 32 channels with 100-240 VAC power, 4 relays, Modbus out, 2.4 GHz radio	4,500.00
74-7232-A-64	Airlink 7032 controller, 64 channels with 100-240 VAC power, 4 relays, Modbus out, 2.4 GHz radio	5,280.00

Add-0ns for AirLink 7032

To add an alarm strobe or buzzer select from the part #'s below. Each item utilizes 1 relay.

Part#	Description	Suggested Retail
ZPY-AMB	Strobe adder, amber	600.00
ZPY-BLU	Strobe adder, blue	600.00
ZPY-RED	Strobe adder, red	600.00
ZPY-WHT	Strobe adder, clear	600.00
Z488-KIT	Audible alarm buzzer adder	120.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

Replacement Parts for AirLink 7010

Part#	Description	Suggested Retail
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00
ZAN-900-RIGID-S	Antenna, rigid dipole, 900 MHz, N-male, straight	260.00

255 CHANNEL WIRELESS RECEIVER / INTERFACE

Gas Detection For Life

AirLink 9850

Features

- 255 Channel wireless interface - all addresses on configured network
- Radio options: 900 MHz radio or 2.4 GHz Standard
- 12 to 35V DC operating voltage with optional AC power supply
- Graphical LCD with LED backlight
- Operating temperature range of -40°C to +70°C
- 4 Push button interface (ADD, MENU, SUB, and RESET/ESC)
- Individually configurable low and high alarm set points per channel
- 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; USB virtual COM port; RS-232 or RS-485 Modbus; Website for displaying readings, alarms, faults, and sensor information; Optional 4-20 mA out put of 8, 16, 24, 0r 32 channels
- NEMA 4X Fiberglass non explosion proof enclosure with clear lid
- 1 Year limited hardware warranty

The RKI Instruments 9850 Interface wireless receiver is capable of monitoring all 255 wireless addresses and converting the signals to a RS-232 or RS-485 Modbus output. Designed to be used in conjunction with an existing PLC, computer or SCADA system currently in place. Other digital outputs include Ethernet-to-Website and USB Virtual COM PORT. If analog output is required, an optional Analog Card is available and provides a 4-20mA output for up to 32 wireless sensors.

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AirLink 9850

Product Specifications	
Product Type	Wireless interface
Operating Voltage	12V to 35V DC or 120V AC
Current Draw	800 mA Maximum at 120V DC
Power Type	Wireless power
Power Supply	3.13A (75W), 85/264V AC to 24V DC (optional)
RF Connection	External N female radio frequency (RF) connector
Protection	Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 and RS-232 surge suppression
Display Screen	128 x 64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface	4 Push buttons (Menu, ADD, SUB, and RESET/ESC)
Temperature Range	-40°C to +70°C
Wireless (Digital) Input	Up to 255 Wireless (Digital) sensor inputs
Wireless (Analog) Output	RS-232 Modbus and RS-485 Modbus, ethernet to website, and virtual COM port over USB
Product Compatibility	Wireless: All AirLink gas detector head transmitters Wired (4-20mA): M2A, S2, T2A, 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
Wiring Hubs	Supplied with two 3/4” conduit hubs on bottom of housing. Can be located on sides or top if specified when ordering.
Accessories	Optional horn and/or strobe on housing (uses 1 or 2 of available relays)
Product Dimensions	10 in, L x 8 in. D x 6 in. H (Max. dimensions with attachments)
Total Weight	8.90 lbs
Product Mounting	4 Mounting feet, 6 in. W x 12-1/4 in. T (included) maximum mounting bolt/screw size of 5/16 in. (8mm) diameter
Product Add On Hardware	OI-4200 PCA, 8 Channel 4-20 mA output add on board capacity; 4 maximum per OI-9850
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

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Authorized Distributor:

AirLink 9850, 255 Channel Digital Interface

- 255 wireless channels in
- RS-232 or RS-485 Modbus out
- AC versions are supplied with loose power cord and 2 wiring hubs.

ORDERING INFORMATION:

- AirLink 9850 is supplied with 2 wiring hubs on the bottom of the housing. Hubs can be installed on top or sides IF specified at the time of ordering.
- To add 4-20 mA outputs, add the following amount to the list price based on the number of 4-20 mA outputs required:

0	no 4-20 mA	add $0.00 to the price and -0 to the end of the part #
8	each 4-20 mA	add $690 to the price and -8 to the end of the part #
16	each 4-20 mA	add $1,380 to the price and -16 to the end of the part #
24	each 4-20 mA	add $2,065 to the price and -24 to the end of the part #
32	each 4-20 mA	add $2,750 to the price and -32 to the end of the part #

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
74-9850-9-A	AirLink 9850 Interface, 255 wireless channels with 100-240 VAC power and 900 MHz radio, RS-232/RS-485 Modbus output	2,750.00

2.4 GHz Radio (International use)

Part#	Description	Suggested Retail
74-9850-2-A	AirLink 9850 Interface, 255 wireless channels with 100-240 VAC power and 234 GHz radio, RS-232/RS-485 Modbus output	2,750.00

Add-Ons for AirLink 9850

Part#	Description	Suggested Retail
18-0051RK-01	Cable grip with reducer for AC power cord	28.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

EXPLOSION PROOF WIRELESS SIGNAL REPEATER

Gas Detection For Life

AirLink 9900

Features

- 255 Channel wireless interface - all addresses on configured network
- Radio options: 900 MHz radio or 2.4 GHz Standard
- 12 to 35V DC operating voltage
- Graphical LCD with LED backlight
- Operating temperature range of -40°C to +60°C
- 3 Push button interface (ADD, MENU, SUB)
- Individually configurable low and high alarm set points per channel
- Explosion proof aluminum enclosure with Class I, Div 1, groups B, C, & D certifications
- 1 Year limited hardware warranty

The RKI Instruments AirLink 9900 wireless repeater is a device that receives transmissions from a wireless sensor or switcher and repeats the transmission to its corresponding monitor or controller within the wireless network. Enables greater distances and reliable communication between the gas detector and the gas monitor.

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AirLink 9900

Product Specifications	
Product Type	Signal repeater/extender
Operating Voltage	12V to 35V DC
Power Type	Wire powered
Current Draw	150 mA Maximum at 24V DC
Protection	Power electromagnetic interference (EMI) filter
RF Connection	2 External N female radio frequency (RF) connector
Display Screen	102 x 64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface	3 Magnetic push buttons (Menu, ADD, and SUB)
Temperature Range	-40°C to +60°C
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	Aluminum enclosure
Product Dimensions	5.42 in, L x 6.03 in. D x 12.16 in. H (Max. dimensions with attachments)
Total Weight	7.5 lbs
Hazardous Location Certifications and Approvals	Certified explosion / flame proof $_{C}$QPS$_{US}$ Class I, Div 1, Groups B, C, D Temp. -40°C to +60°C
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA

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Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 9100 Portable Signal Strength Meter (Handheld Portable)

- Measure signal strength of wireless transmitters or repeaters
- Displays radio address, gas reading, RF signal strength, sensor type, battery voltage

Part#	Description	Suggested Retail
74-9100-9	AirLink 9100 Signal strength meter, 900 MHz radio, Li-Ion batteries	1,470.00
74-9100-2	AirLink 9100 Signal strength meter, 2.4 GHz radio, Li-Ion batteries	1,470.00

Replacement Parts for AirLink 9100

Part#	Description	Suggested Retail
Z401-12V1A	AC power supply, 12 VDC/1A ouptut, 120 VAC input, 2.1 x 5.5 mm barrel plug, for AirLink 9100	200.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Explosion Proof

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
66-9900-9	AirLink 9900 signal repeater, 900 MHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' antenna extension cable, and one lightening ground cable	3,755.00
66-9900-2	AirLink 9900 signal repeater, 2.4 GHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' extension cable, and one lightening ground cable	3,755.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Non Explosion Proof

Part#	Description	Suggested Retail
66-9900-9N-A	AirLink 9900 signal repeater, 900 MHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00
66-9900-2N-A	AirLink 9900 signal repeater, 2.4 GHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00

AirLink 5900 4-20 mA Analog to Wireless Converter

Part#	Description	Suggested Retail
66-5900-9	AirLink 5900 4-20mA to wireless converter, 900 MHz radio, 12-35 VDC wire powered	2,020.00
66-5900-2	AirLink 5900 4-20mA to wireless converter, 2.4 GHz radio, 12-35 VDC wire powered	2,020.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 5950 Switch-State Transmitter

Part#	Description	Suggested Retail
66-5950-9	AirLink dual switch-state, explosion proof, 900 MHz radio, battery powered	1,500.00
66-5950-2	AirLink dual switch-state, explosion proof, 2.4 GHz radio, battery powered	1,500.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

WIRELESS SIGNAL STRENGTH METER

Gas Detection For Life

AirLink 9100

Features

- Portable signal-strength meter
- Displays radio signal strength and gas readings
- Communicates with all wireless sensors on network
- Rechargeable Lithium-Ion battery - 16 Hours of runtime per charge
- Operating temperature range of 0°C to +50°C
- 4x20 Character LCD Display
- Push-Button knob Interface - rotate knob to scroll sensors; press to show additional information
- Radio options: 900 MHz or 2.4 GHz
- Alarm LED - press and hold knob to disable alarm mode
- Aluminum enclosure
- 1-Year warranty

Industry Applications

- Petrochemical plants, refineries
- Water & wastewater treatment plants
- Pulp & paper mills
- Manufacturing facilities
- Chemical plants
- Construction
- Temporary or permanent applications

The RKI Instruments Wireless 9100 Series Handheld Signal-Strength Meter is engineered to show the status of any Wireless Gas Detector, Transmitter or Repeater that is within range. Featuring a four-line scrollable display, the 9100 will show the radio address, gas level reading, RF signal strength, time since last message, sensor type, gas type and the remaining battery voltage, if applicable, of each detector within range.

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AirLink 9100

Product Specifications	
Product Type	Signal-strength meter, and portable gas detector status indicator
Operating Voltage	(3.7V) Lithium Ion rechargeable batteries
Power Type	Battery powered
Battery Life	Up to 16 hours continuous use battery life per charge
Display Screen	4x20 Character LCD screen
Interface	3 Push-button knob
Customizable Setting Alarm Indicator	Option to disable red alarm LED
Temperature Range	0°C to +50°C
Wireless (Digital) Input	Up to 255 gas detectors
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 Material	Aluminum device enclosure
Product Dimensions	4.875 in. L x 4 in. D x 1.188 in. H (Max. dimensions with attachments)
Total Weight	1.15 lbs.
Warranty	1 Year limited

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

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Fax: (510) 441-5650 • www.rkiinstruments.com

Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 9100 Portable Signal Strength Meter (Handheld Portable)

- Measure signal strength of wireless transmitters or repeaters
- Displays radio address, gas reading, RF signal strength, sensor type, battery voltage

Part#	Description	Suggested Retail
74-9100-9	AirLink 9100 Signal strength meter, 900 MHz radio, Li-Ion batteries	1,470.00
74-9100-2	AirLink 9100 Signal strength meter, 2.4 GHz radio, Li-Ion batteries	1,470.00

Replacement Parts for AirLink 9100

Part#	Description	Suggested Retail
Z401-12V1A	AC power supply, 12 VDC/1A ouptut, 120 VAC input, 2.1 x 5.5 mm barrel plug, for AirLink 9100	200.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Explosion Proof

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
66-9900-9	AirLink 9900 signal repeater, 900 MHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' antenna extension cable, and one lightening ground cable	3,755.00
66-9900-2	AirLink 9900 signal repeater, 2.4 GHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' extension cable, and one lightening ground cable	3,755.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Non Explosion Proof

Part#	Description	Suggested Retail
66-9900-9N-A	AirLink 9900 signal repeater, 900 MHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00
66-9900-2N-A	AirLink 9900 signal repeater, 2.4 GHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00

AirLink 5900 4-20 mA Analog to Wireless Converter

Part#	Description	Suggested Retail
66-5900-9	AirLink 5900 4-20mA to wireless converter, 900 MHz radio, 12-35 VDC wire powered	2,020.00
66-5900-2	AirLink 5900 4-20mA to wireless converter, 2.4 GHz radio, 12-35 VDC wire powered	2,020.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 5950 Switch-State Transmitter

Part#	Description	Suggested Retail
66-5950-9	AirLink dual switch-state, explosion proof, 900 MHz radio, battery powered	1,500.00
66-5950-2	AirLink dual switch-state, explosion proof, 2.4 GHz radio, battery powered	1,500.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

32 CHANNEL WIRELESS RELAYS

Gas Detection For Life

AirLink 7530

Photo shown with optional strobe and horn

Features

- **32 Channel wireless relays: Contains 3 relays that can be activated by up to 32 remote wireless sensors**
- **Radio options: 900 MHz radio or 2.4 GHz Standard**
- **12 to 35 VDC operating voltage with optional AC power supply**
- **Graphical LCD with LED backlight**
- **Operating temperature range of -40°C to +70°C**
- **Push button interface (ADD, MENU, SUB) with 3 corresponding magnetic, non intrusive switches**
- **Programmable alarms**
  - *3 configurable alarm set-points:*
  - *Set points - 3 red alarms*
  - *Indicators- 3 dry-contact relays (4 amps max per relay)*
- **Output options: Wet contact fault DC fault terminal, relay 3 can optionally be configured as a fault relay**
- **NEMA 4X Fiberglass non explosion proof enclosure with clear lid**
- **Optional strobe and horn attached**
- **1 Year limited hardware warranty**

The AirLink 7530 Relayer is a 32-Channel Gas Alarm System with 3 Relays that can monitor up to 32 Wireless gas detectors simultaneously. Three relays can be configured to activate up to the full scale reading reported and set to be either latching or non-latching. Housed in a NEMA 4X non-explosion proof enclosure allows for quick, easy installation while maintaining a high level of ruggedness for safety.

RKI Instruments, Inc. • 36448 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

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www.rkiinstruments.com

AirLink 7530

Product Specifications	
Product Type	32 Channel gas monitor
Operating Voltage	12V to 35V DC or 120V AC (optional)
Power Type	Wireless power
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (optional)
RF Connection	External N female radio frequency (RF) connector
Customizable Settings	3 Individually configurable alarm setpoints per channel Option to disable alarm relays Latching and non latching relay settings
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)
Temperature Range	-40°C to +70°C
Wireless (Digital) Input	Up to 32 Wireless (Digital) sensor inputs
Relays	• 3 Dry-contact relays with 4 amp replaceable fuses fault terminal
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
Add On Hardware	Optional strobe and/or horn attached (uses one relay)
Product Dimensions	9 in, L x 9 in. D x 5 in. H (Max. dimensions with attachments)
Total Weight	6.8 lbs
Hardware Warranty	1-Year limited
Wiring Hub	Supplied with one 3/4” conduit hub on bottom of housing.

Specifications subject to change without notice.

Made in the USA

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Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 9100 Portable Signal Strength Meter (Handheld Portable)

- Measure signal strength of wireless transmitters or repeaters
- Displays radio address, gas reading, RF signal strength, sensor type, battery voltage

Part#	Description	Suggested Retail
74-9100-9	AirLink 9100 Signal strength meter, 900 MHz radio, Li-Ion batteries	1,470.00
74-9100-2	AirLink 9100 Signal strength meter, 2.4 GHz radio, Li-Ion batteries	1,470.00

Replacement Parts for AirLink 9100

Part#	Description	Suggested Retail
Z401-12V1A	AC power supply, 12 VDC/1A ouptut, 120 VAC input, 2.1 x 5.5 mm barrel plug, for AirLink 9100	200.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Explosion Proof

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
66-9900-9	AirLink 9900 signal repeater, 900 MHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' antenna extension cable, and one lightening ground cable	3,755.00
66-9900-2	AirLink 9900 signal repeater, 2.4 GHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' extension cable, and one lightening ground cable	3,755.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Non Explosion Proof

Part#	Description	Suggested Retail
66-9900-9N-A	AirLink 9900 signal repeater, 900 MHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00
66-9900-2N-A	AirLink 9900 signal repeater, 2.4 GHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00

AirLink 5900 4-20 mA Analog to Wireless Converter

Part#	Description	Suggested Retail
66-5900-9	AirLink 5900 4-20mA to wireless converter, 900 MHz radio, 12-35 VDC wire powered	2,020.00
66-5900-2	AirLink 5900 4-20mA to wireless converter, 2.4 GHz radio, 12-35 VDC wire powered	2,020.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

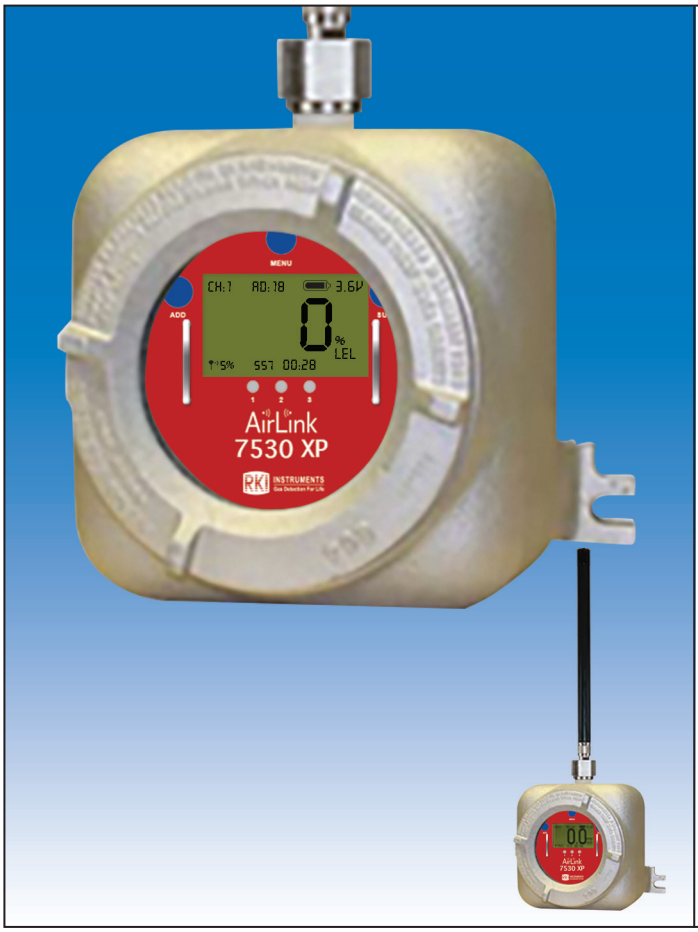
AirLink 5950 Switch-State Transmitter

Part#	Description	Suggested Retail
66-5950-9	AirLink dual switch-state, explosion proof, 900 MHz radio, battery powered	1,500.00
66-5950-2	AirLink dual switch-state, explosion proof, 2.4 GHz radio, battery powered	1,500.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

32 CHANNEL EXPLOSION PROOF WIRELESS RELAYS

Gas Detection For Life

AirLink 7530 XP



Features

- **32 Channel wireless relays: Contains 3 relays that can be activated by up to 32 remote wireless sensors**
- **Radio options: 900 MHz radio or 2.4 GHz Standard**
- **12 to 35 VDC operating voltage with optional AC power supply**
- **Graphical LCD with LED backlight**
- **Operating temperature range of -40°C to +70°C**
- **Push button interface (ADD, MENU, SUB) with 3 corresponding magnetic, non intrusive switches**
- **Programmable alarms**
  - *3 Individually configurable alarm set-points:*
  - *Set points - 3 red alarms*
  - *3 LED red indicaters*
- **Output options: Wet contact fault DC fault terminal, relay 3 can optionally be configured as a fault relay**
- **Optional strobe and horn attached**
- **Aluminum explosion proof enclosure with Class I, Div. 1, Groups B, C & D certifications**
- **1 Year limited hardware warranty**

The AirLink 7530 XP Relayer is a 32-Channel Gas Alarm System with 3 Relays that can monitor up to 32 Wireless gas detectors simultaneously. Magnetic switches allow for non-intrusive system setting and diagnostics. Three relays can be configured to activate up to the full scale reading, and set to be either latching or non-latching. Housed in an explosion-proof enclosure for the safe and close-proximity installation of gas readings, alarm relays, and maintenance controls within hazardous locations.

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AirLink 7530 XP

Product Specifications	
Product Type	32 Channel gas monitor
Operating Voltage	12V to 35V DC or 120V AC (optional)
Power Type	Dual 3.6V / 19 Ah batteries
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (optional)
RF Connection	External N female radio frequency (RF) connector
Customizable Settings	3 Individually configurable alarm setpoints per channel Option to disable alarm relays Latching and non latching relay settings
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)
Temperature Range	-40°C to +70°C
Relays	3 Dry-contact common relays with 4 amp replaceable fuses fault terminal
Wireless (Digital) Input	Up to 32 Wireless (Digital) sensor inputs
Product Compatibility	All AirLink wireless 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	Aluminum
Wiring Hub	Supplied with one 3/4” conduit hub on bottom of housing.
Product Dimensions	8 in, L x 8 in. D x 4 in. H (Max. dimensions with attachments)
Total Weight	12.8 lbs
Hazardous Location Certifications and Approvals	Class I, Groups B, C & D Class II, Groups E, F & G
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA

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Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 9100 Portable Signal Strength Meter (Handheld Portable)

- Measure signal strength of wireless transmitters or repeaters
- Displays radio address, gas reading, RF signal strength, sensor type, battery voltage

Part#	Description	Suggested Retail
74-9100-9	AirLink 9100 Signal strength meter, 900 MHz radio, Li-Ion batteries	1,470.00
74-9100-2	AirLink 9100 Signal strength meter, 2.4 GHz radio, Li-Ion batteries	1,470.00

Replacement Parts for AirLink 9100

Part#	Description	Suggested Retail
Z401-12V1A	AC power supply, 12 VDC/1A ouptut, 120 VAC input, 2.1 x 5.5 mm barrel plug, for AirLink 9100	200.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Explosion Proof

900 MHz Radio (Standard for North American use)

Part#	Description	Suggested Retail
66-9900-9	AirLink 9900 signal repeater, 900 MHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' antenna extension cable, and one lightening ground cable	3,755.00
66-9900-2	AirLink 9900 signal repeater, 2.4 GHz radio, 12-35 VDC power, with one flexible antenna, one right-angle antenna, 10' extension cable, and one lightening ground cable	3,755.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 9900 Signal Repeater, Non Explosion Proof

Part#	Description	Suggested Retail
66-9900-9N-A	AirLink 9900 signal repeater, 900 MHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00
66-9900-2N-A	AirLink 9900 signal repeater, 2.4 GHz radio with one flexible and one right angle antenna, 100-240 VAC power with power cord and cable grip, non-explosion proof	2,090.00

AirLink 5900 4-20 mA Analog to Wireless Converter

Part#	Description	Suggested Retail
66-5900-9	AirLink 5900 4-20mA to wireless converter, 900 MHz radio, 12-35 VDC wire powered	2,020.00
66-5900-2	AirLink 5900 4-20mA to wireless converter, 2.4 GHz radio, 12-35 VDC wire powered	2,020.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink 5950 Switch-State Transmitter

Part#	Description	Suggested Retail
66-5950-9	AirLink dual switch-state, explosion proof, 900 MHz radio, battery powered	1,500.00
66-5950-2	AirLink dual switch-state, explosion proof, 2.4 GHz radio, battery powered	1,500.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

WIRELESS EXPLOSION PROOF TRANSMITTER

Gas Detection For Life

AirLink 6900

Features

- **Electrochemical, PID, or IR sensors available**
- **Wireless communication**
  - *900 MHz radio and 52 networks*
  - *2.4 GHz radio and 78 networks*
- **Dual battery powered**
- **Battery life**
  - *2-year maximum - electrochemical sensors*
  - *1-year maximum low-power infrared sensors*
- **Graphical LCD with LED backlight, readable in sunlight**
- **3 Push-button interface (ADD, MENU, SUB) with corresponding magnetic, non-intrusive switches**
- **Explosion/flame-proof certification for select gases**
- **1-Year warranty**
- **Optional remote-mount sensor kit with enclosure**

Industry Applications

- **Petrochemical plants, refineries**
- **Water & wastewater treatment plants**
- **Pulp & paper mills**
- **Manufacturing facilities**
- **Chemical plants**
- **Construction**
- **Temporary or permanent applications**

The RKI AirLink 6900 is a versatile truly wire free transmitter using electrochemical, PID or low-power infrared sensor elements to detect a variety of gases. Wireless, dual battery power (3.6 V Lithium-Thionyl Chloride battery) with 900 MHZ or 2.4 GHz radio options. Magnetic switches allow for non-intrusive calibration as well as full system settings and diagnostics, while in the field.

Gas Type	Range	T_{90}	Hazard Classification
AsH3	0 - 1 ppm	< 30 sec.	Class 1, Div 2
CL2	0 - 10 ppm	< 60 sec.	Class 1, Div 2
CLO2	0 - 1 ppm	< 120 sec.	Class 1, Div 2
CO	0 - 300 ppm	< 30 sec.	Class 1, Div 1
CO2-IR	0 - 1.5% Vol.	< 30 sec.	Class 1, Div 1
ETO	0 - 10 ppm	< 80 sec.	Class 1, Div 2
F2	0 - 1 ppm	< 80 sec.	Class 1, Div 2
H2S	0 - 100 ppm	< 30 sec.	Class 1, Div 2
H2S2K	0 - 2000 ppm	< 25 sec.	Class 1, Div 2
HCL	0 - 30 ppm	< 300 sec.	Class 1, Div 2
HCN	0 - 30 ppm	< 70 sec.	Class 1, Div 2
HF	0 - 10 ppm	< 90 sec.	Class 1, Div 2
LEL CH4-IR	0 - 100% LEL CH4 (0 - 5% Vol.)	< 30 sec.	Class 1, Div 1
LEL HC-IR	0 - 100% LEL	< 30 sec.	Class 1, Div 1
NH3	0 - 100 ppm	< 90 sec.	Class 1, Div 2
NH3300	0 - 300 ppm	< 120 sec.	Class 1, Div 2
NH3A	0 - 1000 ppm	< 120 sec.	Class 1, Div 2

Gas Type	Range	T_{90}	Hazard Classification
NO	0 - 250 ppm	< 40 sec.	Class 1, Div 2
NO2	0 - 20 ppm	< 25 sec.	Class 1, Div 2
O2	0 - 25% Vol.	< 15 sec.	Class 1, Div 1
O3	0 - 5 ppm	< 60 sec.	Class 1, Div 2
PH3	0 - 5 ppm	< 30 sec.	Class 1, Div 2
SO2	0 - 20 ppm	< 35 sec.	Class 1, Div 2
PID - VOC 10.6eV	0 - 10.00 / 20.00 / 50.00 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 10.6eV	0 - 100.00 / 200.00 / 500.00 / 1000 / 2000 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 10.0 eV	0 - 10.00 / 20.00 / 50.00 / 100 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 11.7 eV	0 - 20.00 / 50.00 / 100 ppm	< 3 sec.	Class 1, Div 1

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AirLink 6900

Product Specifications		
Sensor Type		Electrochemical, PID or low-power infrared sensor
Operating Voltage		3.6V (19 Ah each, 38 Ah total) Lithium-Thionyl (Li-SOCl2) battery, with connector (non-rechargeable)
Power Type		Dual battery powered
Battery Life		1 Year Max. (low power infrared), 2 year Max. (electrochemical), 14+ days (PID)
RF Connection		External N-female radio frequency (RF) connector
Display Screen		102x64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface		3 Push-buttons (MENU, ADD and SUB) 3 Magnetic non-intrusive switches for calibration (MENU, ADD and SUB)
Customizable Settings		Adjustable background gas setting
Temperature Range		-40°C to +54°C
Wireless Radio Options		900 MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks		52 Networks (900 MHz radio) or 78 networks (2.4 GHz radio) 255 addresses per network
Remote Sensor Kit (Optional Feature)		Remote sensor kit available with enclosure (7 pin), available in lengths of up to 250 feet for (PID) and electrochemical and lengths of up to 40 feet for low power IR
Product Dimensions		5.42 in. L x 6.03 in. D x 17.03 in. H (Max. dimensions with attachments)
Total Weight		6 lbs.
Hazardous Location Approvals	Main Enclosure	Certified explosion / flame proof $_{C}$QPS$_{US}$ Class I, Division 1 & 2, Groups B, C & D Nema 3, 4, 4X, 7 (B, C, D) 9 (E, F, G) Temp.= -20°C to +60°C
	Sensor Housing	Certified explosion / flame proof $_{C}$QPS$_{US}$ Class I, Division 1 & 2, Groups B, C & D Temp.= -40°C to +60°C Note: Certification only applies to some gases. Toxic gases not certified for Div. 1 locations are suitable for Div. 2 applications but have no third party approval.
Controllers		Compatible with AirLink 7010 and AirLink 7032
Warranty		1-Year warranty for electronics and sensor (Two months for PID with 11.7 eV lamp)
Battery Warranty		90 days from ship date

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

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Authorized Distributor:

AirLink 6900 Wireless Transmitter, Dual Battery Powered, Explosion Proof

- Explosion Proof, Class I, Division 1 for CO, H2S, O2, LEL, & CO2
- Class I, Division 2 for all other gases
- Transmitters ship with magnetic wand as standard
- Rain guard ships standard for CO, H2S, O2, LEL & CO2 transmitters

Ordering Information
66-69[Sensor Designator]-[Range suffix]-[Radio Frequency=W (900)/Y(2.4)]

Part#	Description	Suggested Retail
66-6906-10-W	Airlink 6900, Ammonia (NH3) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6906-1K-W	Airlink 6900, Ammonia (NH3) 0-1000 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6968-01-W	Airlink 6900, Arsine (AH3) 0-1 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6967-05-W	Airlink 6900, Carbon Dioxide (CO2) 0-5% vol, LPIR, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6901-1K-W	Airlink 6900, Carbon Monoxide (CO) 0-1000 ppm, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6912-10-W	Airlink 6900, Chlorine (Cl2) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6913-01-W	Airlink 6900, Chlorine Dioxide (ClO2) 0-1 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6960-10-W	Airlink 6900, Combustibles (CH4) 0-100% LEL, LPIR, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6962-99-W	Airlink 6900, Combustibles (CH4) 0-100% vol, LPIR, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6963-10-W	Airlink 6900, Combustibles (HC) 0-100% LEL, LPIR, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6916-10-W	Airlink 6900, Ethylene Oxide (ETO) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6911-10-W	Airlink 6900, Formaldehyde (HCHO) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6939-40-W	Airlink 6900, Hydrogen (H2), 0-100% LEL (0-4% vol), EC, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6904-20-W	Airlink 6900, Hydrogen Chloride (HCl) 0-20 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6904-99-W	Airlink 6900, Hydrogen Chloride (HCl) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6905-50-W	Airlink 6900, Hydrogen Cyanide (HCN) 0-50 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6914-10-W	Airlink 6900, Hydrogen Fluoride (HF) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6903-01-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6903-02-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-25 ppm, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6903-05-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-50 ppm, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6903-10-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6903-50-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-500 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6903-2K-W	Airlink 6900, Hydrogen Sulfide (H2S) 0-2000 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6907-25-W	Airlink 6900, Nitric Oxide (NO) 0-250 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6908-20-W	Airlink 6900, Nitrogen Dioxide (NO2) 0-20 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6902-25-W	Airlink 6900, Oxygen (O2) 0-25% vol, dual battery, wireless transmitter, 900 MHz radio	3,860.00
66-6909-05-W	Airlink 6900, Ozone (O3) 0-5 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6909-99-W	Airlink 6900, Ozone (O3) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	4,495.00
66-6915-05-W	Airlink 6900, Phosphine (PH3) 0-5 ppm, dual battery, wireless transmitter, 900 MHz radio	4,670.00
66-6910-20-W	Airlink 6900, Sulfur Dioxide (SO2) 0-20 ppm, dual battery, wireless transmitter, 900 MHz radio	4,040.00
66-6992-01-W	Airlink 6900, VOC (10.6 eV PID) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6992-02-W	Airlink 6900, VOC (10.6 eV PID) 0-20 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6992-50-W	Airlink 6900, VOC (10.6 eV PID) 0-50 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6993-10-W	Airlink 6900, VOC (10.6 eV PID) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	4,910.00
66-6993-20-W	Airlink 6900, VOC (10.6 eV PID) 0-200 ppm, dual battery, wireless transmitter, 900 MHz radio	4,910.00
66-6993-50-W	Airlink 6900, VOC (10.6 eV PID) 0-500 ppm, dual battery, wireless transmitter, 900 MHz radio	4,910.00
66-6993-1K-W	Airlink 6900, VOC (10.6 eV PID) 0-1000 ppm, dual battery, wireless transmitter, 900 MHz radio	4,910.00
66-6993-2K-W	Airlink 6900, VOC (10.6 eV PID) 0-2000 ppm, dual battery, wireless transmitter, 900 MHz radio	4,910.00
66-6995-01-W	Airlink 6900, VOC (10.0 eV PID) 0-10 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6995-02-W	Airlink 6900, VOC (10.0 eV PID) 0-20 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6995-05-W	Airlink 6900, VOC (10.0 eV PID) 0-50 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6995-10-W	Airlink 6900, VOC (10.0 eV PID) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	5,090.00
66-6994-10-W	Airlink 6900, VOC (11.7 eV PID) 0-100 ppm, dual battery, wireless transmitter, 900 MHz radio	5,700.00

Replacement Parts and Accessories for AirLink 6900

Part#	Description	Suggested Retail
47-5110-7-XX	Cable with 7-pin connector to remote mount sensor (battery powered) for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
49-1416-01	Battery, Lithium-thionyl, non-rechargeable, 3.6 VDC 19 AH with connector for AirLink 6900 and AirLink Alert, (2 required)	38.00
61-2003	Remote sensor mounting kit, explosion proof with 7-pin connector for T2A/AirLink 6900/ AirLink 6940XP (order cable separate)	450.00
81-1183	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing for T2A/T3A/VOC Pro/AirLink 6900 type detectors	175.00
81-1184	Rain guard for T2A/T3A/VOC Pro type explosion proof detector	20.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
82-0120-02	Magnets (2 each) adder hardware for T3A/VOC Pro type j-box	26.00
Z2000-CAP-ASSY	Sensor housing cap with flame arrestor and O-ring, for T3A/VOC Pro/6900/6940XP Airlink products and T2A/T3A	210.00
Z2000-CAPFILTER	Teflon filter, single, for T2A, AirLink T3A, AirLink T3A, AirLink VOC Pro, AirLink 6900, and AirLink 6940XP	18.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00
ZAN-900-FLEX-R	Antenna, flexible dipole, 900 MHz, N-male, right-angle	190.00

WIRELESS EXPLOSION PROOF TRANSMITTER

Gas Detection For Life

AirLink T3A

Features

- **Electrochemical, Infrared, catalytic bead sensors**
- **Wired power (3-Wire), 12 to 35 VDC operating voltage**
- **Output options:**
  - *— Wireless 900 MHz or 2.4 GHz*
  - *— 4-20mA (3-wire) analog*
  - *— RS-485 modbus*
- **Operating temperature range -40°C to +54°C**
- **Graphical LCD with LED backlight**
- **3 Push-button interface (ADD, MENU, SUB) with 3 corresponding magnetic, non-intrusive switches**
- **2 Individually configurable alarms**
- **2 Front panel LED indicators (amber and red)**
- **2 Optional fully programmable alarm relays (dry contacts)**

Industry Applications

- **Petrochemical plants, Refineries**
- **Water & wastewater treatment plants**
- **Pulp & paper mills**
- **Manufacturing facilities**
- **Chemical plants**

The AirLink T3A Series Gas Detector ambient air hazardous gas detector is a versatile assembly that uses an electrochemical, infrared, catalytic bead sensor element to detect a variety of gases. Wired power (12 to 35 VDC) with wireless communication controller. An RKI wireless T3A also has 4-20 mA analog and RS-485 Modbus outputs as standard. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

Gas Type	Range	T_{90}	Hazard Classification
LEL Catalytic	0 - 100% LEL	< 90 sec.	Class 1, Div 1
CL2	0 - 10 ppm	< 60 sec.	Class 1, Div 2
CLO2	0 - 1 ppm	< 120 sec.	Class 1, Div 2
CO	0 - 300 ppm	< 30 sec.	Class 1, Div 1
CO2	0 - 5% vol.	< 30 sec.	Class 1, Div 1
H2S	0 - 100 ppm	< 30 sec.	Class 1, Div 1
H2S 2K	0 - 2000 ppm	< 25 sec.	Class 1, Div 1
HCL	0 - 30 ppm	< 300 sec.	Class 1, Div 2
HCN	0 - 30 ppm	< 70 sec.	Class 1, Div 2
HF	0 - 10 ppm	< 90 sec.	Class 1, Div 2
LEL-IR-CH4	0 - 100% LEL (0-5% Vol.) CH4	< 30 sec.	Class 1, Div 1
LEL-IR-HC	0 - 100 % LEL	< 30 sec.	Class 1, Div 1
NH3	0 - 100 ppm	< 90 sec.	Class 1, Div 2
NH3 300	0 - 300 ppm	< 120 sec.	Class 1, Div 2
NH3 A	0 - 1000 ppm	< 120 sec.	Class 1, Div 2
NO2	0 - 20 ppm	< 25 sec.	Class 1, Div 2
O2	0 - 25 Vol.	< 15 sec.	Class 1, Div 1
PH3	0 - 5 ppm	< 30 sec.	Class 1, Div 2
SO2	0 - 20 ppm	< 35 sec.	Class 1, Div 2

RKI Instruments, Inc. • 33248 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

AirLink T3A

Product Specifications		
Sensor Type		Electrochemical, infrared, catalytic bead
Operating Voltage		Wired power (3-Wire) 12 to 35 VDC
Power Draw		2 Watts maximum
Protection		Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 surge suppression
Display Screen		102x64 Resolution graphical LCD screen transflective (sunlight readable) with white LED backlight
Interface		3 Push-buttons (MENU, ADD and SUB) 3 Magnetic non-intrusive switches for calibration
Customizable Settings		2 Individual-configurable alarm LED/relay set-points
Temperature Range		-40°C to +54°C (-40°F to +130°F)
Wireless Output, Radio Options		900 MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks		52 Networks (900 MHz radio) or 78 networks (2.4 GHz radio) 255 addresses per network
Output (digital)		RS-485 modbus
Wired (Analog) Output		4-20 mA (3-Wire) Fault terminal Optional 2 dry-contact relays with replaceable 4 amp fuses
Remote Sensor Kit (Optional Additional Feature)		Remote sensor kit with enclosure (5 pin) • Electrochemical sensor max. length: 250 feet • Infrared sensor max. length: 40 feet • Catalytic bead sensor max. length: 15 feet
Product Dimensions		5.5 in, L x 6 in. D x 7 in. H (8 in. W x 17 in. H Max. dimensions with attachments)
Total Weight		6 lbs.
Hazardous Location Approvals	Main Enclosure	Certified explosion / flame proof $_{C}QPS_{US}$ Class I, Division 1 & 2, Groups B, C & D Nema 3, 4, 4X, 7 (B, C, D) 9 (E, F, G) Temp.= -20°C to +60°C
	Sensor Housing	Certified explosion / flame proof $_{C}QPS_{US}$ Class I, Division 1 & 2, Groups B, C & D Temp.= -40°C to +60°C Note: Certification only applies to some gases. Toxic gases not certified for Div. 1 locations are suitable for Div. 2 applications but have no third party approval.
Controllers, Wireless		Compatible with AirLink 7010 and AirLink 7032
Controllers, Analog		Compatible with all RKI Beacon controllers, as well as most DCS / PLC systems: Beacon 110, Beacon 200, Beacon 410A and Beacon 800, and MC-6400
Warranty		1-Year warranty for electronics and sensor

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

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Fax: (510) 441-5650 • www.rkiinstruments.com

Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink T3A Wireless Transmitter, Wire Powered, Explosion Proof, No Relays

- Explosion Proof, Class I, Division 1 for CO, H2S, O2, LEL, & CO2
- Class I, Division 2 for all other gases
- 12-35 VDC wire powered
- Add -R and $240 to add 2 relays

Part#	Description	Suggested Retail
66-6306-10-W	AirLink T3A sensor/transmitter with j-box, Ammonia (NH3), 0-100 ppm with 900 MHz radio	3,930.00
66-6306-20-W	AirLink T3A sensor/transmitter with j-box, Ammonia (NH3), 0-200 ppm with 900 MHz radio	3,930.00
66-6306-30-W	AirLink T3A sensor/transmitter with j-box, Ammonia (NH3), 0-300 ppm with 900 MHz radio	3,930.00
66-6306-50-W	AirLink T3A sensor/transmitter with j-box, Ammonia (NH3), 0-500 ppm with 900 MHz radio	3,930.00
66-6306-1K-W	AirLink T3A sensor/transmitter with j-box, Ammonia (NH3), 0-1000 ppm with 900 MHz radio	3,930.00
66-6368-01-W	AirLink T3A sensor/transmitter with j-box, Arsine (AsH3), 0-1 ppm with 900 MHz radio	4,400.00
66-6354-05-W	AirLink T3A sensor/transmitter with j-box, Carbon Dioxide (CO2), IR, 0-5000 ppm with 900 MHz radio	4,400.00
66-6350-05-W	AirLink T3A sensor/transmitter with j-box, Carbon Dioxide (CO2) IR, 0-5% vol with 900 MHz radio	4,400.00
66-6301-05-W	AirLink T3A sensor/transmitter with j-box, Carbon Monoxide (CO), 0-500 ppm with 900 MHz radio	3,760.00
66-6301-1K-W	AirLink T3A sensor/transmitter with j-box, Carbon Monoxide (CO), 0-1,000 ppm with 900 MHz radio	3,760.00
66-6312-10-W	AirLink T3A sensor/transmitter with j-box, Chlorine (Cl2), 0-10 ppm with 900 MHz radio	3,930.00
66-6313-01-W	AirLink T3A sensor/transmitter with j-box, Chlorine Dioxide (ClO2), 0-1 ppm with 900 MHz radio	3,930.00
66-6313-05-W	AirLink T3A sensor/transmitter with j-box, Chlorine Dioxide (ClO2), 0-5 ppm with 900 MHz radio	3,930.00
66-6316-10-W	AirLink T3A sensor/transmitter with j-box, Ethylene Oxide (ETO), 0-10 ppm with 900 MHz radio	4,400.00
66-6311-10-W	AirLink T3A sensor/transmitter with j-box, Formaldehyde (HCHO), 0-10 ppm with 900 MHz radio	4,400.00
66-6340-10-W	AirLink T3A sensor/transmitter with j-box, Hydrocarbon (CH4) 0-100%LEL, catalytic with 900 MHz radio	3,760.00
66-6351-10-W	AirLink T3A sensor/transmitter with j-box, Hydrocarbon (CH4) 0-100% LEL, IR with 900 MHz radio	4,400.00
66-6352-99-W	AirLink T3A sensor/transmitter with j-box, Hydrocarbon (CH4) 0-100% vol, IR with 900 MHz radio	4,400.00
66-6353-10-W	AirLink T3A sensor/transmitter with j-box, Hydrocarbon (HC) 0-100% LEL, IR with 900 MHz radio	4,400.00
66-6339-40-W	AirLink T3A sensor/transmitter with j-box, Hydrogen (H2) 0-100% LEL (0-4% vol), EC with 900 MHz radio	4,400.00
66-6304-20-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Chloride (HCl), 0-20 ppm with 900 MHz radio	4,400.00
66-6304-30-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Chloride (HCl), 0-30 ppm with 900 MHz radio	4,400.00
66-6304-99-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Chloride (HCl), 0-100 ppm with 900 MHz radio	4,400.00
66-6305-15-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Cyanide (HCN), 0-15 ppm with 900 MHz radio	3,930.00
66-6305-50-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Cyanide (HCN), 0-50 ppm with 900 MHz radio	3,930.00
66-6314-10-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Fluoride (HF), 0-10 ppm with 900 MHz radio	4,400.00
66-6303-01-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-10 ppm with 900 MHz radio	3,760.00
66-6303-02-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-25 ppm with 900 MHz radio	3,760.00
66-6303-05-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-50 ppm with 900 MHz radio	3,760.00
66-6303-10-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-100 ppm with 900 MHz radio	3,760.00
66-6303-50-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-500 ppm with 900 MHz radio	3,930.00
66-6303-2K-W	AirLink T3A sensor/transmitter with j-box, Hydrogen Sulfide (H2S), 0-2000 ppm with 900 MHz radio	3,930.00
66-6307-25-W	AirLink T3A sensor/transmitter with j-box, Nitric Oxide (NO), 0-250 ppm with 900 MHz radio	3,930.00
66-6308-20-W	AirLink T3A sensor/transmitter with j-box, Nitrogen Dioxide (NO2), 0-20 ppm with 900 MHz radio	3,930.00
66-6302-25-W	AirLink T3A sensor/transmitter with j-box, Oxygen (O2), 0-25% with 900 MHz radio	3,760.00
66-6309-05-W	AirLink T3A sensor/transmitter with j-box, Ozone (O3), 0-5 ppm with 900 MHz radio	4,400.00
66-6309-99-W	AirLink T3A sensor/transmitter with j-box, Ozone (O3), 0-100 ppm with 900 MHz radio	4,400.00
66-6315-05-W	AirLink T3A sensor/transmitter with j-box, Phosphine (PH3), 0-5 ppm with 900 MHz radio	4,575.00
66-6310-20-W	AirLink T3A sensor/transmitter with j-box, Sulfur Dioxide (SO2), 0-20 ppm with 900 MHz radio	3,930.00

Replacement Parts and Accessories for AirLink T3A

Part#	Description	Suggested Retail
47-5110-5-XX	Cable with 5-pin connector to remote mount sensor for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
61-2001	Remote sensor mounting kit, explosion proof with 5-pin connector for T3A/AirLink T3A/VOC Pro/AirLink VOC Pro (order cable separate)	450.00

Replacement Parts and Accessories for AirLink T3A (continued)

Part#	Description	Suggested Retail
81-1183	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing for T2A/T3A/VOC Pro/AirLink 6900 type detectors	175.00
81-1184	Rain guard for T2A/T3A/VOC Pro type explosion proof detector	20.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
82-0120-02	Magnets (2 each) adder hardware for T3A/VOC Pro type j-box	26.00
Z2000-CAP-ASSY	Sensor housing cap with flame arrestor and O-ring, for T3A/VOC Pro/6900/6940XP Airlink products and T2A/T3A	210.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink VOC Pro PID Wireless Transmitter, Wire Powered, Explosion Proof, No Relays

- Class I, Division 1 for all PID versions
- 12-35 VDC wire powered
- Add -R and $240 to add 2 relays

Part#	Description	Suggested Retail
66-6192-01-W	AirLink VOC Pro (10.6 eV PID) 0-10.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6192-02-W	AirLink VOC Pro (10.6 eV PID) 0-20.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6192-05-W	AirLink VOC Pro (10.6 eV PID) 0-50.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6193-10-W	AirLink VOC Pro (10.6 eV PID) 0-100 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-20-W	AirLink VOC Pro (10.6 eV PID) 0-200 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-50-W	AirLink VOC Pro (10.6 eV PID) 0-500 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-1K-W	AirLink VOC Pro (10.6 eV PID) 0-1000 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-2K-W	AirLink VOC Pro (10.6 eV PID) 0-2000 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6195-01-W	AirLink VOC Pro (10.0 eV PID) 0-10.00 ppm sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-02-W	AirLink VOC Pro, (10.0 eV PID) 0-20.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-05-W	AirLink VOC Pro, (10.0 eV PID) 0-50.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-10-W	AirLink VOC Pro, (10.0 eV PID) 0-100.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6194-10-W	AirLink VOC Pro (11.7 ev PID) 0-100 ppm sensor/transmitter with j-box with 900 MHz radio	5,790.00

Replacement Parts and Accessories for AirLink VOC Pro

Part#	Description	Suggested Retail
47-5110-5-XX	Cable with 5-pin connector to remote mount sensor for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
61-0302	Sensor, Volatile Organic Compounds (VOC) 0-50 ppm, 10.6 eV PID, low ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-0303	Sensor, Volatile Organic Compounds (VOC) 0-2000 ppm, 10.6 eV PID, high ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,000.00
61-0304	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm, 11.7 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,700.00
61-0305	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm/0-50 ppm for Benzene, 10.0 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-2001	Remote sensor mounting kit, explosion proof with 5-pin connector for T3A/AirLink T3A/VOC Pro/AirLink VOC Pro (order cable separate)	450.00

WIRELESS EXPLOSION PROOF TRANSMITTER

Gas Detection For Life

AirLink VOC Pro

Features

- **PID sensor options**
  —10.0 eV lamp / 11.7 eV / 10.6 eV ppb / 10.6 eV ppm
- **Wired power (3-Wire), 12 to 35 VDC operating voltage**
- **Output options:**
  — Wireless 900 MHz, or 2.4 GHz
  — 4-20mA (3-wire) analog
  — RS-485 modbus (4 wire)
- **Operating temperature range -40°C to +54°C**
- **Graphical LCD with LED backlight**
- **3 Push-button interface (ADD, MENU, SUB) with corresponding magnetic, non-intrusive switches**
- **2 Individually configurable alarms**
- **2 Front panel LED indicators (amber and red)**
- **2 Optional fully programmable alarm relays (dry contacts)**
- **1-Year warranty (see specifications)**

Industry Applications

- **Petrochemical plants, Refineries**
- **Water & wastewater treatment plants**
- **Pulp & paper mills**
- **Manufacturing facilities**
- **Chemical plants**

The AirLink VOC Pro Series Gas Detector is a versatile assembly that uses a PID sensor to detect a variety of gases. It is wire powered (12 to 35 VDC) with wireless communication to an RKI wireless controller and also has a 4-20 mA analog and RS-485 Modbus outputs are standard. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

Ranges	Suffix	PID Lamps			
		10.0 eV	11.7 eV	10.6 eV low ppm	10.6 eV ppm
Part # Base		66-6195-XX-W	66-6194-XX-W	66-6192-XX-W	66-6193-XX-W
0 - 10.00ppm	-01	▪	▪	▪	
0 - 20.00 ppm	-02	▪	▪	▪	
0 - 50.00 ppm	-05	▪	▪	▪	
0 - 100 ppm	-10	▪	▪		▪
0 - 200 ppm	-02				▪
0 - 500 ppm	-05				▪
0 - 1000 ppm	-10				▪
0 - 2000 ppm	-20				▪

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AirLink VOC Pro

Product Specifications		
Sensor Type		PID
Operating Voltage		Wire powered (3-Wire) 12 to 35 VDC
Power Draw		2 Watts maximum
Protection		Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 surge suppression
Display Screen		102 x 64 Resolution graphical LCD screen transflective (sunlight readable) with white LED backlight
Interface		3 Push-buttons (MENU, ADD and SUB) 3 Magnetic non-intrusive switches for calibration
Customizable Settings		2 Individual-configurable alarm LED / and optional relay set-points
Temperature Range		-40°C to +54°C (-40°F to +130°F)
Wireless Output, Radio Options		900 MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks		52 Networks (900 MHz radio) or 78 networks (2.4 GHz radio) 255 addresses per network
Output (digital)		RS-485 modbus
Wired (Analog) Output		4-20 mA (3-Wire) Fault terminal Optional 2 dry-contact relays with replaceable 4 amp fuses
Remote Sensor Kit (Optional Additional Feature)		Remote sensor kit with enclosure (5 pin) • PID sensor max. length: 35 feet
Product Dimensions		5.5 in, L x 6 in. W x 7 in. H (8 in. W x 17 in. H Max. dimensions with attachments)
Total Weight		6 lbs.
Hazardous Location Approvals	Main Enclosure	Certified explosion / flame proof $_{C}$QPS$_{US}$ Class I, Division 1 & 2, Groups B, C & D, Nema 3, 4, 4X, 7 (B, C, D) 9 (E, F, G) Temp.= -20°C to +60°C
	Sensor Housing	Certified explosion / flame proof $_{C}$QPS$_{US}$ Class I, Division 1 & 2, Groups B, C & D Temp.= -40°C to +60°C
Controllers, Analog		Compatible with all RKI Beacon controllers, as well as most DCS / PLC systems: Beacon 110, Beacon 200, Beacon 410A and Beacon 800
Controllers, Wireless		Compatible with AirLink 7010 and AirLink 7032
Warranty		1-Year warranty for electronics, and PID sensor (Two months for 11.7 eV lamp)

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

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Fax: (510) 441-5650 • www.rkiinstruments.com

Authorized Distributor:

Replacement Parts and Accessories for AirLink T3A (continued)

Part#	Description	Suggested Retail
81-1183	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing for T2A/T3A/VOC Pro/AirLink 6900 type detectors	175.00
81-1184	Rain guard for T2A/T3A/VOC Pro type explosion proof detector	20.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
82-0120-02	Magnets (2 each) adder hardware for T3A/VOC Pro type j-box	26.00
Z2000-CAP-ASSY	Sensor housing cap with flame arrestor and O-ring, for T3A/VOC Pro/6900/6940XP Airlink products and T2A/T3A	210.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink VOC Pro PID Wireless Transmitter, Wire Powered, Explosion Proof, No Relays

- Class I, Division 1 for all PID versions
- 12-35 VDC wire powered
- Add -R and $240 to add 2 relays

Part#	Description	Suggested Retail
66-6192-01-W	AirLink VOC Pro (10.6 eV PID) 0-10.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6192-02-W	AirLink VOC Pro (10.6 eV PID) 0-20.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6192-05-W	AirLink VOC Pro (10.6 eV PID) 0-50.00 ppm, low range sensor/transmitter with j-box and 900 MHz radio	5,150.00
66-6193-10-W	AirLink VOC Pro (10.6 eV PID) 0-100 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-20-W	AirLink VOC Pro (10.6 eV PID) 0-200 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-50-W	AirLink VOC Pro (10.6 eV PID) 0-500 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-1K-W	AirLink VOC Pro (10.6 eV PID) 0-1000 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6193-2K-W	AirLink VOC Pro (10.6 eV PID) 0-2000 ppm, high range sensor/transmitter with j-box and 900 MHz radio	4,980.00
66-6195-01-W	AirLink VOC Pro (10.0 eV PID) 0-10.00 ppm sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-02-W	AirLink VOC Pro, (10.0 eV PID) 0-20.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-05-W	AirLink VOC Pro, (10.0 eV PID) 0-50.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6195-10-W	AirLink VOC Pro, (10.0 eV PID) 0-100.00 ppm, sensor/transmitter with j-box with 900 MHz radio	5,150.00
66-6194-10-W	AirLink VOC Pro (11.7 ev PID) 0-100 ppm sensor/transmitter with j-box with 900 MHz radio	5,790.00

Replacement Parts and Accessories for AirLink VOC Pro

Part#	Description	Suggested Retail
47-5110-5-XX	Cable with 5-pin connector to remote mount sensor for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
61-0302	Sensor, Volatile Organic Compounds (VOC) 0-50 ppm, 10.6 eV PID, low ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-0303	Sensor, Volatile Organic Compounds (VOC) 0-2000 ppm, 10.6 eV PID, high ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,000.00
61-0304	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm, 11.7 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,700.00
61-0305	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm/0-50 ppm for Benzene, 10.0 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-2001	Remote sensor mounting kit, explosion proof with 5-pin connector for T3A/AirLink T3A/VOC Pro/AirLink VOC Pro (order cable separate)	450.00

Replacement Parts and Accessories for AirLink VOC Pro (continued)

Part#	Description	Suggested Retail
81-1183	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing for T2A/T3A/VOC Pro/AirLink 6900 type detectors	175.00
81-1184	Rain guard for T2A/T3A/VOC Pro type explosion proof detector	20.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
82-0120-02	Magnets (2 each) adder hardware for T3A/VOC Pro type j-box	26.00
82-0300RK	PID lamp cleaning kit with removal tool for 10.0 & 10.6 eV lamps only	52.00
Z2000-CAP-ASSY	Sensor housing cap with flame arrestor and O-ring, for T3A/VOC Pro/6900/6940XP Airlink products and T2A/T3A	210.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

AirLink VOC Pro Series PID Replacement Lamps and Electrode Stacks

PID Sensor	eV	Replacement Lamp	Electrode Stack
61-0302	10.6	51-1503	33-0560-01
61-0303	10.6		33-0562
61-0305	10.0		33-0563
61-0304	11.7	51-1504	33-0560-01

Part#	Description	Suggested Retail
33-0560-01	Electrode Stack for 10.6 (50 ppm sensor) & 11.7 eV lamps used in EAGLE 2, GX-6000, or VOC Pro (1 electrode)	110.00
33-0562	Electrode Stack for 10.6 eV lamp, 0-2,000/6,000 ppm for EAGLE 2, GX-6000, or VOC Pro, (1 electrode)	64.00
33-0563	Electrode Stack for 10.0 eV lamp, 0-100 ppm (50 ppm benzene) for GX-6000 or VOC Pro (1 electrode)	140.00
51-1503	Replacement lamp only, 0-50/-2000/-6000/ HPPM long life type for any 10.6 eV or 10.0 eV PID.	220.00
51-1504	Replacement lamp, 0-1000 ppm for PID-004, 11.7 eV lamp in GX-6000 or VOC Pro	550.00

Electrode Stack

Replacement Lamp

PID sensor

WIRELESS BATTERY POWERED EXPLOSION PROOF

Gas Detection For Life

AirLink 6940 -XP Sensor Assembly

Features

- **Electrochemical, PID, or low power IR sensors**
- **Wireless communication**
  - *900 MHz radio and 52 networks*
  - *2.4 GHz radio and 78 networks*
- **Battery powered: 3.6 V/76 Ah battery pack (non-rechargeable)**
- **Battery life**
  - *6-months maximum*
  - *2-weeks plus for PID*
- **Graphical LCD with LED backlight**
- **3 Push-button interface (ADD, MENU, SUB) with 4 corresponding magnetic, non-intrusive switches**
- **Sensor warranty subject to factory verification**
- **1-Year limited hardware warranty**

Industry Applications

- **Petrochemical plants, Refineries**
- **Water & wastewater treatment plants**
- **Pulp & paper mills**
- **Manufacturing facilities**
- **Chemical plants**

The RKI AirLink 6940 series ambient air multi-gas detector is a versatile assembly that uses up to four electrochemical, PID or low-power infrared sensor elements to detect a variety of gases. Wireless, battery power (3.6 V/76 Ah) with 900 MHZ or 2.4 GHz radio options. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics. Mounting is made easy and mobile using the optional wheeled stand.

Gas Type	Range	T_{90}	Hazard Classification
AsH3	0 - 1 ppm	< 30 sec.	Class 1, Div 2
CL2	0 - 10 ppm	< 60 sec.	Class 1, Div 2
CLO2	0 - 1 ppm	< 120 sec.	Class 1, Div 2
CO	0 - 300 ppm	< 30 sec.	Class 1, Div 1
CO2-IR	0 - 1.5% Vol.	< 30 sec.	Class 1, Div 1
ETO	0 - 10 ppm	< 80 sec.	Class 1, Div 2
F2	0 - 1 ppm	< 80 sec.	Class 1, Div 2
H2	0 - 4% Vol.	< 60 sec.	Class 1, Div 1
H2S	0 - 100 ppm	< 30 sec.	Class 1, Div 2
H2S2K	0 - 2000 ppm	< 25 sec.	Class 1, Div 2
HCL	0 - 30 ppm	< 300 sec.	Class 1, Div 2
HCN	0 - 30 ppm	< 70 sec.	Class 1, Div 2
HF	0 - 10 ppm	< 90 sec.	Class 1, Div 2
LEL-IR	0 - 100% LEL (0 - 5% Vol.)	< 30 sec.	Class 1, Div 1
LEL HC-IR	0 - 100% LEL	< 30 sec.	Class 1, Div 1
NH3	0 - 100 ppm	< 90 sec.	Class 1, Div 2
NH3 300	0 - 300 ppm	< 120 sec.	Class 1, Div 2
NH3A	0 - 1000 ppm	< 120 sec.	Class 1, Div 2

Gas Type	Range	T_{90}	Hazard Classification
NO	0 - 100 ppm	< 40 sec.	Class 1, Div 2
NO2	0 - 20 ppm	< 25 sec.	Class 1, Div 2
O2	0 - 25% Vol.	< 15 sec.	Class 1, Div 1
O3	0 - 5 ppm	< 60 sec.	Class 1, Div 2
PH3	0 - 5 ppm	< 30 sec.	Class 1, Div 2
SO2	0 - 20 ppm	< 35 sec.	Class 1, Div 2
PID VOC	0 - 10.00 / 20.00 / 50.00 ppm	< 3 sec.	Class 1, Div 1
PID VOC	0 - 100.00 / 200.00 / 500.00 / 1000 / 2000 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 10.0 eV	0 - 10.00 / 20.00 / 50.00 / 100 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 11.7 eV	0 - 20.00 / 50.00 / 100 ppm	< 3 sec.	Class 1, Div 1

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AirLink 6940-XP Sensor Assembly

Product Specifications		
Sensor Type		Electrochemical, PID or low-power infrared sensor
Power Type		Battery powered 3.6V (76 Ah) battery pack (non-rechargeable)
Battery Life		6 Months maximum battery life (2 weeks if PID is used)
RF Connection		External N-female radio frequency (RF) connector
Display Screen		160x104 Resolution graphical LCD screen Transflective (sunlight readable) with LED backlight
Interface		4 Push-buttons (MENU, BACK, ADD and SUB) 4 Magnetic non-intrusive switches for calibration (MENU, BACK, ADD and SUB)
Customizable Settings		Adjustable background gas setting settable per sensor element
Temperature Range		-40°C to +60°C
Wireless Radio Options		900 MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks		52 Networks (900 MHz radio) or 78 networks (II 2.4 GHz radio) 255 addresses per network
Product Dimensions		7 in. D x 11 in. W x 24 in. H (Max. dimensions with attachments)
Total Weight		25 lbs.
Hazardous Location Approvals	Main Enclosure	Certified explosion / flame proof $_{C}QPS_{US}$ Class I, Division 1 & 2, Groups B, C & D Nema 3, 4, 4X, 7 (B, C, D) 9 (E, F, G) Temp.= -20°C to +60°C
	Sensor Housing	Certified explosion / flame proof $_{C}QPS_{US}$ Class I, Division 1 & 2, Groups B, C & D Temp.= -40°C to +60°C Note: Certification only applies to some gases. Toxic gases not certified for Div. 1 locations are suitable for Div. 2 applications but have no third party approval.
Hardware Warranty		Limited one year
Sensor Element Warranty		Varies with sensor type and element and is subject to factory verification
Part Number Formula		Compatible with AirLink 7010 and AirLink 7032
Battery Warranty		90 days from ship date
Optional Product Accessories		2-Wheeled cart/stand

Specifications subject to change without notice.

Made in the USA

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Authorized Distributor:

AirLink Wireless Controllers & Transmiters

AirLink 6940XP Quad Transmitter, Explosion Proof

- Explosion Proof, Class I, Division 1 for CO, H2S, O2, LEL, CO2, VOC, HCN, PH3, & SO2
- Class I, Division 2 for all other gases
- Dual battery powered

Ordering Information

1) Select the AirLink 6940 unit based on the number of sensors needed.
2) Select the sensor assemblies to match the number of sensors in step 1.

Part#	Description	Suggested Retail
74-429	AirLink 6940 quad transmitter for 2 sensors, explosion proof, battery powered, wireless 900 MHz radio, sensor assemblies selection needed	4,470.00
74-439	AirLink 6940 quad transmitter for 3 sensors, explosion proof, battery powered, wireless 900 MHz radio, sensor assemblies selection needed	4,470.00
74-449	AirLink 6940 quad transmitter for 4 sensors, explosion proof, battery powered, wireless 900 MHz radio, sensor assemblies selection needed	4,470.00

AirLink 6940 Sensors Assembly Options - Explosion Proof (Div. 1 or Div. 2, see below)

Part#	Description	Suggested Retail
66-1006-1-10	Sensor assembly for Ammonia (NH3), Low range, 0 - 100 ppm, EC type, XP Division 2, 7 pin	840.00
66-1006-2-99	Sensor assembly for Ammonia (NH3), High range 0 - 1000 ppm, EC type, XP Division 2, 7 pin	840.00
66-1068-01	Sensor assembly for Arsine (AsH3) 0 - 1 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1067-05	Sensor assembly for Carbon Dioxide (CO2) 0 - 5 % Volume, LPIR - Low Power Infrared, XP Division 1, 7 pin	1,310.00
66-1001-10	Sensor assembly for Carbon Monoxide (CO) 0 - 1000 ppm, EC type, XP Division 1, 7 pin	675.00
66-1012-10	Sensor assembly for Chlorine (Cl2) 0 - 10 ppm, EC type, XP Division 2, 7 pin	840.00
66-1013-05	Sensor assembly for Chlorine Dioxide (ClO2) covers full scale up to 0 - 5 ppm, EC type, XP Division 2, 7 pin	840.00
66-1060-10	Sensor assembly for Combustible (CH4) 0 - 100 % LEL, CH4, LPIR - Low Power Infrared, XP Division 1, 7 pin	1,310.00
66-1062-99	Sensor assembly for Combustible (CH4) 0 - 100 % Volume, LPIR - Low Power Infrared, XP Division 1, 7 pin	1,310.00
66-1063-10	Sensor assembly for Combustible (HC) 0 - 100 % Vol., LPIR - Low Power Infrared, XP Division 1, 7 pin	1,310.00
66-1016-10	Sensor assembly for Ethylene Oxide (ETO) 0 - 10 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1011-10	Sensor assembly for Formaldehyde (HCHO) 0 - 10 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1039-40	Sensor assembly for Hydrogen (H2) 0 - 100% LEL (0-4% vol), EC type, XP Division 1, 7 pin	1,310.00
66-1004-10	Sensor assembly for Hydrogen Chloride (HCl) 0 - 100 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1005-50	Sensor assembly for Hydrogen Cyanide (HCN) 0 - 50 ppm, EC type, XP Division 2, 7 pin	840.00
66-1014-10	Sensor assembly for Hydrogen Fluoride (HF) 0 - 10 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1016-10	Sensor assembly for Ethylene Oxide (ETO) 0 - 10 ppm, EC type, XP Division 2, 7 pin	1,310.00
66-1003-1-10	Sensor assembly for Hydrogen Sulfide (H2S) Low Range, 0 - 100 ppm, EC type, XP Division 1, 7 pin	675.00
66-1003-2-2K	Sensor assembly for Hydrogen Sulfide (H2S) High range, 0 - 2000 ppm, EC type, XP Division 1, 7 pin	840.00
66-1007-25	Sensor assembly for Nitric Oxide (NO) 0 - 250 ppm, EC type, XP Division 2, 7 pin	840.00
66-1008-20	Sensor assembly for Nitrogen Dioxide (NO2) 0 - 20 ppm, EC type, XP Division 2, 7 pin	840.00
66-1002-25	Sensor assembly for Oxygen (O2) 0 - 25 % Volume, EC type, XP Division 1, 7 pin	675.00
66-1009-1-05	Sensor assembly for Ozone (O3), 0 - 5 ppm, EC type, XP Division 2, 7 pin	840.00
66-1009-2-99	Sensor assembly for Ozone (O3), high range 0 - 100 ppm, EC type, XP Division 2, 7 pin	840.00
66-1015-05	Sensor assembly for Phosphine (PH3) 0 - 5 ppm, EC type, XP Division 2, 7 pin	1,485.00
66-1010-20	Sensor assembly for Sulfur Dioxide (SO2) 0 - 20 ppm, EC type, XP Division 2, 7 pin	840.00
66-1302	Sensor assembly for VOC (10.6 eV PID) 0 - 50 ppm, XP Division 1, 7 pin	1,860.00
66-1303	Sensor assembly for VOC (10.6 eV PID) 0 - 2000 ppm, XP Division 1, 7 pin	1,670.00
66-1305	Sensor assembly for VOC (10.0 eV PID) 0 - 100 ppm, XP Division 1, 7 pin	1,860.00
66-1304	Sensor assembly for VOC (11.7 eV PID) 0 - 100 ppm, XP Division 1, 7 pin	2,400.00

Replacement Parts and Accessories for AirLink 6940XP

Part#	Description	Suggested Retail
23-0306	Cart stand for AirLink 6940	825.00
47-5110-7-XX	Cable with 7-pin connector to remote mount sensor (battery powered) for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
49-1416-02	Battery pack, Lithium-thionyl, 4 cells, non-rechargeable, 3.6 VDC 76 AH with connector for AirLink 6940	155.00
61-2003	Remote sensor mounting kit, explosion proof with 7-pin connector for T2A/AirLink 6900/ AirLink 6940XP (order cable separate)	450.00
81-1184	Rain guard for T2A/T3A/VOC Pro type explosion proof detector	20.00
82-0104	Magnetic wand for AirLink 6940	50.00
Z2000-CAP-ASSY	Sensor housing cap with flame arrestor and O-ring, for T3A/VOC Pro/6900/6940XP Airlink products and T2A/T3A	210.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

Calilbration Kits for AirLink 6940XP (Cylinders sold separately)

Part#	Description	Suggested Retail
81-429	AirLink 6940 cal kit equipment for 1-2 cylinders, includes carrying case, regulator for 34AL/58AL/103L cylinders, tubing, cal cup (cylinders sold separately)	360.00
81-439	AirLink 6940 cal kit equipment for 3 cylinders, includes carrying case, regulator for 34AL/ 58AL/103L cylinders, tubing, cal cup (cylinders sold separately)	425.00
81-449	AirLink 6940 cal kit equipment for 4 cylinders, includes carrying case, regulator for 34AL/ 58AL/103L cylinders, tubing, cal cup (cylinders sold separately)	550.00

Calilbration Equipment for AirLink 6940XP

Part#	Description	Suggested Retail
81-0012RK-01	Cylinder, CH4 50% LEL in air, 34L steel	55.00
81-0012RK-03	Cylinder, CH4 50% LEL/air, 103L steel	150.00
81-0151RK-02	Cylinder, H2S 25 ppm in N2, 58AL	150.00
81-0151RK-04	Cylinder, H2S 25 ppm in N2, 34AL	130.00
81-0170RK-02	Cylinder, SO2 5 ppm in N2, 58AL	160.00
81-0170RK-04	Cylinder, SO2 5 ppm in N2, 34AL	140.00
81-0176RK-02	Cylinder, NH3 25 ppm in N2, 58AL	300.00
81-0176RK-04	Cylinder, NH3 25 ppm in N2, 34AL	280.00
81-0181RK-02	Cylinder, NO 25 ppm in N2, 58AL	300.00
81-0181RK-04	Cylinder, NO 25 ppm in N2, 34AL	260.00
81-0185RK-02	Cylinder, PH3 0.5 ppm in N2, 58AL	300.00
81-0185RK-04	Cylinder, PH3 0.5 ppm in N2, 34AL	260.00
81-0190RK-02	Cylinder, Cl2 5 ppm in N2, 58AL	340.00
81-0190RK-04	Cylinder, Cl2 5 ppm in N2, 34AL	220.00
81-0195RK-02	Cylinder, HCl 5 ppm in N2, 58AL	300.00
81-0195RK-04	Cylinder, HCl 5 ppm in N2, 34AL	280.00
81-0196RK-02	Cylinder, HCN 10 ppm in N2, 58AL	300.00
81-0196RK-04	Cylinder, HCN 10 ppm in N2, 34AL	280.00
81-1050RK	Regulator, with gauge & knob, 17/34L, 0.5 LPM, CGA 600 fitting	125.00
81-1051RK	Regulator, with gauge & knob, 34AL/58AL/103L steel, 0.5 LPM, C-10 fitting	125.00
81-1183	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing for T2A/T3A/VOC Pro/AirLink 6900 type detectors	160.00

WIRELESS AC POWERED NON-EXPLOSION PROOF

Gas Detection For Life — AirLink 6940 NXP Sensor Assembly

Features

- Electrochemical, PID, or low power IR sensors
- Wireless communication
  - *900 MHz radio and 52 networks*
  - *2.4 GHz radio and 78 networks*
- AC powered with integrated backup battery pack
- Graphical LCD with LED backlight
- Adjustable backgound gas setting per setting
- 4 Push-button interface (MENU, ADD, SUB, and BACK) with 4 corresponding magnetic, non-intrusive switches
- Sensor warranty subject to factory verification
- 1-Year limited hardware warranty

Industry Applications

- Petrochemical plants, Refineries
- Water & wastewater treatment plants
- Pulp & paper mills
- Manufacturing facilities
- Chemical plants

The RKI AirLink 6940 NXP series AC powered ambient air multi-gas detector simultaneously uses up to four sensor elements to detect an array of gases. The Assembly reports once a minute, however the reporting rate will increase to once every five seconds if the target gases exceed a preset background level. Operates from an AC power supply with an internal backup battery pack. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

Gas Type	Range	T_{90}	Hazard Classification
AsH3	0 - 1 ppm	< 30 sec.	Class 1, Div 2
CH2O	0 - 10 ppm	< 30 sec.	Class 1, Div 2
CH3SH	0 - 10 ppm	< 100 sec.	Class 1, Div 2
CL2	0 - 10 ppm	< 60 sec.	Class 1, Div 2
CLO2	0 - 1 ppm	< 120 sec.	Class 1, Div 2
CO	0 - 1000 ppm	< 30 sec.	Class 1, Div 1
CO2	0 - 1.5% Vol.	< 30 sec.	Class 1, Div 1
ETO	0 - 10 ppm	< 80 sec.	Class 1, Div 2
F2	0 - 1 ppm	< 80 sec.	Class 1, Div 2
H2	0 - 4% Vol.	< 60 sec.	Class 1, Div 1
H2S	0 - 100 ppm	< 30 sec.	Class 1, Div 1
H2S	0 - 2000 ppm	< 25 sec.	Class 1, Div 1
HBr	0 - 30 ppm	< 40 sec.	Class 1, Div 2
HCL	0 - 30 ppm	< 300 sec.	Class 1, Div 2
HCN	0 - 50 ppm	< 70 sec.	Class 1, Div 2
HF	0 - 10 ppm	< 90 sec.	Class 1, Div 2
LEL-IR	0 - 100% LEL (0 - 5% Vol.)	< 30 sec.	Class 1, Div 1
LEL HC-IR	0 - 100% LEL	< 30 sec.	Class 1, Div 1
NH3	0 - 100 ppm	< 90 sec.	Class 1, Div 2

Gas Type	Range	T_{90}	Hazard Classification
NH3	0 - 300 ppm	< 120 sec.	Class 1, Div 2
NH3	0 - 1000 ppm	< 120 sec.	Class 1, Div 2
NO	0 - 250 ppm	< 40 sec.	Class 1, Div 2
NO2	0 - 20 ppm	< 25 sec.	Class 1, Div 2
O2	0 - 25% Vol.	< 15 sec.	Class 1, Div 1
O3	0 - 5 ppm	< 60 sec.	Class 1, Div 2
PH3	0 - 5 ppm	< 30 sec.	Class 1, Div 2
SO2	0 - 20 ppm	< 35 sec.	Class 1, Div 2
PID VOC	0 - 10.00 / 20.00 / 50.00 ppm	< 3 sec.	Class 1, Div 1
PID VOC	0 - 100.00 / 200.00 / 500.00 / 1000 / 2000 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 10.0 eV	0 - 10.00 / 20.00 / 50.00 / 100 ppm	< 3 sec.	Class 1, Div 1
PID - VOC 11.7 eV	0 - 50.00 / 100 / 1000 ppm	< 3 sec.	Class 1, Div 1

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AirLink 6940-NXP Sensor Assembly

Product Specifications	
Sensor Type	Electrochemical, PID and / or low-power infrared sensor
Power Type	AC power supply with integrated 3.6VDC/76 Ah backup battery pack
RF Connection	External N-female radio frequency (RF) connector, flexible antenna included
Display Screen	160x104 Resolution graphical LCD screen Transflective (sunlight readable) with LED backlight
Interface	4 Push-buttons (MENU, ADD, SUB, and BACK) 4 Magnetic non-intrusive switches for calibration (MENU, ADD, SUB, and BACK)
Customizable Settings	Adjustable background gas setting (1% to 10% of full scale) settable per sensor element
Temperature Range	-40°C to +60°C
Wireless Radio Options	900 MHz (200 mW) radio or 2.4 GHz (125 mW) radio
Networks	52 Networks (900 MHz radio) or 78 networks (II 2.4 GHz radio) 255 addresses per network
Product Dimensions	5 in. D x 10.5 in. W x 20 in. H (Max. dimensions with attachments)
Enclosure Material	NEMA Class I, 4, 4X and 6 fiberglass enclosure with clear lid - IP 66, UL 508 and UL 746C (f1) rated
Hardware Warranty	Limited one year
Sensor Element Warranty	Varies with sensor element and is subject to factory verification
Compatible Controllers	AirLink 7010 and AirLink 7032
Optional Remote Sensor Kit	Electrochemical sensor — up to 250 feet of cable Low power infrared sensor — up to 40 feet of cable Photo Ionization Detector (PID) — up to 35 feet of cable

Specifications subject to change without notice.

Made in the USA

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Authorized Distributor:

AirLink 6940NXP Quad Transmitter, Non Explosion Proof

- Non Explosion proof transmitter
- 2 to 4 sensors in one NEMA 4X enclosure
- AC Powered with battery backup, includes power cord & cable grip

Ordering Information
1) Select the AirLink 6940 NXP unit based on the number of sensors needed.
2) Select the sensor assemblies to match the number of sensors in step 1.

Part#	Description	Suggested Retail
74-429NXP	AirLink 6940NXP quad transmitter for 2 sensors, non explosion proof, AC powered, wireless 900 MHz radio, sensor assemblies selection needed	2,890.00
74-439NXP	AirLink 6940NXP quad transmitter for 3 sensors, non explosion proof, AC powered, wireless 900 MHz radio, sensor assemblies selection needed	2,890.00
74-449NXP	AirLink 6940NXP quad transmitter for 4 sensors, non explosion proof, AC powered, wireless 900 MHz radio, sensor assemblies selection needed	2,890.00

AirLink 6940NXP Sensors Assembly Options - Non Explosion Proof

Part#	Description	Suggested Retail
66-2006-1-10	Sensor assembly for Ammonia (NH3), 0 - 100 ppm, EC type, non XP, 7-pin	760.00
66-2006-2-99	Sensor assembly for Ammonia (NH3), High range 0 - 1000 ppm, EC type, non XP, 7-pin	760.00
66-2068-01	Sensor assembly for Arsine (AsH3) 0 - 1 ppm, EC type, non XP, 7-pin	1,220.00
66-2067-05	Sensor assembly for Carbon Dioxide (CO2) 0 - 5 % Volume, LPIR - Low Power Infrared, non XP, 7-pin	1,220.00
66-2001-10	Sensor assembly for Carbon Monoxide (CO) 0 - 1000 ppm, EC type, non XP, 7-pin	580.00
66-2012-10	Sensor assembly for Chlorine (Cl2) 0 - 10 ppm, EC type, non XP, 7-pin	760.00
66-2013-01	Sensor assembly for Chlorine Dioxide (ClO2) 0 - 1 ppm, EC type, non XP, 7-pin	760.00
66-2060-10	Sensor assembly for Combustible (CH4) 0 - 100 % LEL, CH4, LPIR - Low Power Infrared, non XP, 7-pin	1,220.00
66-2063-10	Sensor assembly for Combustible (HC) 0 - 100 % Vol., LPIR - Low Power Infrared, non XP, 7-pin	1,220.00
66-2062-99	Sensor assembly for Combustible (CH4) 0 - 100 % Volume, LPIR - Low Power Infrared, non XP, 7-pin	1,220.00
66-2016-10	Sensor assembly for Ethylene Oxide (ETO) 0 - 10 ppm, EC type, non XP, 7-pin	1,220.00
66-2011-10	Sensor assembly for Formaldehyde (HCHO) 0 - 10 ppm, EC type, non XP, 7-pin	1,220.00
66-2039-40	Sensor assembly for Hydrogen (H2) 0 - 100% LEL (0-4% vol), EC type, non XP, 7-pin	760.00
66-2004-10	Sensor assembly for Hydrogen Chloride (HCl) 0 - 100 ppm, EC type, non XP, 7-pin	1,220.00
66-2005-50	Sensor assembly for Hydrogen Cyanide (HCN) 0 - 50 ppm, EC type, non XP, 7-pin	760.00
66-2014-10	Sensor assembly for Hydrogen Fluoride (HF) 0 - 10 ppm, EC type, non XP, 7-pin	1,220.00
66-2003-1-10	Sensor assembly for Hydrogen Sulfide (H2S) 0 - 100 ppm, EC type, non XP, 7-pin	580.00
66-2003-2-2K	Sensor assembly for Hydrogen Sulfide (H2S) High range 0 - 2000 ppm, EC type, non XP, 7-pin	760.00
66-2007-25	Sensor assembly for Nitric Oxide (NO) 0 - 250 ppm, EC type, non XP, 7-pin	760.00
66-2008-20	Sensor assembly for Nitrogen Dioxide (NO2) 0 - 20 ppm, EC type, non XP, 7-pin	760.00
66-2002-25	Sensor assembly for Oxygen (O2) 0 - 25 % Volume, EC type, non XP, 7-pin	580.00
66-2009-1-05	Sensor assembly for Ozone (O3), 0 - 5 ppm, EC type, non XP, 7-pin	760.00
66-2009-2-99	Sensor assembly for Ozone (O3), high range 0 - 100 ppm, EC type, non XP, 7-pin	760.00
66-2015-05	Sensor assembly for Phosphine (PH3) 0 - 5 ppm, EC type, non XP, 7-pin	1,350.00
66-2010-20	Sensor assembly for Sulfur Dioxide (SO2) 0 - 20 ppm, EC type, non XP, 7-pin	760.00
66-2302	Sensor assembly for VOC (10.6 eV PID) 0 - 50 ppm, non XP, 7-pin	1,770.00
66-2303	Sensor assembly for VOC (10.6 eV PID) 0 - 2000 ppm, non XP, 7-pin	1,590.00
66-2305	Sensor assembly for VOC (10.0 eV PID) 0 - 100 ppm, non XP, 7-pin	1,770.00
66-2304	Sensor assembly for VOC (11.7 eV PID) 0 - 100 ppm, non XP, 7-pin	2,370.00

Replacement Parts and Accessories for AirLink 6940 NXP

Part#	Description	Suggested Retail
47-5110-7-XX	Cable with 7-pin connector to remote mount sensor (battery powered) for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
47-5111-100	Antenna extension cable, 100 feet, N-male to N-female for AirLink models	650.00
47-5111-15	Antenna extension cable,15 feet, N-male to N-female for AirLink models	165.00
47-5111-25	Antenna extension cable, 25 feet, N-male to N-female for AirLink models	215.00
47-5111-50	Antenna extension cable, 50 feet, N-male to N-female for AirLink models	330.00
47-5111-75	Antenna extension cable, 75 feet, N-male to N-female for AirLink models	495.00
61-2002	Remote sensor mounting kit, explosion proof for AirLink Alert/AirLink 6940NXP (order cable separate)	190.00
81-1185	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing, for non explosion proof Air Alert and AirLink Alert type detectors	45.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00

WIRELESS STANDALONE TRANSMITTER

Gas Detection For Life

AirLink Alert

Features

- Electrochemical, Infrared, or PID sensor element
- Battery powered
- Operating temperature range of -40°C to +70°C
- 3 Push-button interface (ADD, MENU, SUB) with 3 corresponding magnetic, non-intrusive switches
- Graphical LCD with LED backlight
- Output options: wireless, 900 MHz or 2.4 GHz radio
- 1-Year warranty

Industry Applications

- Petrochemical plants, Refineries
- Water & wastewater treatment plants
- Pulp & paper mills
- Manufacturing facilities
- Chemical plants
- Construction
- Temporary or permanent monitoring applications

The RKI AirLink Alert series ambient air toxic gas detector is a versatile assembly that uses an electrochemical, infrared or PID sensor element to detect a variety of gases. Battery powered, it communicates wirelessly with controller. Magnetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

Gas Type	Sensor Types	Range	T_{90}
AsH3	EC	0 - 1 ppm	< 30 sec.
CH2O	EC	0 - 10 ppm	< 30 sec.
CH3SH	EC	0 - 10 ppm	< 100 sec.
CL2	EC	0 - 10 ppm	< 60 sec.
CLO2	EC	0 - 1 ppm	< 120 sec.
CO	EC	0 - 300 ppm	< 30 sec.
CO2	LPIR	0 - 1.5% Vol.	< 30 sec.
ETO	EC	0 - 10 ppm	< 80 sec.
F2	EC	0 - 1 ppm	< 80 sec.
H2S	EC	0 - 100 ppm	< 30 sec.
H2S2K	EC	0 - 2000 ppm	< 25 sec.
HBr	EC	0 - 30 ppm	< 40 sec.
HCL	EC	0 - 30 ppm	< 300 sec.
HCN	EC	0 - 30 ppm	< 70 sec.
HF	EC	0 - 10 ppm	< 90 sec.
LEL	LPIR	0 - 100% LEL (0-5% Vol.)	< 30 sec.
NH3	EC	0 - 100 ppm	< 90 sec.

Gas Type	Sensor Types	Range	T_{90}
NH3300	EC	0 - 300 ppm	< 120 sec.
NH3A	EC	0 - 1000 ppm	< 120 sec.
NO	EC	0 - 250 ppm	< 40 sec.
NO2	EC	0 - 20 ppm	< 25 sec.
O2	EC	0 - 25% Vol.	< 15 sec.
O3	EC	0 - 5 ppm	< 60 sec.
O3H	EC	0 - 100 ppm	< 60 sec.
PH3	EC	0 - 5 ppm	< 30 sec.
SO2	EC	0 - 20 ppm	< 35 sec.
PID - VOC	PID 10.6eV	0 - 10.00 / 20.00 / 50.00 ppm	< 3 sec.
PID - VOC	PID 10.6eV	0 - 100.00 / 200.00 / 500.00 / 1000 / 2000 ppm	< 3 sec.
PID - VOC	PID 10.0 eV	0 - 10.00 / 20.00 / 50.00 / 100 ppm	< 3 sec.
PID - VOC	PID 11.7 eV	0 - 20.00 / 50.00 / 100 ppm	< 3 sec.

RKI Instruments, Inc. • 33248 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

World Leader In Gas Detection & Sensor Technology
www.rkiinstruments.com

AirLink Alert

Product Specifications	
Sensor Type	Electrochemical, PID or low-power infrared sensor
Operating Voltage	3.6V (19 Ah each, 38 Ah total) Lithium-Thionyl (Li-SOCl2) battery, with connector (non-rechargeable)
Power Type	Dual battery powered
Battery Life	1 Year Max. (low power infrared), 2 year Max. (electrochemical), 14+ days (PID)
RF Connection	External N-female radio frequency (RF) connector
Customizable Settings	Adjustable background gas setting
Display Screen	102x64 Resolution graphical LCD screen transflective (sunlight readable) with LED backlight
Interface	3 Push-buttons (MENU, ADD and SUB) 3 Magnetic non-intrusive switches for calibration (MENU, ADD and SUB)
Temperature Range	-40°C to +54°C
Wireless Radio Options	MHz (200 mW) radio (1-1.5 miles range) or 2.4 GHz (125 mW) radio (1-1.5 miles range)
Networks	52 Networks (900 MHz radio) or 78 networks (2.4 GHz radio) 255 addresses per network
Enclosure Material	NEMA Class I, 4, 4X, and 6 polycarbonate enclosure with clear window - IP 66, UL 508 and UL 746C (f1) rated
Construction	For use in non hazardous areas only
Remote Sensor Kit (Additional Feature)	Remote sensor kit with enclosure (7 pin), available in lengths of up to 250 feet for PID and electrochemical, and lengths of up to 40 feet for low power IR
Product Dimensions	5.42 in. L x 6.03 in. W x 17.03 in. H (Max. dimensions with attachments)
Total Weight	6 lbs.
Controllers	Compatible with AirLink 7010 and AirLink 7032
Battery Warranty	90 days from ship date
Warranty	1-Year warranty for electronics and sensor (Two months for PID with 11.7 eV lamp)

Specifications subject to change without notice.

Made in the USA

RKI INSTRUMENTS

Toll Free: (800) 754-5165 • Phone: (510) 441-5656
Fax: (510) 441-5650 • www.rkiinstruments.com

Authorized Distributor:

AirLink Alert Wireless Transmitter, Battery Powered, Non Explosion Proof

Ordering Information
66-5[Battery=B] [2 digit gas designator]-[2 digit range suffix]- [radio frequency=W (900)/Y(2.4)]

Part#	Description	Suggested Retail
66-5B06-10-W	Airlink Alert, Ammonia (NH3) 0-100 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B06-99-W	Airlink Alert, Ammonia (NH3) 0-1000 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B68-01-W	Airlink Alert, Arsine (AsH3) 0-1 ppm, dual battery powered, 900 MHz radio	2,435.00
66-5B67-05-W	Airlink Alert, Carbon Dioxide (CO2) 0-5% vol, LPIR, dual battery powered, 900 MHz radio	2,435.00
66-5B01-99-W	Airlink Alert, Carbon Monoxide (CO) 0-1000 ppm, dual battery powered, 900 MHz radio	1,795.00
66-5B12-10-W	Airlink Alert, Chlorine (Cl2) 0-10 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B13-01-W	Airlink Alert, Chlorine Dioxide (ClO2) 0-1 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B16-10-W	Airlink Alert, Ethylene Oxide (ETO) 0-10 ppm, dual battery powered, 900 MHz radio	2,435.00
66-5B11-10-W	Airlink Alert, Formaldehyde (HCHO) 0-10 ppm, dual battery powered, 900 MHz radio	2,435.00
66-5B60-10-W	Airlink Alert, Hydrocarbons (CH4) 0-100% LEL, LPIR, dual battery powered, 900 MHz radio	2,435.00
66-5B62-99-W	Airlink Alert, Hydrocarbons (CH4) 0-100% vol, LPIR, dual battery powered, 900 MHz radio	2,435.00
66-5B63-10-W	Airlink Alert, Hydrocarbons (HC) 0-100% LEL, LPIR, dual battery powered, 900 MHz radio	2,435.00
66-5B39-40-W	Airlink Alert, Hydrogen (H2) 0 - 100% LEL (0-4% vol), EC type, dual battery powered, 900 MHz radio	2,435.00
66-5B04-02-W	Airlink Alert, Hydrogen Chloride (HCl) 0-20 ppm, dual battery powered, 900 MHz radio	2,230.00
66-5B04-10-W	Airlink Alert, Hydrogen Chloride (HCl) 0-100 ppm, dual battery powered, 900 MHz radio	2,230.00
66-5B05-50-W	Airlink Alert, Hydrogen Cyanide (HCN) 0-50 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B14-10-W	Airlink Alert, Hydrogen Fluoride (HF) 0-10 ppm, dual battery powered, 900 MHz radio	2,435.00
66-5B03-01-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-10 ppm, dual battery powered, 900 MHz radio	1,795.00
66-5B03-02-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-25 ppm, dual battery powered, 900 MHz radio	1,795.00
66-5B03-05-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-50 ppm, dual battery powered, 900 MHz radio	1,795.00
66-5B03-10-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-100 ppm, dual battery powered, 900 MHz radio	1,795.00
66-5B03-50-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-500 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B03-2K-W	Airlink Alert, Hydrogen Sulfide (H2S) 0-2000 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B07-25-W	Airlink Alert, Nitric Oxide (NO) 0-20 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B08-20-W	Airlink Alert, Nitrogen Dioxide (NO2) 0-20 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B02-25-W	Airlink Alert, Oxygen (O2) 0-25% vol, dual battery powered, 900 MHz radio	1,725.00
66-5B09-05-W	Airlink Alert, Ozone (O3) 0-5 ppm, dual battery powered, 900 MHz radio	2,230.00
66-5B09-99-W	Airlink Alert, Ozone (O3) 0-100 ppm, dual battery powered, 900 MHz radio	2,230.00
66-5B15-05-W	Airlink Alert, Phosphine (PH3) 0-5 ppm, dual battery powered, 900 MHz radio	2,560.00
66-5B10-20-W	Airlink Alert, Sulfur Dioxide (SO2) 0-20 ppm, dual battery powered, 900 MHz radio	1,960.00
66-5B92-01-W	Airlink Alert, VOC (10.6 eV PID) 0-10 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B92-02-W	Airlink Alert, VOC (10.6 eV PID) 0-20 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B92-05-W	Airlink Alert, VOC (10.6 eV PID) 0-50 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B93-10-W	Airlink Alert, VOC (10.6 eV PID) 0-100 ppm, dual battery powered, 900 MHz radio	3,380.00
66-5B93-20-W	Airlink Alert, VOC (10.6 eV PID) 0-200 ppm, dual battery powered, 900 MHz radio	3,380.00
66-5B93-50-W	Airlink Alert, VOC (10.6 eV PID) 0-500 ppm, dual battery powered, 900 MHz radio	3,380.00
66-5B93-1K-W	Airlink Alert, VOC (10.6 eV PID) 0-1000 ppm, dual battery powered, 900 MHz radio	3,380.00
66-5B93-2K-W	Airlink Alert, VOC (10.6 eV PID) 0-2000 ppm, dual battery powered, 900 MHz radio	3,380.00
66-5B95-01-W	Airlink Alert, VOC (10.0 eV PID) 0-10 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B95-02-W	Airlink Alert, VOC (10.0 eV PID) 0-20 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B95-05-W	Airlink Alert, VOC (10.0 eV PID) 0-50 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B95-10-W	Airlink Alert, VOC (10.0 eV PID) 0-100 ppm, dual battery powered, 900 MHz radio	3,550.00
66-5B94-10-W	Airlink Alert, VOC (11.7 eV PID) 0-100 ppm, dual battery powered, 900 MHz radio	4,100.00

Replacement Parts and Accessories for AirLink Alert

Part#	Description	Suggested Retail
47-5110-5-XX	Cable with 5-pin connector to remote mount sensor for explosion proof and non-explosion proof, price per foot (specify length in place of -XX)	7.90
61-2002	Remote sensor mounting kit, explosion proof for AirLink Alert/AirLink 6940NXP (order cable separate)	190.00
81-1185	Cal cup with 3 ft 1/8" ID x 1/4" OD teflon tubing, for non explosion proof Air Alert and AirLink Alert type detectors	45.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	20.00
ZA-ANTENNA-MT	Antenna mount for Airlink wireless radio	66.00
ZA-SD-CAP-ASSY	Flow through adapter, for Air Alert/AirLink Alert	165.00

AirLink Replacement Sensors (Plug-in Sensors Only)

Part#	Description	Suggested Retail
66-0006-1	Sensor, Ammonia (NH3) covers full scale up to 100 ppm, EC type	400.00
66-0006-2	Sensor, Ammonia (NH3) high range, covers full scale from 200 to 1000 ppm, Semeatech, EC type	400.00
66-0068	Sensor, Arsine (AsH3) 0 - 1 ppm, EC type	900.00
66-0067	Sensor, Carbon Dioxide (CO2) 0 - 5%, LPIR type	800.00
66-0001	Sensor, Carbon Monoxide (CO) covers full scale up to 0 - 1000 ppm, EC type	220.00
66-0012	Sensor, Chlorine (Cl2) covers full scale up to 20 ppm, EC type	400.00
66-0013	Sensor, Chlorine Dioxide (ClO2) covers full scale up to 5 ppm, EC type	400.00
66-0016	Sensor, Ethylene Oxide (ETO) 0 - 10 ppm, EC type	900.00
66-0011	Sensor, Formaldehyde (HCHO) 0 - 10 ppm, EC type	900.00
66-0060	Sensor, Hydrocarbons (CH4) 0 - 100 % LEL, LPIR type	800.00
66-0062	Sensor, Hydrocarbons (CH4) 0 - 100 % vol, LPIR type	800.00
66-0063	Sensor, Hydrocarbons (HC) 0 - 100 % LEL, LPIR type	800.00
66-0039	Sensor, Hydrogen (H2) 0 - 100% LEL (0-4% vol), EC type	900.00
66-0004-1	Sensor, Hydrogen Chloride (HCl) covers full scale up to 20 ppm, EC type	400.00
66-0004-2	Sensor, Hydrogen Chloride (HCl) covers full scale up to 200 ppm, EC type	400.00
66-0005	Sensor, Hydrogen Cyanide (HCN) 0 - 50 ppm, EC type	400.00
66-0014	Sensor, Hydrogen Fluoride (HF) 0 - 10 ppm, EC type	900.00
66-0003-1	Sensor, Hydrogen Sulfide (H2S) 0 - 100 ppm, EC type	220.00
66-0003-2	Sensor, Hydrogen Sulfide (H2S) covers full scale from 200 ppm to 2000 ppm, EC type	400.00
66-0007	Sensor, Nitric Oxide (NO) covers full scale up to 250 ppm, EC type	400.00
66-0008	Sensor, Nitrogen Dioxide (NO2) 0 - 20 ppm, EC type	400.00
66-0002	Sensor, Oxygen (O2) 0 - 25 % volume, capillary type	400.00
66-0009-1	Sensor, Ozone (O3) 0 - 5 ppm, EC type	900.00
66-0009-2	Sensor, Ozone (O3) high range sensor covers full scale from 10 ppm to 100 ppm, EC type	900.00
66-0015	Sensor, Phosphine (PH3) 0 - 5 ppm, EC type	1,025.00
66-0010	Sensor, Sulfur Dioxide (SO2) 0 - 20 ppm, EC type	400.00
61-0302	Sensor, Volatile Organic Compounds (VOC) 0-50 ppm, 10.6 eV PID, low ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-0303	Sensor, Volatile Organic Compounds (VOC) 0-2000 ppm, 10.6 eV PID, high ppm sensor for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,000.00
61-0305	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm/0-50 ppm for Benzene, 10.0 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,200.00
61-0304	Sensor, Volatile Organic Compounds (VOC) 0-100 ppm, 11.7 eV PID for VOC Pro, Air Alert, AirLink VOC Pro, AirLink Alert	1,700.00