

AirLink Wireless

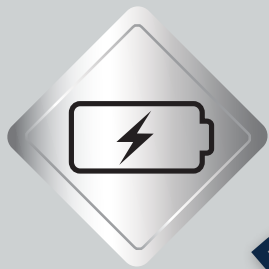
Gas Monitoring Solutions

AirLink

- *Controllers, transmitters, & repeaters*
- *Hybrid wireless & wired systems*
- *One mile line-of-site range*
- *900 MHz or 2.4 GHz radios*
- *Up to 2 years battery life*
- *Secure network*
- *Explosion proof or non explosion proof*
- *Turn-key installation, maintenance, and training services available*



RKI
INSTRUMENTS



Battery Powered



Explosion Proof Transmitter
AirLink 6900

- Electrochemical, PID, or IR sensors available
- Wireless communication
 - 900 MHz radio and 52 networks
 - 2.4 GHz radio and 78 networks
- Graphical LCD with LED backlight, readable in sunlight
- Battery powered
- Battery Life
 - EC = 2 Years
 - IR = 10 to 12 months
 - PID = 2 Weeks



4 Sensor Explosion Proof
AirLink 6940 XP

- Up to 4 sensors in one enclosure
- Electrochemical, PID, or low power IR sensors
- Wireless communication
 - 900 MHz radio and 52 networks
 - 2.4 GHz radio and 78 networks
- Battery powered
- Battery Life
 - 6 Months
- Non XP version available



Non XP Transmitter
AirLink Alert

- Electrochemical, Infrared, or PID sensor element
- Wireless communication
 - 900 MHz radio and 52 networks
 - 2.4 GHz radio and 78 networks
- Battery powered
- Battery Life
 - EC = 2 Years
 - IR = 10 to 12 months
 - PID = 2 Weeks



Explosion Proof Transmitter
AirLink T3A

- Electrochemical, Infrared, catalytic bead sensors
- Wire powered (2-Wire), 12 to 35 VDC operating voltage
- Output options:
 - Wireless 900 MHz or 2.4 GHz
 - 4-20mA (3-wire) analog
 - RS-485 modbus

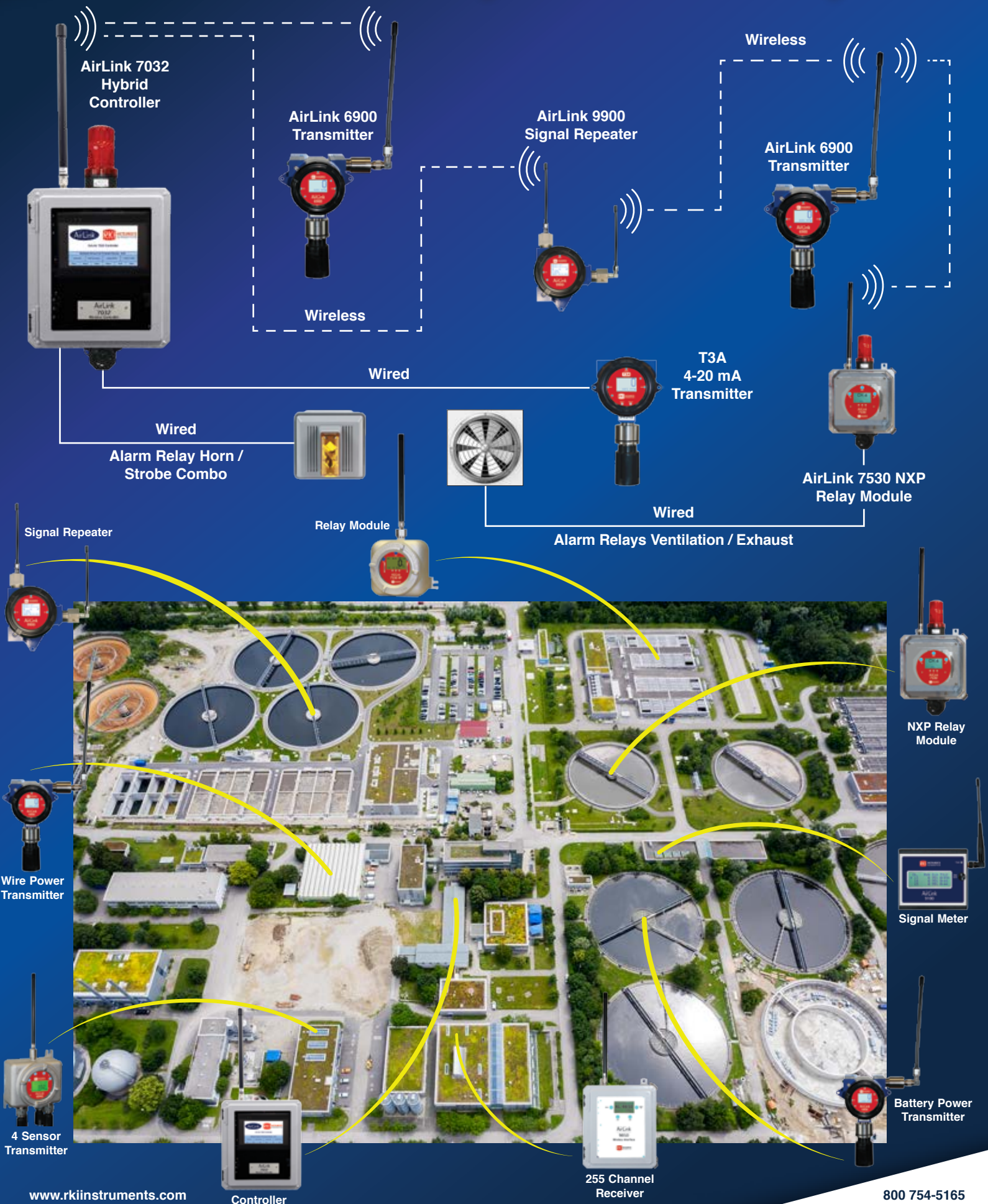


Wire Powered



3-Wire Explosion Proof Transmitter
AirLink VOC Pro

- PID sensor options
 - 10.0 eV lamp / 11.7 eV / 10.6 eV ppb / 10.6 eV ppm
- Output options:
 - Wireless 900 MHz or 2.4 GHz
 - 4-20mA (3-wire) analog
 - RS-485 modbus
- Wire powered (2-Wire), 12 to 35 VDC operating voltage



System Add-Ons



Signal Repeater
AirLink 9900

- 255 Channel wireless interface - all addresses on configured network
- Radio options: 900 MHz radio or 2.4 GHz
- 12 to 35V DC operating voltage
- Non XP version available



4-20mA to Wireless Transmitter
AirLink 5900

- Convert any 4-20mA signal to wireless
- Wireless communication
 - 900 MHz radio and 52 networks
 - 2.4 GHz radio and 78 networks
- Operating voltage: 12V to 35V
- Graphical LCD with LED backlight, readable in sunlight
- Non XP version available



Wireless Switch-State Transmitter
AirLink 5950

- Wirelessly transmit the state of up to 2 switches (pressure, temperature, flow)
- Wireless communication
 - 900 MHz radio and 52 networks
 - 2.4 GHz radio and 78 networks
- Battery powered — 3.6 V, 19 Ah
Allows for use of multiple receivers in multiple locations
- Radio transmission every 1 min. with no change from device, every 5 sec. with change from device (user configurable)
- Non XP version available



32 Channel Relay
AirLink 7530 XP Relayer

- 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
- Non XP version available



Wireless Signal Meter
AirLink 9100

- Portable signal-strength meter
- Displays radio signal strength and gas readings
- Communicates with all wireless sensors on network

Accessories



Horn/Strobe Combo



**Class1, Div. 1
Horn**



**Class1, Div. 1
Horn/Strobe
Combo**



Stack Light



Strobes

Wireless Controllers



255 Channel
AirLink 9850 Interface

- 255 Channel wireless interface - all addresses on configured network
- Interfaces with PLC or SCADA system with RS-232/485, ethernet, or USB
- Radio options: 900 MHz radio or 2.4 GHz Standard
- 12 to 35 VDC operating voltage with optional AC power supply
- Provides optional 4-20 mA outputs, up to 32



6 Channel
AirLink 7543 Controller

- 6 Channel controller accepts up to 6 wireless transmitters
- Radio options: 900 MHz radio or 2.4 GHz Standard
- 3 Programmable alarm set-points
- Optional HART output
- 12 to 35 VDC operating voltage with optional AC power supply
- 3 Programmable relays



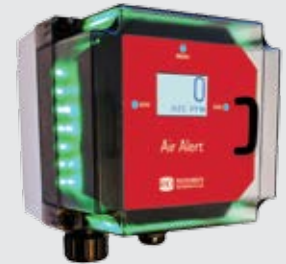
32 Channel
AirLink 7010 Controller

- 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
- 4 Programmable relays



32 Channel
AirLink 7032 Touchscreen

- 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
- 4 Programmable relays



Stand-Alone Transmitter
Air Alert

- Electrochemical, Infrared, or PID sensor element
- Wire powered, 12 to 35 VDC operating voltage, optional AC power supply
- 4-20 mA (3-wire)
- RS-485 Modbus output
- Relay options available
- 3 magnetic-button interface

Wired Solutions



2 Wire Transmitter
T2A

- Electrochemical Sensor
- 2-Wire loop-powered, 4-20 mA output
- Wire powered, 12 to 35 VDC operating voltage
- Digital display of gas reading with backlight
- 3 magnetic-button interface
- 4-20 mA (2-wire) output



3 Wire Transmitter
T3A

- Electrochemical, Infrared or catalytic bead sensors
- Wire powered, 12 to 35 VDC operating voltage
- Digital display of gas reading with backlight
- 4-20 mA (3-wire) output
- 3 magnetic-button interface
- RS-485 Modbus output



PID Transmitter
VOC Pro

- PID sensor options:
—10.0 eV lamp / 11.7 eV / 10.6 eV ppb / 10.6 eV ppm
- Wire powered, 12 to 35 VDC operating voltage
- 4-20 mA (3-wire) output
- 3 magnetic-button interface
- RS-485 Modbus output

Detectable Gas Ranges

Measurable Gases	Symbol	STEL	TLV/TWA	T2A	T3A	Air Alert	AirLink 6900/6940	AirLink Alert
Ammonia	NH3	35 ppm	25 ppm	75, 100, 200, 300, 400, 500, 1k ppm	100, 200, 300, 500, 1k ppm		100, 1k ppm	
Arsine	ASH3	—	0.005 ppm	1 ppm				
Carbon Dioxide	CO2	30,000 ppm	5,000 ppm	—	5k ppm, 5% Vol.		5% Vol.	
Carbon Monoxide	CO	—	25 ppm	300, 500, 1k ppm	500, 1k ppm		1k ppm	
Chlorine	Cl2	0.4 ppm	0.1 ppm	3, 10, 20 ppm	10 ppm			
Chlorine Dioxide	CIO2	C 0.1 ppm	—	1, 5 ppm	1 ppm			
Combustibles LEL (Cat)	LEL	—	—	—	100% LEL	—		
Combustibles LEL (IR)	LEL	—	—	—	100% LEL			
Combustibles CH4 Vol. (IR)	CH4	—	—	—	100% Vol.			
Ethylene Oxide	EtO	—	1 ppm	10 ppm				
Fluorine	F2	C 0.5 ppm	0.1 ppm	1 ppm				
Freon	R410A	—	1,000 ppm	—		2,000 ppm	—	
Freon	R404A	—	1,000 ppm	—		2,000 ppm	—	
Formaldehyde	HCHO	0.3 ppm	0.1 ppm	10 ppm				
Hydrocarbon % Vol.	HC	—	—	—	100% Vol.			
Hydrogen	H2	—	—	100% LEL				
Hydrogen Bromide	HBr	C 2 ppm	—	30 ppm				
Hydrogen Chloride	HCl	C 2 ppm	—	20, 30, 100 ppm	20, 30, 100 ppm		20, 100 ppm	
Hydrogen Cyanide	HCN	C 4.7 ppm	—	15, 30, 50 ppm	15, 50 ppm		50 ppm	
Hydrogen Fluoride	HF	C 2 ppm	0.5 ppm	10 ppm				
Hydrogen Sulfide	H2S	5 ppm	1 ppm	10, 25, 50, 100, 500, 2k ppm				
Nitric Oxide	NO	—	25 ppm	250 ppm				
Nitrogen Dioxide	NO2	—	0.2 ppm	20 ppm				
Oxygen	O2	—	—	25%				
Ozone	O3	—	0.1 ppm	5, 100 ppm			5, 100 ppm (100 ppm 6940 only)	5, 100 ppm
Phosphine	PH3	C 0.15 ppm	0.05 ppm	5 ppm				
Sulfur Dioxide	SO2	0.25 ppm	—	20 ppm				
Volatile Organic Compound	VOCs	—	—	10, 20, 50, 100, 500, 1k, 2k ppm (VOC Pro)				

Authorized Distributor:

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