

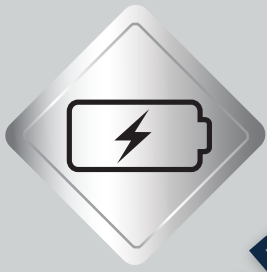
# AirLink Wireless

## 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*





**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



**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

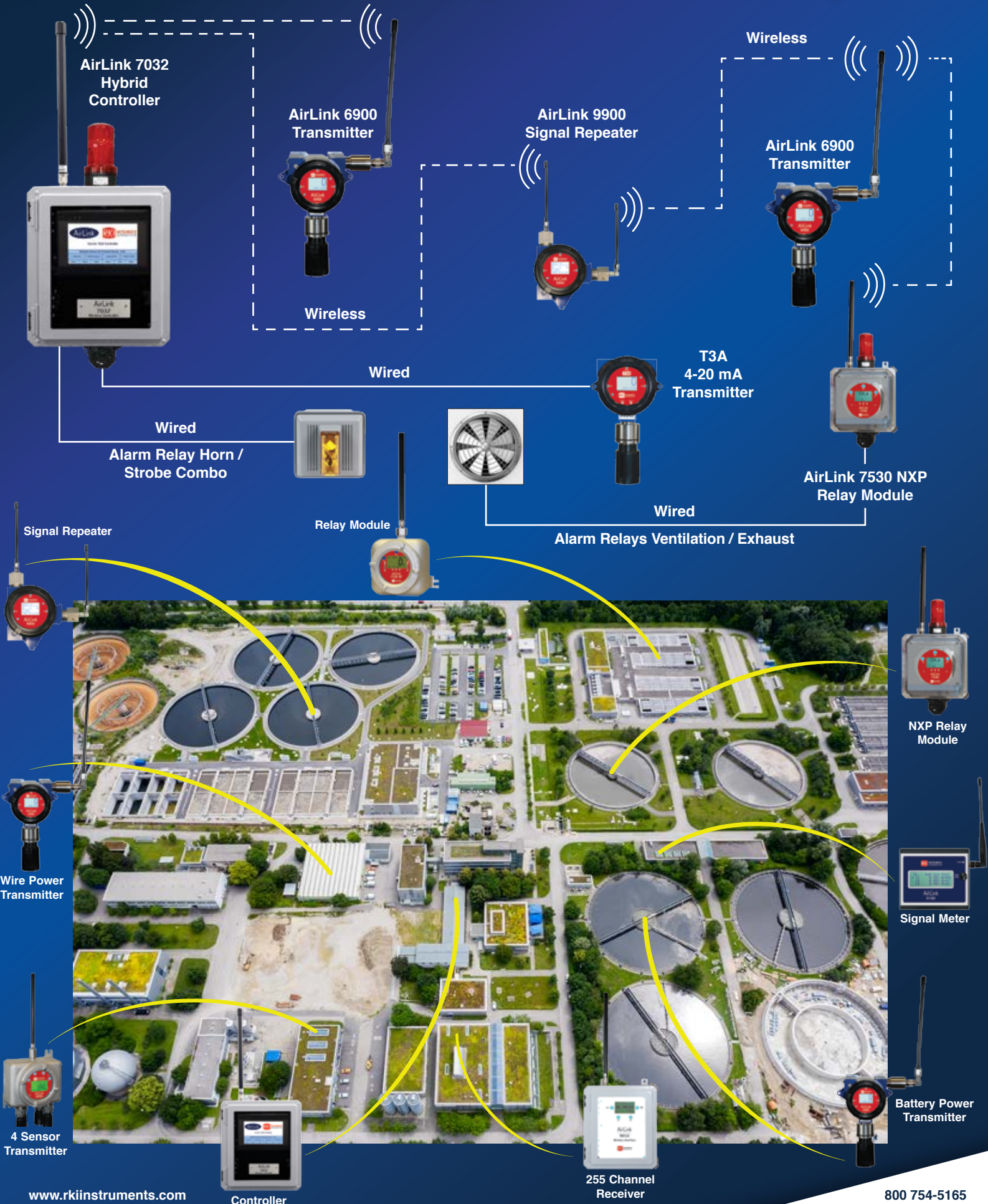


**Explosion Proof Transmitter  
AirLink T3A**

- 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**



# 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**



**Class 1, Div. 1 Horn**



**Class 1, 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	ClO2	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)				

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