



# LENS™ WIRELESS

How many times in a workday do you find yourself trying to do your job without all of the necessary information? How often does that lack of information put your safety at risk? When it comes to working with traditional gas detectors, you are often left to guess about what to do when an instrument starts beeping and flashing. Should you run toward an unidentified alarm to help a peer, or should you evacuate the area and call for help?

With LENS™ Wireless, you will have the information you need to take action in the moment. No more second guessing. No more putting your life in danger.

## Experience the Power of the Connected Worker

LENS Wireless is the first gas detection solution that allows personal monitors and area monitors to share gas readings and alarms with one another. Now when a gas hazard, man-down, or panic situation causes an instrument to alarm, all peers in the connected group will instantly be notified of the hazard and the person in danger. When seconds matter, you can rely on help from workers nearby, rather than a control room or call center hundreds of miles away.

Start Communicating with LENS Wireless  
[www.indsci.com/LENS](http://www.indsci.com/LENS)

## Safety Made Simple

Many wireless gas detection products on the market require site surveys, IT setup, extra equipment and license purchases, and extensive training. It's no wonder why many organizations have not even considered wireless as an option.

With LENS Wireless, forming a connected group of monitors is as simple as tapping two Ventis® Pro instruments together, or a Ventis Pro to a Radius™ BZ1 Area Monitor. Connect up to 25 devices to create a dynamic safety web across your worksite. LENSWireless adapts for organizations large and small within minutes. No IT setup. No infrastructure. No configuration.



Average time to deploy 25 LENS Wireless instruments  
(Joining 25 instruments into a group)

2 minutes

Average time to implement other wireless solutions  
(Instrument, IT, and central controller setup)

2 hours – 2 days



## Work Smarter and Safer

**Smarter, Faster Decisions** – By viewing peer readings and alarms on your own monitor, you will be able to make an informed decision about the hazard, allowing you to avoid needless evacuations or safely move to a designated muster point. There’s no need for a laptop or central controller to view peer readings in real time.

**Safer Emergency Response** – Make “would be” rescuer fatalities a thing of the past. First responders will know what workers in hazardous areas are exposed to—in real time, allowing them to properly equip themselves the first time, before attempting a rescue. Panic and man-down alarms will be relayed to the first responders if workers become injured or unresponsive.

**Better Site-Wide Communication** – Gas hazards are not just a local issue for the worker who is exposed. Explosive and toxic gases also pose a threat to those in the vicinity. With LENS Wireless, you have visibility into hazards happening up to a mile away, allowing you to take appropriate safety precautions when gas levels in the area approach dangerous levels.

## Get Started with LENS Wireless Today

Any Ventis Pro Series instrument purchased without wireless simply needs an upgrade card and firmware version 2.0 or greater to activate wireless.

### VENTIS PRO WIRELESS UPGRADE CARD

PART NO.	DESCRIPTION
18109494	Twenty-instrument upgrade card
18109493	Five-instrument upgrade card
18109492	One-instrument upgrade card

## The LENS Wireless Difference

- Share gas readings and alarms between Ventis Pro Series personal monitors and Radius BZ1 Area Monitors
- Enjoy out-of-the-box operation with no site surveys, IT setup, licenses, or additional infrastructure needed
- Identify peer alarm types in real time, enabling a faster, more appropriate response
- View gas readings from other peers in your group on any monitor without needing a central controller to relay the information
- Receive readings from up to 1.5 km (~1 mi) away with wireless hopping between instruments
- Activate the panic alarm on your personal monitor to notify all peers in your group of an emergency
- Depend on self-healing mesh networks to always stay connected, even if a single unit drops off

### SPECIFICATIONS\*

Optional LENS™ Wireless, proprietary mesh network  
 Frequency: ISM license-free band (2.405 - 2.480 GHz)  
 Max Peers: 25 devices per network group  
 Range: Ventis Pro: 100 m (300 ft) line of sight, face-to-face  
 Radius BZ1: 300 m (~1,000 ft) line of sight  
 Encryption: AES-128  
 Approvals: FCC Part 15, IC, CE/RED, others

\*See [www.indsci.com/wireless-certifications](http://www.indsci.com/wireless-certifications) for country-specific wireless approvals and certifications.