LENS WIRELESS

Work smarter and safer – Stay connected

How many times in a workday do you find yourself trying to do your job without all 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.

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 VentisTM Pro instruments together, or a Ventis Pro to a RadiusTM BZ1 Area Monitor. Connect up to 25 devices to create a dynamic safety web across your worksite. LENS Wireless 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 units within a group) – 2 minutes – Opposed to other wireless solutions – 2hrs to 2days.

KEY FEATURES

- **Share gas readings and alarms between Ventis Pro Series personal monitors and Radius BZ1 Area monitors**
- **Out-of-the-box operation with no site surveys, IT set-up, licenses or additional infrastructure needed**
- **Identify peer alarm types in real time, enabling a faster 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 1.5km 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.**

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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.

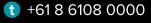## SPECIFICATIONS   Specifications subject to change without notice

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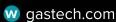
Ventis Pro Wireless upgrade card:

Part no:	18109494 –Twenty instrument upgrade card
	18109393 – Five instrument upgrade card
	18109492 – One instrument upgrade card
Frequency:	ISM license-free band (2.4GHz)
Max Peers:	25 devices per network per group
Ventis Pro range:	100m (300ft) line of sight, face to face
Radius BZ1 range:	300m (~1000ft) line of sight
Encryption:	AES-128
Approvals:	FCC part 15, IC, CE/RED, others

*See www.indisci.com/wireless-certifications for country-specific approvals and certification

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