



Ordering Guide



When it comes to choosing equipment to protect your worksite from gas hazards, rely on the Radius® BZ1 Area Monitor. No other area monitor protects your workers longer in the field with less setup, user training, and time in the shop.

- Detect up to seven gases using 15 sensor options including PID
- Longest running area monitor with a typical run time of 7 days (168 hours)
- Extended Run Time Power Supply can extend battery to over 1 month
- Intrinsically Safe Extended Run Time Power Supply can provide indefinite run time in hazardous locations
- Ultra-bright blue and red lights and attention-grabbing alarms with distinctive tones
- Audible alarms sound at 108 dB at 1 m to cut through high-noise environments
- Largest display of any area monitor on the market
- Intuitive text-based navigation and configuration
- Customizable alarm action messages such as "EVACUATE" or "VENTILATE"
- LENS™ Wireless enables communication between area monitors and Ventis® Pro Series personal monitors
- All-weather sensor deployment and 360-degree gas path for more accurate detection
- DualSense® Technology increases worker safety by using two sensors to detect the same gas



The Radius BZ1 is available with optional LENS Wireless. With LENS Wireless, your instruments will connect seconds after being turned on—with no need for setup or additional infrastructure. You will instantly receive real-time gas readings from other connected instruments on the network, helping your team react faster in emergency situations.



Introducing the Radius BZ1: Where **Tech** Meets **Tough**

Area monitors need two things to be successful: precise sensor technology to detect hazardous gases and the ruggedness to withstand long outdoor deployments. That combination has yet to be designed without compromise, until now.



SAFECORE®



RADIUS BZ1®

With the Radius BZ1, all critical technology pieces such as sensors, software, pumps, and wireless, live inside the patented SafeCore® Module. Smart sensors are positioned face down to prevent the elements from interfering with gas readings, resulting in fewer false alarms.

The module slides out from the Radius Base for easy docking and automated maintenance, ensuring that your sensors are always ready to provide accurate gas detection.

The Radius Base is made of a durable, weather-resistant plastic. The base has built-in audio and visual alarms that grab workers attention, even in high-noise environments. A large battery keeps the unit working as long as you do, and side-grip handles help make the base easy to move from location to location.

It has never been easier to keep your area monitors up and running in the field. The SafeCore Module and Radius Base work together to provide maximum gas detection ability, while simplifying the job of maintaining your area monitors.

SafeCore Modules Can Be Placed Into Any Base Allowing You to:

- Have a smaller fleet of instruments, e.g., one base and two rotating modules to ensure continuous uptime of instruments in the field.
- Easily dock the module on the DSX™ Docking Station to download data logs and alarm events, bump test, calibrate, and change settings.
- Adapt to your changing environment and reconfigure on the fly. Interchangeable modules allow you to switch from one sensor setup to another without needing more than one base. Or, switch from a non-pumped module to a pumped module to conduct confined space sampling.