

## THE USER-FRIENDLY, READY-TO-USE AREA MONITOR.

The BW RigRat is Honeywell's multi-gas area monitor. Fully self-contained, it will alert nearby workers to hazards in the zone while personal gas detectors monitor their breathing zone.

It is the perfect companion for lone workers. Its red and green visual alarms mean you can see at a glance whether the zone is safe. The 108dB audible alarm will alert you to danger even in the noisiest environments.

It is user-friendly, with a large screen that's tilted back so you can see it without ducking down. A shield keeps it visible in rain and snow, while a transparent cover protects it from dirt and other particles.

It is very easy to use: just install the Device Configurator app on a smartphone to choose alarm setpoints, check calibration data, send certificates by email and more, all from up to 5m away.

A pump is available for remote sampling.



## TECHNICAL DATA

**Size:** 15.8 x 11.4 x 18.5 in. / 40.0 x 29.0 x 47.0 cm

**Weight:** 17.6 lb / 8 kg

**Temperature:** -4 to +140°F (-20 to +60°C)

**Humidity:** 5 - 95% RH (non-condensing)

**Alarms:** Red/yellow/green LED alarm; buzzer alarm 108 dBA (1 m); on-screen indication of alarm condition

**Operating time:** 8 weeks for low-power model; other models vary by configuration

**Protection Class:** IP65 (pumped models); IP67 (diffusion mode)

**Approvals:** IEC EX/ ATEX I M1 Ex ia I Ma, II 2G Ex ia da IIC T4 Ga  
For LEL/IR/CO<sub>2</sub> sensor installed: I M1 Ex ia I Ma, II 2G Ex ia da db IIC T4 Gb, 1G Ex ia da IIC T4 Ga

**Warranty:** Full two year warranty

### SPECIFICATIONS:

- One-button operation
- Space for up to six interchangeable gas sensors
- Easy to configure via smartphone
- SolarPack charger (optional)
- Up to eight weeks of runtime
- Wireless safety perimeter
- Compatible with the TouchPoint Plus controller
- Noise and meteorological sensors (optional)

## SENSOR SPECIFICATIONS

Gas	Measuring Range	Resolution	Operating Temperature
▶ <b>Combustible (IR)</b>	0-100% LEL 0-100% vol.	1% LEL 0.1% vol.	-40 to +140° F -40 to +60° C
▶ <b>Combustible (LEL)</b>	0-100% LEL	1% LEL	-40 to +140° F -40 to +60° C
▶ <b>Carbon dioxide (CO<sub>2</sub>)</b>	0-5% vol. 100 ppm	0.01% vol. 100 ppm	-4 to +131° F -20 to +50° C
▶ <b>Carbon dioxide (CO<sub>2</sub>) Ext. Range</b>	0-100% vol	0.1% vol.	-4 to +131° F -20 to +50° C
▶ <b>Volatile organic compounds (VOC)</b>	0-2,000 ppm	0.1 ppm	-4 to +131° F -20 to +50° C
▶ <b>Carbon monoxide (CO)</b>	0-500 ppm	1 ppm	-40 to +140° F -40 to +60° C
▶ <b>Carbon monoxide (CO) Ext. Range</b>	0-2,000 ppm	10 ppm	-4 to +131° F -20 to +50° C
▶ <b>Carbon monoxide (CO) H<sub>2</sub> resistant</b>	0-1,000 ppm	5 ppm	-40 to +140° F -40 to +60° C
▶ <b>Hydrogen Sulfide (H<sub>2</sub>S)</b>	0-100 ppm	0.1 ppm	-40 to +140° F -40 to +60° C
▶ <b>Hydrogen Sulfide (H<sub>2</sub>S) Ext. Range</b>	0-1,000 ppm	1 ppm	-4 to +131° F -20 to +50° C
▶ <b>Sulfur dioxide (SO<sub>2</sub>)</b>	0-20 ppm	0.1 ppm	-40 to +140° F -40 to +60° C
▶ <b>Oxygen (O<sub>2</sub>)</b>	0-30% vol.	0.1% vol.	-40 to +140° F -40 to +60° C
▶ <b>Nitrogen monoxide (NO)</b>	0-250 ppm	0.5 ppm	-4 to +131° F -20 to +50° C
▶ <b>Nitrogen dioxide (NO<sub>2</sub>)</b>	0-20 ppm	0.1 ppm	-4 to +131° F -20 to +50° C
▶ <b>Hydrogen cyanide (HCN)</b>	0-50 ppm	0.5 ppm	-4 to +131° F -20 to +50° C
▶ <b>Ammonia (NH<sub>3</sub>)</b>	0-100 ppm	1 ppm	-4 to +131° F -20 to +50° C
▶ <b>Chlorine (Cl<sub>2</sub>)</b>	0-50 ppm	0.1 ppm	-4 to +131° F -20 to +50° C