

HONEYWELL BW™ RigRat

Transportable Multi-gas Area Monitor

Honeywell BW™ RigRat (Model BWRRp/BWRRd) Configuration Guide

HRR-	A	B	C	D	E	F	G	H	J	K-	M	N	O
• BW RigRat	• Base Unit Type	• Certificate of IS	• Always 0	• Wireless Options	• Sensor 1	• Sensor 2	• Sensor 3	• Sensor 4	• Sensor 5	• Sensor 6	• Extended Functions	• Kits	• Always 0

A Base Unit Type													
A Basic diffusion: BLE only													
B Basic pump: BLE only													
C Enhanced diffusion: Input/Output + wireless													
D Enhanced Pump: Input/Output + wireless													
E Basic diffusion: BLE only + Noise Sensor													
F Basic pump: BLE only + Noise Sensor													
G Enhanced diffusion: Input/Output + wireless + Noise Sensor													
H Enhanced pump: Input/Output + wireless + Noise Sensor													
B Certification of Intrinsic Safety													
1 Global and Regional													
2 China													
C Wireless Certification													
0 Always Zero													
D Wireless Options													
0 None (BLE default for all versions)													
1 Mesh 900MHz													
2 Mesh 868MHz (Portables Systems)													
3 Mesh 2.4GHz (MeshGuard System)													
4 Wi-Fi													
5 Mesh 900MHz for INMETRO													
6 Mesh 865.6MHz&866.4MHz (India)													
7 Mesh 869M (Russia)													
8 LORA 868MHz													
F NBIOT ***													
Sensor Options													
0 Dummy Sensor													
NDIR Sensors													
1 Ex NDIR (0-100% LEL) Low Power													
2 Ex NDIR (0-100% VOL) Low Power													
3 Ex NDIR (0-100% LEL) SIL I													
4 Ex NDIR (0-100% VOL) SIL I													
5 CO ₂ NDIR (up to 50,000 ppm)													
PID Sensor													
7 PID 10.6eV 0-2000 ppm													
Catalytic LEL													
9 Catalytic LEL (0-100% LEL)													
Electrochemical Sensors													
A CO - Carbon monoxide (0-500 ppm)													
B H ₂ S** - Hydrogen sulphide (0-100 ppm)													
C H ₂ S (HR)** - Hydrogen sulphide (0-1000 ppm)													
D SO ₂ - Sulfur dioxide (0-20 ppm)													
E NO* - Nitrogen oxide (0-250 ppm)													
F NO ₂ - Nitrogen dioxide (0-20 ppm)													
G HCN - Hydrogen cyanide (0-50 ppm, 0.5ppm)													
H NH ₃ * - Ammonia (0-100 ppm, 1 ppm)													
J Cl ₂ ** - Chlorine (0-50 ppm)													
K O ₂ - Liquid oxygen (0-30% Vol.)													
L PH ₃ - Phosphene (0-20 ppm, 0.1 ppm)													
M CO (HR) - Carbon monoxide (0-2000 ppm)													
N CO (-H ₂) - Carbon monoxide (0-2000 ppm)													
P ETO-A - Ethylene oxide A (0-100PPM)													
Q ETO-B - Ethylene oxide B (0-10PPM, 0.1PPM)													
R ETO-C - Ethylene oxide C (0-500PPM)													
S HCHO - Formaldehyde (0-10PPM, 0.01PPM)													
T CH ₃ -SH - Methanethiol (0-10PPM, 0.1PPM)													
U PH ₃ -H - Phosphene (0-20PPM 0.1PPM)													
V H ₂ - Hydrogen (0-1000PPM)													
W HF - Hydrogen fluoride (0-10PPM, 0.1PPM)													
Y ClO ₂ - Chlorine dioxide (0-1PPM, 0.03PPM)													
Z COCl ₂ - Phosgene(0-1PPM, 0.02PPM)													
M Extended Functions													
0 None													
1 GPS (N/A on 2.4GHz)													
N Kits													
0 Unit Only													

If the instrument is ordered with fewer than 6 sensors, a dummy sensor must be installed in the empty sensor slot(s).

RigRat must be ordered with a minimum of 1 sensor installed

When ordering electrochemical sensors, please select the lower number first

Sensors cannot be installed in black marked slots.

* NO and NH₃ Cannot be installed in the same instrument

** Cl₂ and H₂S, H₂S-HR cannot be installed in the same instrument

Please refer to Technical Note TN114 for cross interference between electrochemical sensors

Catalytic LEL must be ordered in conjunction with an oxygen sensor

***need GPS extended function when you select NBIOT

GPS is NOT available on 2.4GHz wireless devices.

Example:

Honeywell BW™ RigRat, Enhanced pump: I/O+wireless+Noise, BLE, Mesh 868MHz, CO₂ NDIR (up to 50,000 ppm), PID 10.6eV, Catalytic LEL (0-100% LEL), H₂S - Hydrogen Sulphide (0-100 ppm), O₂ - Liquid Oxygen (0-30% Vol.), CO (-H₂) - Carbon Monoxide (0-2000 ppm), GPS, Unit Only

HRR-	H	1	0	2	5	7	9	B	K	N-	1	0	0
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