	S PECIFICATIONS									
Rig Rat III Multi-Point Wireless	System: Signal Transmission:	on: 2.4 GHz licence free, ISM band spread-spectrum RF transceiver. User-settable discrete codes.								
Gas Detection System		Up to 1.8 mi. / 3 km, depending upon antenna configuration								
Gases Monitored: Change the gas monitored and/or the measuring range at any time. Combustible Gases/Vapors	GAS DETECTOR: Power: Battery Life: Recharge:	er: 12 volt, 3.4 amp hr. rechargeable battery e: Up to 30 days, without active recharge (dependent on sensors) e: Via solar power; line (24 VDC direct, 110/230 VAC) or bench chargers								
Oxygen Toxics: Ammonia Carbon Monoxide Chlorine Chlorine Dioxide	Audible Alarm:									
Ethanol	Other Alarms:									
Ethylene Oxide Hydrogen Hydrogen Chloride	LCD DISPLAYS: Gas ppm or %: Status Indicators Advise:	Two continuous, alphanumeric gas readouts and status displays: Simultaneously and continuously displays gas concentration (s) present								
Hydrogen Cyanide Hydrogen Sulfide Nitric Oxide Nitrogen Dioxide	CONTROLS:	Three: 1. Power ON/OFF 2. Transmitter (XMTR) DISABLE 3. Transmission TEST								
Ozone Sulfur Dioxide		Two sensor ports; two option ports; charger port; TNC antenna port Keylock access to control panel								
 Power Independence: The following sensor configuration lists the duration of the internal, rechargeable battery life (per charge): 2 toxic sensors: Up to 30 days 1 toxic, 1 LEL: Up to 5 days 	Humidity: Size:	By the detector 5% to 95% RH (non-condensing)								
2 LEL sensors: Up to 3 days Note: Battery life will vary depending on transmission interval.	Type: Powered: Humidity:									
Order Information	Temperature Range:	Combustibles: -40 to +50 °C / -40 to +122 °F Hydrogen Sulfide: -40 to +50 °C / -40 to +122 °F								
For full system order information and system configuration, contact BW Technologies.	Physical:	Ammonia: -25 to +35 °C / -13 to +95 °F Other toxics and oxygen: -20 to +50 °C / -4 to +122 °F Toxic/O ₂ : stainless steel, Nema 4								
(standard) comes with one 5 DBi antenna.	-3000: Rig Rat III Wireless Gas Detector Combustible: m									
	Warranty:		g all sensors (except NH ₃ and PH ₃ - 1 year)							
RR-3000S: Rig Rat III Non-Wireless Gas Detector comes complete with all standard Rig Rat III	Gas Monitoring Specifications									
components, except antenna and transceiver.	Combustibles (encapsulated)	1 % LEL	Units %	#=1 0-100	#=2	#=3	#=4	#=5	#=6	
RR-3C04: Rig Rat III 4-Channel Controllers are	Hydrogen Sulfide	1 ppm	ppm	0-100	0-50	0-500	0-20	0-30		
capable of simultaneous display and annunciation of up to 8 remotely located sensors.	Sulfur Dioxide	1 ppm	ppm	0-100	0-50	0-20	0-10			
RR-3CMBUS: RS485 MODBUS output module.	Ammonia	1 ppm	ppm	0-50	0-100			0-150		
	Carbon Monoxide	1 ppm	ppm	0-500	0-1000	0-100	0-50	0-200	0-600	
RR-REP1-4: Rig Rat Repeater re-transmits wireless signal from four (4) detectors to controller.	Chlorine	0.1 ppm	ppm	0-5.0	0-10.0	0-100				
	Oxygen	0.1% %v/v 0-25.0% 0-30.0%								
	Other Gases	Contact BW Technologies								



0.1 ppm	ppm	0-5.0	0-10.0	0-100						
0.1%	%v/v	0-25.0%	0-30.0%							
Contact BW Technologies										
 Standard controller (RR-3C04) for up to 4 Rig Rat III detectors Modbus (RS - 485) - optional Discretely coded radio signals from each detector er: 110 VAC; 230 VAC (selectable) ip: Two 12 VDC rechargeable batteries (normal operation: up to 4 hrs.) S: ai: LCD displays alarm level present. sensor affected and alarm type 										
85 dB at 3 ft. / 1 m (typical)										
Four (4) SPDT relays; 10 amp @ 110 VAC/24 VDC, 8 amp @ 230 VAC										
LEDs (four / channel): 2 alarm indicators, 1 fault, 1 channel enable One ON/OFF switch; one ENABLE/DISABLE switch per channel and one momentary reset/test switch										
	0.1% Contact BW Tr Standard control Modbus (RS - 48 Discretely coded 110 VAC; 230 V/ Fwo 12 VDC rec CD displays ala 35 dB at 3 ft. / 1 Four (4) SPDT re LEDs (four / chai Dne ON/OFF sw	0.1% %v/v Contact BW Technolo Standard controller (RR- Modbus (RS - 485) -opti Discretely coded radio s 110 VAC; 230 VAC (sele Fwo 12 VDC rechargeat CD displays alarm leve 35 dB at 3 ft. / 1 m (typic Four (4) SPDT relays; 10 .EDs (four / channel): 2 Dne ON/OFF switch; on	0.1% %v/v 0-25.0% Contact BW Technologies Standard controller (RR-3C04) for u Modbus (RS - 485) -optional Discretely coded radio signals from 110 VAC; 230 VAC (selectable) Fwo 12 VDC rechargeable batteries CD displays alarm level present, s 35 dB at 3 ft. / 1 m (typical) Four (4) SPDT relays; 10 amp @ 11 LEDs (four / channel): 2 alarm indic Discourd (2) CONT	0.1% %v/v 0-25.0% 0-30.0% Contact BW Technologies Standard controller (RR-3C04) for up to 4 Rig I Modbus (RS - 485) -optional Discretely coded radio signals from each detected Discretely coded radio signals from each detected Output Modbus (RS - 485) -optional Discretely coded radio signals from each detected Discretely coded radio signals from each detected Output Mod UAC; 230 VAC (selectable) Fwo 12 VDC rechargeable batteries (normal option CD displays alarm level present, sensor affect Stat 3 ft. / 1 m (typical) Four (4) SPDT relays; 10 amp @ 110 VAC/24 EDs (four / channel): 2 alarm indicators, 1 fau Displays of the only of th	0.1% %v/v 0-25.0% 0-30.0% Contact BW Technologies Standard controller (RR-3C04) for up to 4 Rig Rat III de Modbus (RS - 485) -optional Discretely coded radio signals from each detector I10 VAC; 230 VAC (selectable) Fwo 12 VDC rechargeable batteries (normal operation: 2CD displays alarm level present, sensor affected and a 85 dB at 3 ft. / 1 m (typical) Four (4) SPDT relays; 10 amp @ 110 VAC/24 VDC, 8 a LEDs (four / channel): 2 alarm indicators, 1 fault, 1 cha 20ne ON/OFF switch; one ENABLE/DISABLE switch pe	0.1% %v/v 0-25.0% 0-30.0% Contact BW Technologies Standard controller (RR-3C04) for up to 4 Rig Rat III detectors Modbus (RS - 485) -optional Discretely coded radio signals from each detector I10 VAC; 230 VAC (selectable) Fwo 12 VDC rechargeable batteries (normal operation: up to 4 hilds) CD displays alarm level present, sensor affected and alarm type 35 dB at 3 ft. / 1 m (typical) Four (4) SPDT relays; 10 amp @ 110 VAC/24 VDC, 8 amp @ 23 LEDs (four / channel): 2 alarm indicators, 1 fault, 1 channel enable Dne ON/OFF switch; one ENABLE/DISABLE switch per channel	0.1% %v/v 0-25.0% 0-30.0% Contact BW Technologies Standard controller (RR-3C04) for up to 4 Rig Rat III detectors Modbus (RS - 485) -optional Discretely coded radio signals from each detector 110 VAC; 230 VAC (selectable) Fwo 12 VDC rechargeable batteries (normal operation: up to 4 hrs.) CD displays alarm level present, sensor affected and alarm type 35 dB at 3 ft. / 1 m (typical) Four (4) SPDT relays; 10 amp @ 110 VAC/24 VDC, 8 amp @ 230 VAC LEDs (four / channel): 2 alarm indicators, 1 fault, 1 channel enable Din ON/OFF switch; one ENABLE/DISABLE switch per channel and one			

