



RAEPoint For ConneXt

Fixed Wireless Router

RAEPoint for ConneXt is a permanently mounted wireless router for RAE Systems wirelessly-enabled gas monitoring systems. The RAEPoint operates as a router in hazardous areas to route gas monitors' data to a PC-based ProRAE Guardian host controller or EchoView Host handheld controller. A single RAEPoint can support up to 50 compatible gas monitors in various configurations.

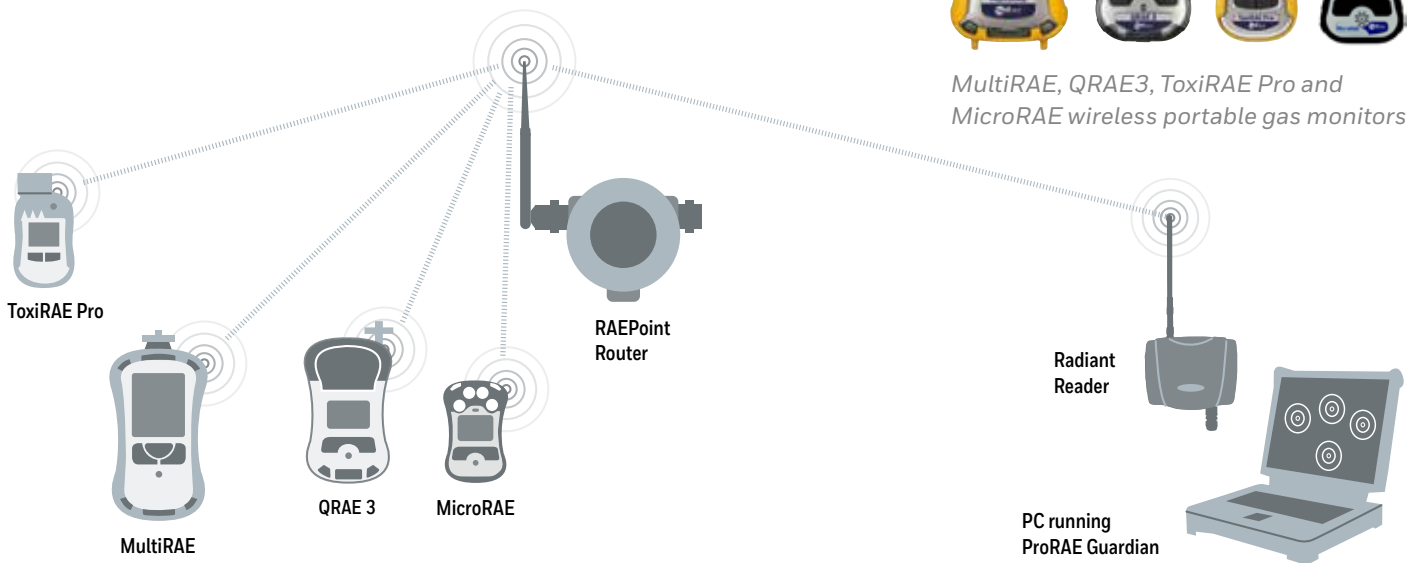
Applications

- Industrial safety
- Worker exposure monitoring
- Environmental
- Plant safety



MultiRAE, QRAE3, ToxiRAE Pro and MicroRAE wireless portable gas monitors

RAEPoint For ConneXt Simple PC Configuration

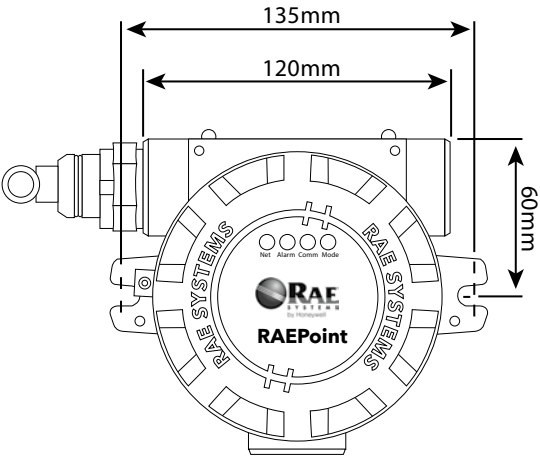


FEATURES & BENEFITS

- Supports up to 50 compatible gas monitors
- Continuously powered by standard 12 to 28VDC input
- Explosion-proof enclosure for hazardous environment applications
- DC-powered permanent mount wireless router for mesh network system
- Hazardous-area certification
- Wireless transmission distance of 1000 ft (300m) point-to-point. Range can be extended by using multiple RAEPoints to relay the signal
- Class I, Division 1 (ATEX Zone 1) hazardous area certification
- Transmits wireless data from compatible wireless enabled gas monitors
- Functions as a wireless router, extending the range of a wireless mesh network

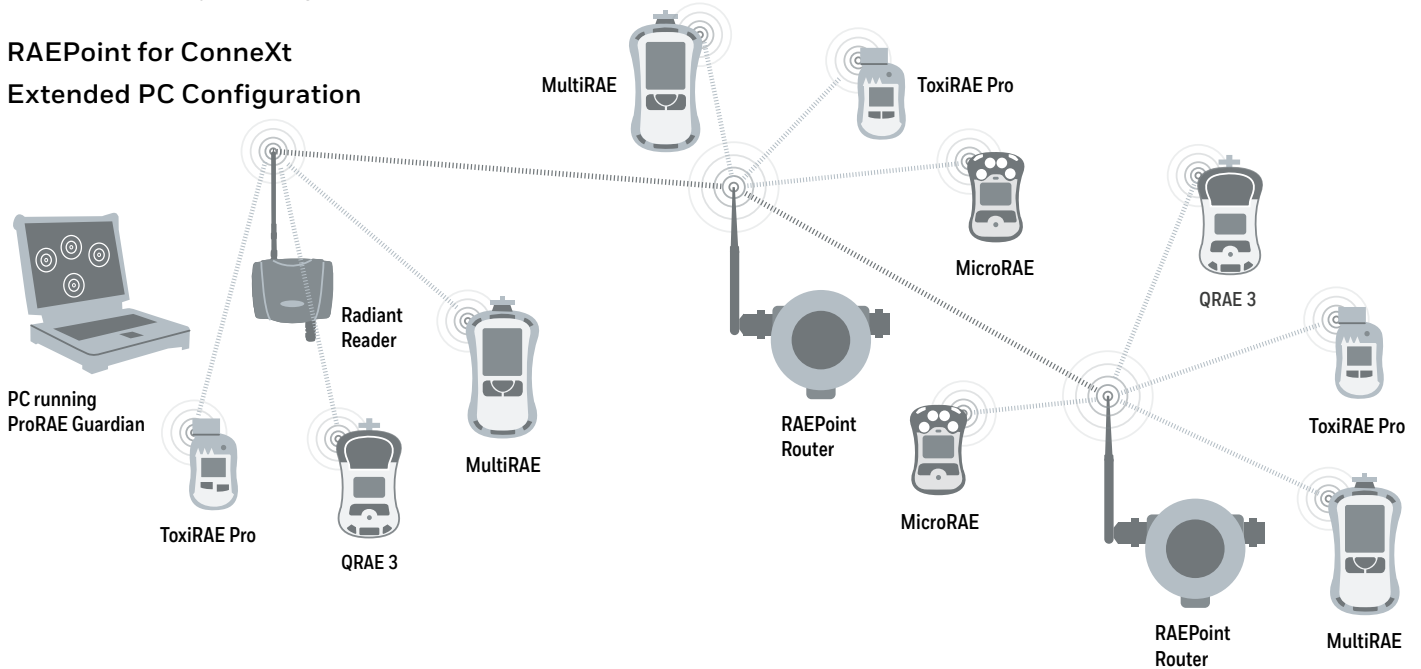
RAEPoint For ConneXt Specifications

RAEPOINT SPECIFICATIONS	
INPUT/OUTPUT POWER	Input: 2.4W Input: 12-28VDC
RADIO TYPE	RM900A
FREQUENCY & APPROVALS	868 or 900 Mhz ISM license-free band FCC Part 15 CE R&TTE (1999/5/EC)
TRANSMISSION RANGE	1000 ft (300m) typical
IP RATING	IP-65
MECHANICAL INTERFACE	3/4" NPT female
INSTALLATION	2" pipe-holding or wall mounting
TEMPERATURE	Certified to -4° F to 131° F (-20° C to +55° C)
PRESSURE	0 to 95% relative humidity, non-condensing
PRESSURE	90 to 110kPa
DISPLAY	4 LEDs (Network, Alarm, Communication, Mode)
DIMENSIONS	10.1" x 7.9" x 4.2" (257 x 201 x 107 mm)
HOUSING MATERIAL	Aluminum
WEIGHT	7.7 lbs (3.5 kg)
SAFETY CERTIFICATION	IECEX: Ex d ia IIC T6, Gb ATEX: II 2G, Ex d ia IIC T6 Gb cCSAus: Class I, Division 1 Group A,B,C,D T6



Specifications are subject to change

RAEPoint for ConneXt Extended PC Configuration



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