EchoView Host

Mini-Controller for Closed-Loop Wireless Solutions for Portable Gas Monitors

The EchoView Host mini-controller is the cornerstone of RAE Systems’ Closed-Loop Wireless Solutions for portable gas monitors. This rugged handheld device can establish a self-contained wireless network with up to eight supported RAE Systems portable monitors and display their readings and alarm status in real time on an easy-to-read screen.

RAE Systems’ Closed-Loop Wireless Solutions provide safety professionals real-time access to the readings and alarm status of workers’ gas monitors to enable faster incident response. Safety officers who may not be directly at the scene can now have the same real-time visibility as those in the “hot zone.”

**KEY FEATURES**
- Establishes a closed-loop wireless network with and displays real-time readings and alarm status of up to eight portable gas monitors at the same time
- Communication range extendable to 0.6 mi (1 km) with Mesh Routers
- Field-replaceable battery with a 10-day runtime
- Bright-red high-visibility alarm lights
- Loud audible alarm, 90dB @ 30cm
- Highly-resistant to electromagnetic and radio interference
- IP-65 water and dust ingress protection rating

**APPLICATIONS**
- Remote wireless access to real-time readings and alarm status of portable gas monitors for faster incident response
- Supported wireless gas monitors:
  - ToxiRAE Pro single-gas monitor family
  - QRAE 3 4-gas pumped and diffusion monitor family
  - MultiRAE multi-gas/multi-threat monitor family
- Intrinsically safe for Class I, Division 1 hazardous environments

Mesh Router extends the communications range between the EchoView Host and gas monitors

ToxiRAE Pro, QRAE 3 and MultiRAE wireless portable gas monitors
EchoView Host

Mini-Controller for Closed-Loop Wireless Solutions for Portable Gas Monitors

SPECIFICATIONS*

Size 10.5" L x 3.7" W x 2.1" H (26.5 cm x 9.5 cm x 5.5 cm)
Weight 1.3 lbs (0.6 kg)
Visual Alarm 2 super-bright red LED lights
Audible Alarm 90dB @ 30cm
Wireless Network RAE Systems Dedicated Wireless Network
Wireless Frequency ISM license-free bands
Wireless Range (Typical) 330 feet (100 meters) - EchoView to ToxiRAE Pro, QRAE 3 and MultiRAE
Keypad Three operation and programming keys
Display Backlit LCD (1" x 1.5" / 72mm x 108mm)
Power Supply Disposable Lithium battery
Operating Time 10 days, 24/7
Operating Temperature -4° to 122° F (-20° to +50° C)
Humidity 10% to 90% relative humidity, non-condensing
IP Rating IP-65
Certifications US and Canada: Class I, Division 1, Groups A, B, C and D, T4
Europe: ATEX IM1/II 1G Ex ia I/IC T4
RAE Ex ia I/IC T4
RF Certifications FCC Part 15, CE. Contact manufacturer for country-specific wireless certification
Warranty 1 year

*SPECIFICATIONS are subject to change.

RAE SYSTEMS’ CLOSED-LOOP WIRELESS SOLUTIONS FOR PORTABLE GAS MONITORS WITH ECHOVIEW HOST MINI-CONTROLLER

Range Extension with Mesh Routers

Mesh Router Enhances the Flexibility of the Wireless Solution

ORDERING INFORMATION

EchoView Host: F04-Axx1-100
Mesh Router: F04-Bxx1-100
Refer to the Portables Pricing Guide for specific part numbers

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