



# 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."

- 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

## 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

- Aircraft maintenance (wing tank entry)
- Confined space entry
- Environmental
- Fire service
- HazMat response
- Refinery turnarounds

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



ToxiRAE Pro, QRAE 3 and MultiRAE wireless portable gas monitors



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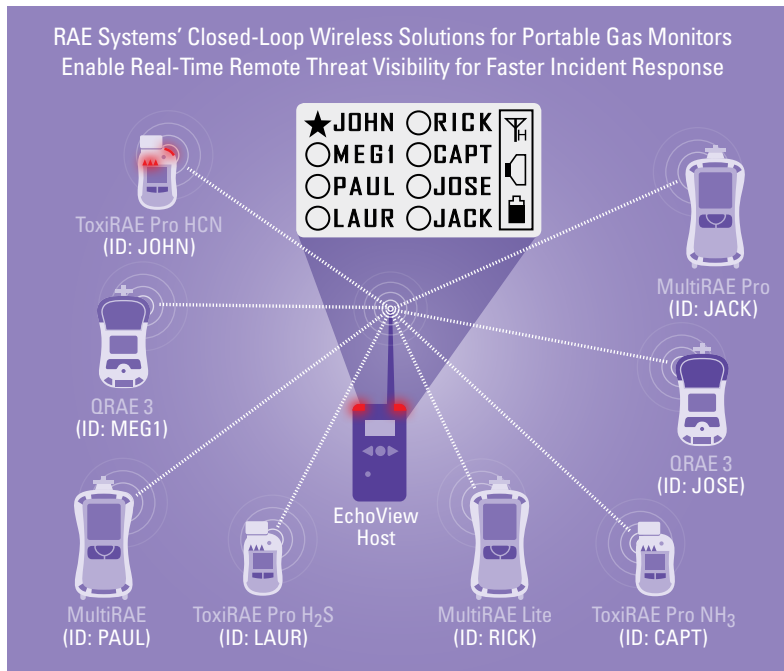
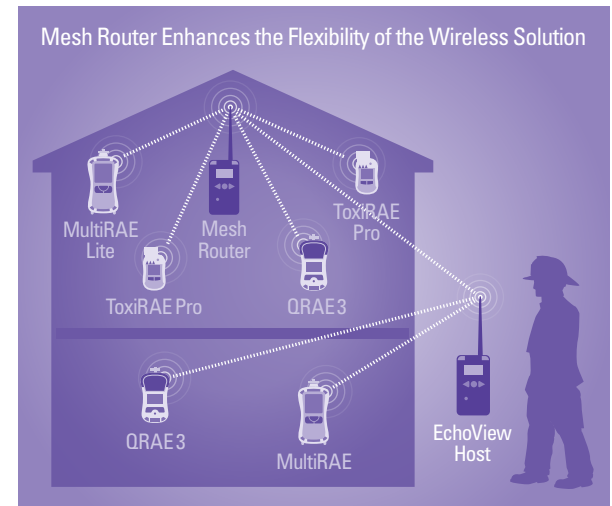
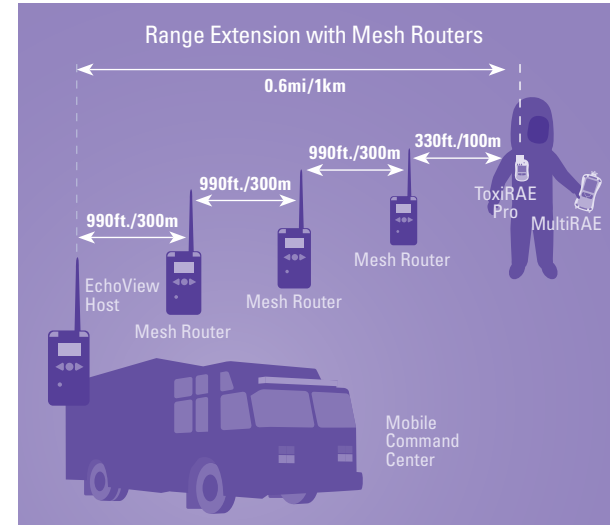
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## SPECIFICATIONS\*

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)	990 feet (300 meters) - EchoView to Mesh Router 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/IIC T4 IECEX Ex ia I/IIC 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



## ORDERING INFORMATION

EchoView Host: F04-Axx1-100

Mesh Router: F04-Bxx1-100

Refer to the Portables Pricing Guide for specific part numbers

### CORPORATE HEADQUARTERS

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