



# EchoView Host

Mini-Controller Wireless Solution for Portable Gas Monitors



The EchoView Host is a mini-controller that creates a self-contained intelligent wireless network that supports up to 8 monitors. The easy-to-read display allows connected devices' names to be customized for easy identification of the real-time readings. The EchoView Host provides immediate remote notification of alarm conditions to keep workers informed, connected and protected.

## KEY FEATURES

- Creates a self-contained intelligent wireless network that supports up to 8 monitors
- 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

- 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 multi-gas monitor family
  - MultiRAE multi-gas monitor family
- Intrinsically safe for Class I, Division 1 hazardous environments

ToxiRAE Pro, QRAE 3 and MultiRAE wireless portable gas monitors



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



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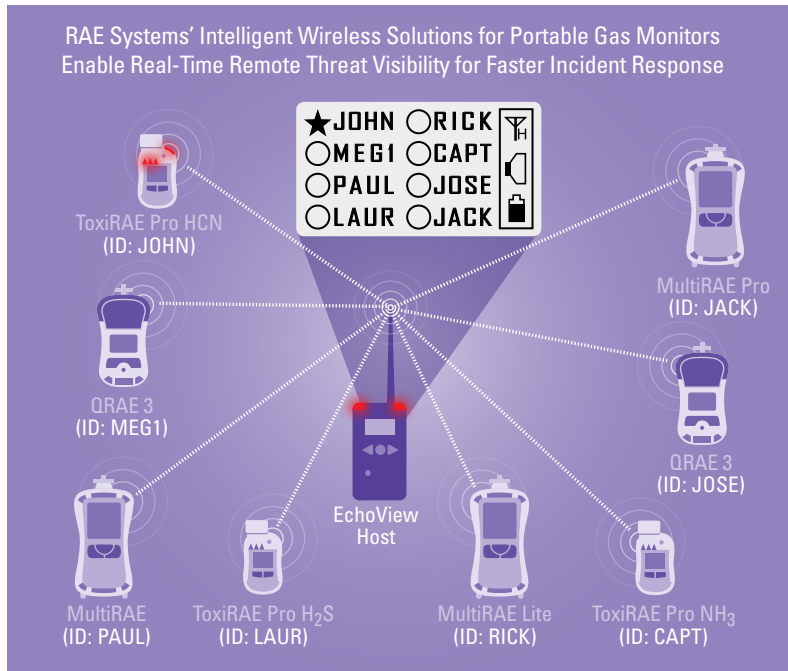


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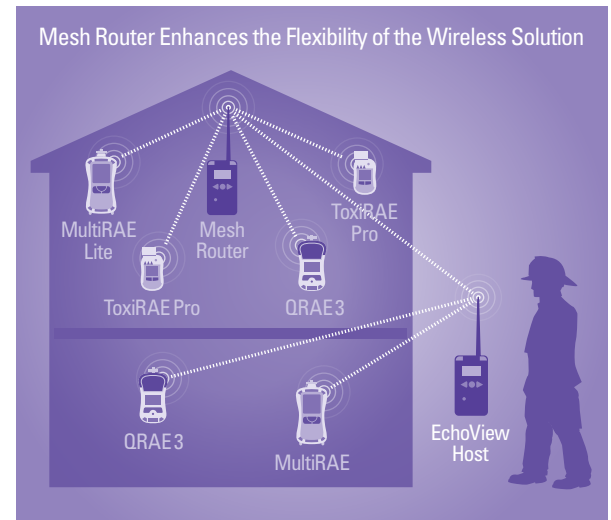
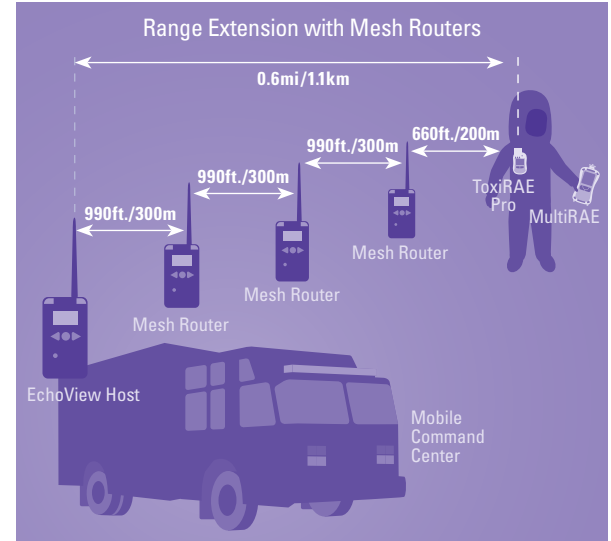
## SPECIFICATIONS

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 Range (Typical)	990 feet (300 meters) - EchoView to Mesh Router 660 feet (200meters) - EchoView to ToxiRAE Pro, QRAE 3 and Multi-RAE
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
Safety 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
Warranty	1 year
Wireless Frequency	ISM license free band, IEEE 802.15.4 Sub 1GHz
Wireless Approvals	FCC Part 15, CE R&TTE, Others <sup>1</sup>
Radio Module	Supports RM900

<sup>1</sup> Contact RAE Systems for country specific wireless approvals and certificates. 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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