RAE SYSTEMS by Honeywell

Wireless Alarm Bar

Alert Notification System for MeshGuard Monitors

AC   DC

The Wireless Alarm Bar communicates with the MeshGuard product family network. Each alarm bar comes with a pair of xenon strobe lights and a 110 dB horn to provide remote notifications of hazards in a work environment.

A Wireless Alarm Bar can be configured as a Remote device that connects to the FMC 2000 controller. When configured as a Remote device, the alarm bar will mirror the alarm settings in the controller. When the Wireless Alarm Bar is configured as a Host device, it becomes a stand-alone alert notification system that communicates directly with the remote monitors in a Mesh network.

- Wirelessly triggers alarm notification in hazardous environments
- Hazardous area certification
- Functions as a wireless router, extending the range of a wireless mesh network
- Can act as a wireless system host by communicating directly with MeshGuard gas monitors
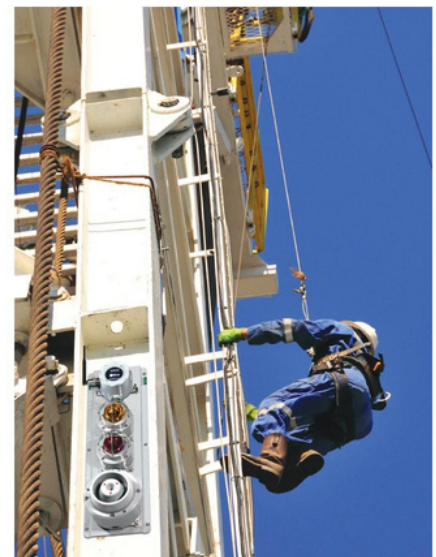
KEY FEATURES

- Turn-key wireless alarm bar solution, mounted and pre-wired with two xenon lights and a 110dB horn
- Wireless transmission distance of 1,000 ft (300m) point-to-point. Range can be extended by using additional RAEPoint Wireless Relays
- Continuously powered by standard 12-28VDC input (DC version) or 110 AC (AC version)
- Explosion-proof enclosure for hazardous environment applications:
  - Class I, Division 1, ATEX Zone 1 (DC Version)
  - Class I, Division 2 (AC Version) hazardous area certification

APPLICATIONS

- Oil and gas exploration
- Pulp and paper industry
- Refineries and petrochemical plants
- Fenceline monitoring

Wireless Alarm Bar provides remote notifications of hazards for employee safety.

Wireless   IECEx   ATEX   CSA us   CE   FCC   ISO 9001 CERTIFIED

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SPECIFICATIONS

DC Wireless Alarm Bar Specifications

Input Power	Input: 12 to 28VDC, 35W Max
Wireless	2.4 GHz ISM-band, IEEE 802.15.4 / Mesh Radio
Transmission Range	1,000 ft (300m) typical
IP Rating	IP-65
Mechanical Interface	3/4" NPT Male
Installation	Wall mounting
Temperature	-4° F to 131° F (-20° C to +55° C) (Certified)
Humidity	0 to 95% relative humidity, non-condensing
Pressure	90 to 110kPa
Status Indicator	4 LEDs (Network, Alarm, Communication, Mode)
Dimensions	27.2" L x 9.0" W x 9.5" H (690 x 228 x 240 mm)
Housing Material	Aluminum
Weight	33 lbs (15 kg)
Safety Compliance	ATEX: Ex II 2G, Ex d ia IIC T6 Gb
Wireless Certification	FCC Part 15 R&TTE directive (1999/5/EC) (Contact RAE Systems for other countries)
Strobes	Two 5 Joule xenon strobes (yellow & red) Peak Intensity: 19103 Cd (yellow), 3332 Cd (red) Material: LM25 TF Marine-grade alloy
Sounder	110 dBA at 3 ft (1 m) Material: LM25 TF Marine-grade alloy with ABS flare

AC Wireless Alarm Bar Specifications

Input Power	Input: 110 VAC 60 HZ, 35W Max
Wireless	2.4 GHz ISM-band, IEEE 802.15.4 / Mesh Radio
Transmission Range	1,000 ft (300m) typical
IP Rating	IP-65
Mechanical Interface	3/4" NPT Male
Installation	2" pipe-holding or wall mounting
Temperature	-4° F to 131° F (-20° C to +55° C)
Humidity	0 to 95% relative humidity, non-condensing
Pressure	90 to 110kPa
Status Indicator	4 LEDs (Network, Alarm, Communication, Mode)
Dimensions	34.5" L x 20.5" W x 9.0" H (870 x 520 x 232 mm)
Housing Material	Aluminum
Weight	44 lbs (20 kg)
Safety Compliance	UL: Class I, Division 2 Group A,B,C,D
Wireless Certification	FCC Part 15 R&TTE directive (1999/5/EC) (Contact RAE Systems for other countries)
Strobes	Two 15 Joule xenon strobes (yellow & red) Peak Intensity: 3840,800 Cd (yellow), 62,400 Cd (red) Material: Glass-reinforced polyester
Sounder	110dBA at 3 ft (1 m) Material: LM25 TF Marine-grade alloy with ABS flare

Remote Configuration

DC Wireless Alarm Bar Remote

FMC 2000 Controller

MeshGuard LEL Detector

MeshGuard H_2S Detector
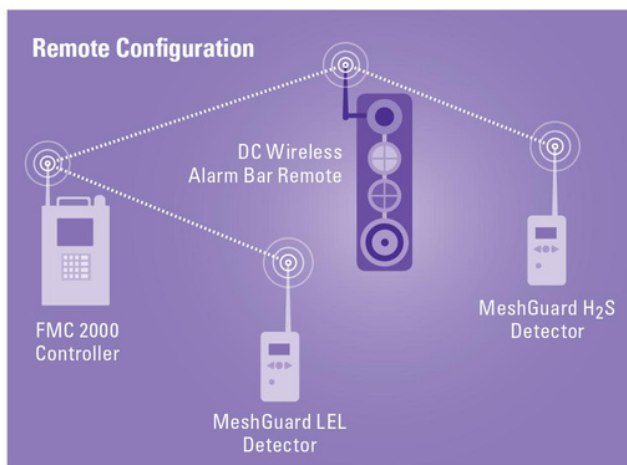
ORDERING OPTIONS

- Can be ordered as a Remote or Host (reconfigurable).
- Configuration as AC- or DC-powered.

ORDERING INFORMATION

All Wireless Alarm Bar units include: RAEPoint Fixed Wireless Relay (with five internal relays), red xenon light, yellow xenon light, 110dBA horn, mounting plate, antenna removal tool, housing cover removal tool, user's guide.

F08-0011-020 KIT, AC Wireless Alarm Bar, Remote, 2.4GHz

F08-0011-010 KIT, DC Wireless Alarm Bar, Remote, 2.4GHz

F08-0001-010 KIT, DC Wireless Alarm Bar, Remote, 2.4GHz, ATEX/IECEX

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Marine Maju Mandiri Official Store

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