

FMC 2000

Wireless Multi-Channel Controller



The RAE Systems FMC 2000 is a multi-channel controller – with a built-in wireless modem – designed for integration with RAE Systems’ MeshGuard intelligent network of connected sensors.

The FMC 2000 is the command and-control element of the MeshGuard system that gathers data and monitors alarms from MeshGuard toxic and flammable gas monitors.

The built-in wireless modem automatically links with MeshGuard monitors, and the controller has built-in security safeguards to resist tampering.

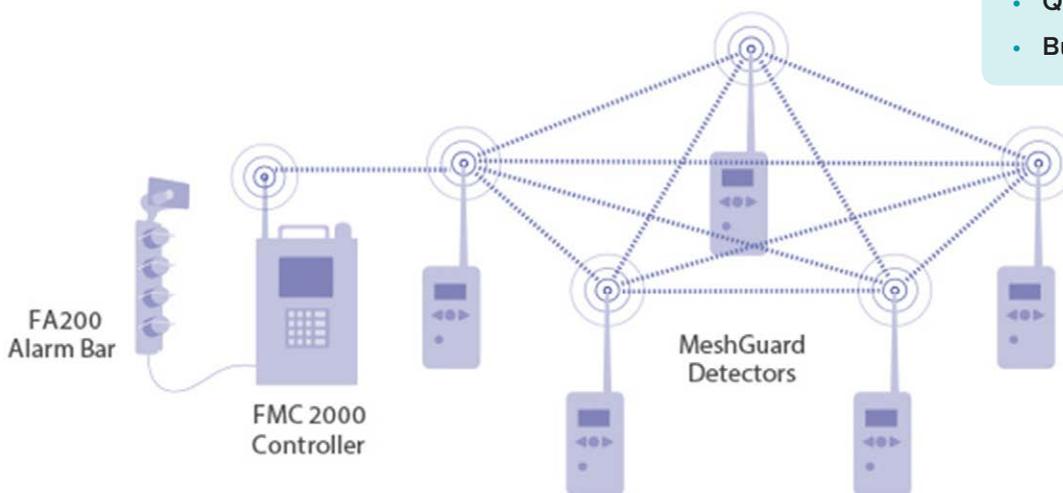
The FMC 2000 controller can monitor up to 24 wireless MeshGuard detectors and contains five programmable relays that can trigger external alarms

or process controls – more than capable of helping you manage a large fleet of instruments.

An optional element of the MeshGuard system is the FA200 Alarm Bar with quick connector. The alarm device comes with one audible and four visual alarm outputs, and the alarm logic is fully configurable from the FMC 2000 multi-channel controller. The high volume alarms and sirens make it ideal for noisy industrial settings.

KEY FEATURES

- Built-in wireless modem for use in MeshGuard networks
- Manages up to 24 channels
- Guaranteed 12hr run-time
- Five programmable SPDT relay outputs
- RS-485 and Ethernet interface
- Simple, intuitive operation
- Backup battery for up to 15hrs of operation
- Built-in data logging
- Stainless steel enclosure
- Quick and easy installation
- Built-in data logging



FMC 2000 Controller Supports up to 24 MeshGuard Detectors

FMC 2000

The FA200 Alarm Bar

**SPECIFICATIONS** Specifications subject to change without notice

Size	24 x 40 x 9.3 cm / 9.5" x 15.7" x 3.7" in.
Weight	6.5kg / 14.3lbs excluding mounting plate
LCD Display	5.7" 320 x 240 black/white graphic with backlight
Audible alarm	95dB @ 12" (30cm)
Visual alarm	Super bright red LED with enclosed cover
Data logging	SD card
Interface	RS-A485 Modbus RTU, Ethernet Modbus RTU
Relay	5 SPDT relays (6A 250VAC)
Housing	Stainless Steel
Power supply	85V to 264V AC
Backup battery	Rechargeable lead-Acid battery 12V 2.8Ah, Up to 15 hours of operation
Operating temperature	-A20° to +55°C / -A4° to 131°F
Humidity	0% to 95% relative humidity, non-Acondensing
IP Rating	IP54 (NEMA 3)
Wireless frequency	ISM license free band, IEEE 802.15.2.4GHz

Wireless approvals	FCC Part 15, CE R & TTE
Radio module	Supports RM2400A
Certifications	61010-1/CSA C22.2 No. 61010-1
Part no.	

ALARM BAR SPECIFICATION

Size	83.8 x 11.4 x 20.3 cm / 33" x 4.5" x 8" in
Weight	6.6kg / 14.5lbs
Power	12VDC supplied by FMC 2000
Operating temp.	A40° to +55°C / 40° to 131°F
Cable length	10m / 33' standard
Connector	6-pin mil-style plug/Ain male connector with cable
Enclosure	Stainless steel with protective bars over strobes
Audible alarm output	112dB at 10' (3m) duel tone, steady-yelp horn Four 160,000-Acandlepower strobes
Warranty	2 years



t +61 8 6108 0000

e info@gastech.com

w gastech.com

HEAD OFFICE
24 Baretta Road
Wangara WA 6065
Phone: +61 8 6108 0000

SYDNEY OFFICE
21/25 Narabang Way
Belrose NSW 2085
Phone: +61 2 9451 0054

BRISBANE OFFICE
PO Box 349
Cannon Hill Qld 4170
Phone: +61 7 3160 0901