

FMC 2000

Wireless Multi-Channel Controller



Quick and easy installation

Rugged design

Wireless mesh networking capabilities

Fully configurable user access levels and alarms

Built-in data logging



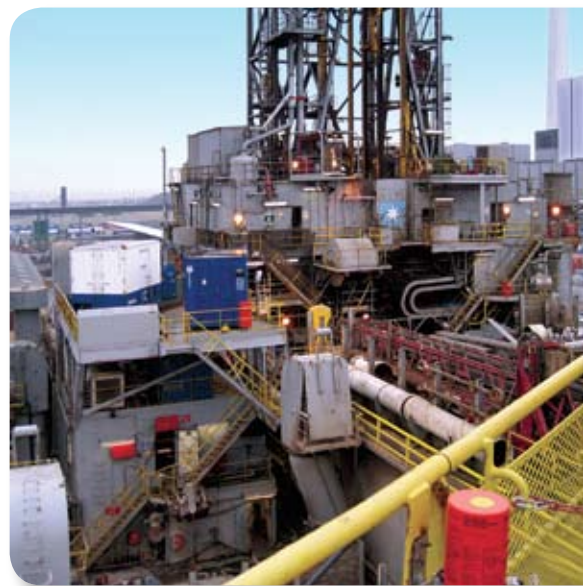
FMC 2000 is a multi-channel controller with built-in modem designed for integration with RAE Systems' wireless mesh network products. It is simple to install and operate, versatile, and dependable. Housed in stainless steel and equipped with a backup battery, the FMC 2000 is the ideal controller for MeshGuard systems used on drilling rigs and during plant maintenance operations requiring gas detection.

Key Features

- Built-in wireless modem for MeshGuard family
- Manage up to 24 channels
- 4 programmable SPDT relay outputs
- Built-in backup battery for up to 14 hours of operation
- Easy-to-read backlit graphic LCD
- Built-in audible and visual alarms
- Stainless-steel enclosure

Applications

- Drilling rigs
- Petrochemical plants
- Tank farms
- Shipyard and maritime
- Steel mills
- Industrial safety



FMC 2000 Controller can be used on drilling rigs



FMC 2000

Specifications

Controller Specifications*

Size	9.5" W x 15.7" H x 3.7" D (24cm x 40cm x 9.3cm)
Weight	14.3 lbs (6.5 kg), excluding mounting plate
LCD Display	5.7" 320 x 240 Black/White graphic LCD with backlight
Audible alarm	95dB@30cm (12")
Visual alarm	Super-bright red LED with enclosed cover
Keypads	16 metal keys
Data logging	SD card (1GB)
Wireless	2.4GHz IEEE 802.15.4/ mesh radio
Wireless Detectors	Supports up to 24 remote detectors
Relay	4 SPDT relays (6A 250VAC)
Housing	Stainless steel
Power Supply	85V to 264V AC
Backup Battery	Rechargeable lead-acid battery 6V 4Ah 14 hours of operation
Operating Temperature	-4° to 131° F (-20° to +55° C)
Approvals	FCC: QNT-PT2400S20-A CE EN 300320 (RTTE directive)
Humidity	0% to 95% relative humidity, non-condensing

*Specifications are subject to change

FMC 2000 Ordering Options

The FMC 2000 can be ordered individually or as part of a MeshGuard system kit.

FMC 2000 Controller Kit Includes:

- Controller with wireless modem
- Built-in rechargeable backup battery
- Wall mounting plate
- Resource CD
- 1GB SD memory card
- Quick reference guide
- Extension antenna (optional)

FMC 2000 Controller Supports up to 24 MeshGuard Detectors



Ordering Information

Part Numbers

FMC 2000 Controller	F01-0001-000
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Toll-Free: 877-723-2878

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