

M4201

Radio Network Controller Product Specifications



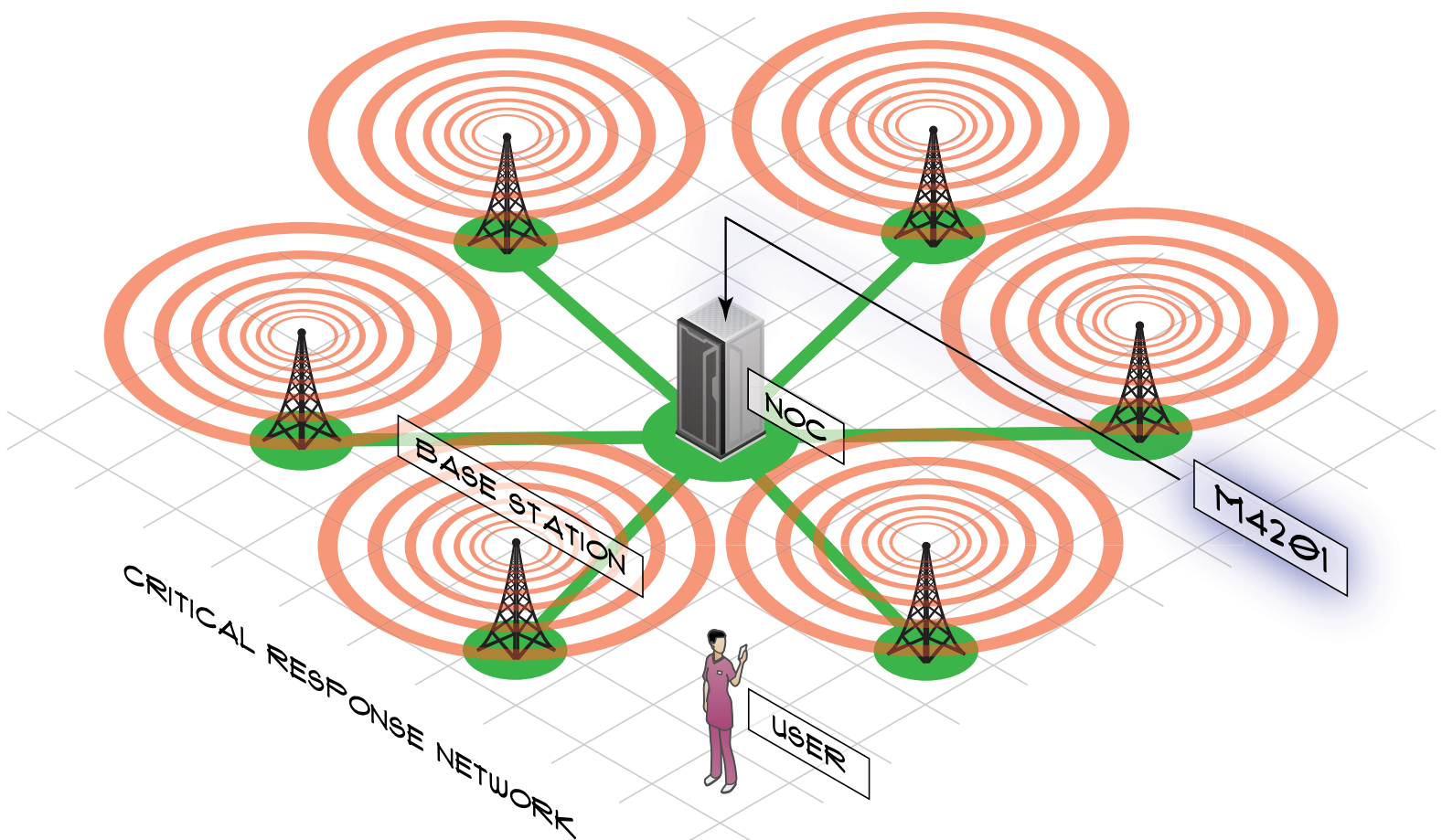
Unprecedented Performance, Capacity, and Network Reliability.

The **M4201** brings a new level of performance and reliability to **Critical Response Systems** radio packet data networks. It supports more users and more base stations than prior models, and it also delivers messages more quickly and reliably than ever before.

The **M4201** is installed into the *network operations center* (NOC), where it controls and monitors a wide-area radio network. It includes a real-time

subscriber database, a message scheduling engine, and all messaging and control interfaces required to deliver and confirm messages to thousands of users over thousands of square miles.

Like all Critical Response components, the **M4201** is fast and reliable, delivering and confirming critical messages without reliance on external resources such as cell phone networks or the Internet.



M4201

Radio Network Controller Product Specifications

System I/O

Front	Serial console port, USB storage device
Rear	Ethernet, serial port (2), GPS port (DB15 & TNC), serial bus port (2)
Rear Power	48VDC nominal (40~56VDC), 3A fuse

System Interfaces

Messaging	SDP, SMTP, WCTP, TAP, TNPP, SNMP
Management	SNMP, Telnet, SSH, Web
Over-the-Air	ReFLEX 2.7, FLEX 1.9, POCSAG 512/1200/2400
Privacy	AES-128 message encryption

Capacity

Subscribers	100,000 maximum
Base Stations	500 maximum
Channels	500 independent RF channels, TX and RX combined
Redundancy	Standalone, cold standby, or hot standby with auto-failover

Physical

Size	1RU, 19" x 8" x 1.7"
Weight	5 lbs
Mounting	Desktop or rackmount, side-discharge forced-air ventilation
Environment	0-70°C, 0-90% humidity (non-condensing)
Max Power	30W (600mA at 48VDC)

Ordering Information

Part Number	CRS-M4201
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