

CMM (Cellular Messaging Module)

Real-Time Communications and Connectivity When Every Second Counts

- » Built-in Dual Band GSM Modem
- » External SIM Slot
- » 50 Ohm External Antenna
- » Connectivity to Commtech EMM or CommtechMessenger
- » Serial (RS232 RJ45) Interface Port
- » TX and RX Indicator LEDs



Real-Time Messaging to Cell Phones

The universal connectivity of the CMM enables messaging to be sent real-time to cell phones. Exposure to latency with SMTP-based text messages and lack of cell carrier support for legacy Internet messaging protocols such as SNPP make the CMM an ideal option for time-sensitive messaging to cell phones used by individuals, groups, and enterprise solution.

Short Messaging Service (SMS) Support

The CMM enables enterprise organizations to send SMS messages to cellular telephones as well as other SMS compliant devices. Connecting the CMM to either the Fusion Series Event Management Module or CommtechMessenger means real-time SMS notifications of alarm and events.

Modular Architecture

Once connected with a valid SIM card, the CMM is designed to need no more intervention from the user. Connectivity of the module is via RS232 interface connected to either the output of a CommtechMessenger Server/PC or the Fusion Series Event Management Module (EMM) via its RS232 level serial port. This kind of simplicity and reliability make the CMM the ideal solution for a vast array of applications.

Versatile Enclosure Options

Like the rest of Commtech's innovative Fusion Series, the Cellular Messaging Module is available in both an industrial design rack mount case and a durable desktop/wall mount enclosure. Whatever your business, whatever your needs, the Fusion Series has advanced features and versatility to offer.

To learn more about CommtechWireless products and solutions, visit www.amcomsoftware.com or call 800.852.8935 to speak to our experts about a communications solution for your facility.

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Technical Specifications

Cellular Messaging Module

Equipment Type	Cellular Messaging Module
Power Supply	110-240VAC 50/60Hz 25W max
External LED Indicators	Power, RS232 TX, RS232 RX, Network Connection
Interface Ports	Serial: RS232D RJ45 Shielded Socket RXD, TXD, RTS, CTS, DTR (Tied High)
External Antenna	SMA Female 50Ω
Dimensions	Standard 19" Rack Case 439 x 205 x 44 mm / 17.3 x 8.1 x 1.7 inches (Minus Rack Ears) Desktop/Wallmount Version 73 x 216 x 254 mm / 2.9 x 8.5 x 10 inches
Weight	Rack Mount - 2.7kg / 5.9lb Net Plastic - 600g / 1.3 lb
Operating Temperature	0 °C to 50 °C (32 °F to 122°F) (20-90% RH Non-Condensing)
Storage Temperature	-10 °C - 60 °C (14 °F - 140 °F) (10-95% RH Non-Condensing)
SIM Slot	External Tray Style
Frequency Range	GSM Modem US Model: 850/1900 MHz AU/EU Model: 900/1800 MHz
Messaging Encoding	7, 8 or 16 bit
Message Capacity	No Capacity
Pager Database	No Capacity
Approvals	FCC, CE, C-tick, ROHS, IC, EN60950

