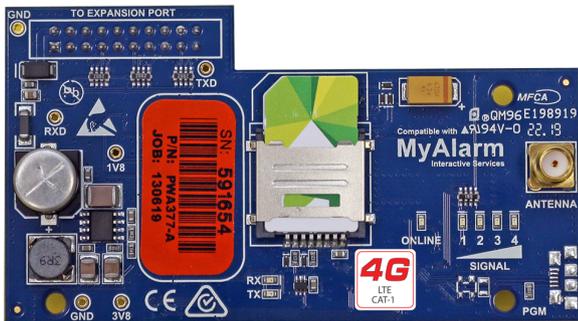


CM748B Radio modem with antenna, 4G, LTE, CAT1



- ▶ Support for multiple reporting formats
- ▶ SMS remote control
- ▶ Support for Smart Device Apps
- ▶ Optional high gain outdoor antenna available
- ▶ Dual SIM communication

The CM748B 4G LTE CAT 1 radio module allows you to interface compatible security control panels to the CAT 1 cellular network providing a high reliability primary or backup reporting path.

The CAT 1 network is widely supported by all carriers however if the unit is being installed in a remote location, make sure the carrier you are using has sufficient coverage (signal) for reliable performance. SIM cards must be on a plan that includes a data allowance.

The unit is designed to plug onto the main control panel PCB using the supplied plastic standoffs.

Functions

Communications and Reporting Formats

The module supports SMS via GSM, CSV-IP via GPRS, Conettix Format via GPRS, SIA IP via GPRS, and MyAlarm format via GPRS. Please note: The module does not support Contact ID (CID) over GSM.

Smart Device Apps

Support for MyAlarm iFob Control and MyAlarm SMS Control apps, and SolutionLink RAS. Apps are available to improve alarm reporting and real time control of the system areas, outputs, doors, etc.

Compatibility

The module is compatible with the Solution 6000 Control Panel (Firmware V2.53.67 or higher) and Solution 6000-IP Control Panel (Firmware V3.00.67 or higher).

SIM Card Type

The module supports Mini SIM cards 2FF. The SIM card should be installed in SIM 1 slot.

Antenna

Quad Band Omni Directional Magnetic Base Antenna with integrated lead and SMA Connector. 3dbi gain - 50 ohm. Optional high gain outdoor antenna available.

Module Connection

The module is mounted directly to the expansion port on the control panel PCB. Before installation, connect the supplied three plastic standoffs to support the module.

Parts included

| Quantity | Component |
|----------|------------------------|
| 1 | Radio module |
| 1 | Antenna |
| 1 | Manual |
| 1 | Plastic stand-off pack |

Technical specifications

Connectivity

| | |
|-------|--------------------------------------|
| Radio | 4G Quectel EG800Q-EU - CAT-1 Network |
|-------|--------------------------------------|

Environmental

| | |
|---|--------------|
| Operating relative humidity, non-condensing (%) | 5% – 85% |
| Operating temperature (°C) | 0 °C – 55 °C |

Electrical

| | |
|-------------------|--|
| Operating Voltage | Supplied by Panel - De-rate the maximum available 12V accessory power from the panel by 100ma when the module is fitted. |
|-------------------|--|

Ordering information

CM748B Radio modem with antenna, 4G, LTE, CAT1

CM748B Radio modem with antenna, 4G, LTE, CAT1

Warranty - 3 years back to base from date of manufacture

Order number **CM748B | F.01U.401.522**

Accessories

AN110 Outdoor 4G Antenna with 15m RG58 cable

Order number **AN110 | F.01U.401.523**

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