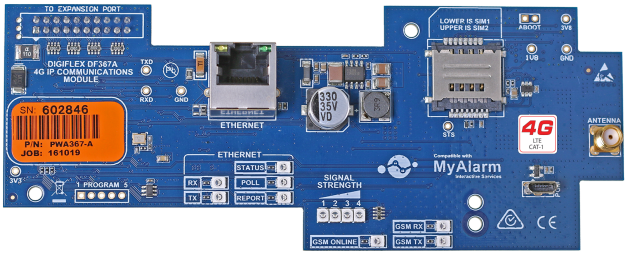
CM368B IP combo module, 4G, LTE, CAT1, Ethernet



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

The CM368B IP 4G LTE CAT1 combo module allows you to interface compatible security control panels to the cellular data network providing a high reliability reporting path. The module includes a wired Ethernet port providing a dual path reporting solution.
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.

Functions

Communications and Reporting Formats

The module supports SMS via GSM, CSV-IP via GPRS, Conettix Format via GPRS, CSV-IP via Ethernet, Conettix via Ethernet, SIA IP and MyAlarm via GPRS and Ethernet.
iFob Control app and SolutionLink RAS connections supported.
Please note: The module does not support Contact ID (CID) over GSM.

Compatibility

The module is compatible with the Solution 6000 Control Panel (Firmware V2.51.04 or higher) and Solution 6000-IP Control Panel (Firmware V2.51.04 or higher)

Module Connection

The module is installed directly onto the expansion port on the control panel PCB using the supplied plastic stand-offs- The supplied antenna should be mounted onto the outside of the metal cabinet.

Module indicators

The module includes 12 LED indicators used to show status and signal strength information. Separate indicators for the GSM and Ethernet systems. The keypad and the interactive option in Solution Link provide additional feedback.

SMS Remote Control

The SMS control option allows you to program up to 10 telephone numbers that are allowed to send SMS commands to the GSM unit.
You can send multiple commands to the panel using the SMS control functions including arming/disarming areas, controlling outputs and doors or checking the system status. You can also request the panel to send a confirmation SMS if required. The control messages must be sent to the SIM phone number.

SMS Control Smartphone App

The MyAlarm SMS Control App for iOS and Android devices is now available and can be used to simplify the configuration and sending of SMS control messages.

SIM Card Type and Balance Recharge Reminder

The module supports standard size SIM cards. Install the SIM card in SIM 1 slot.
In Solution 6000 version 2.20 firmware, a new SIM expire parameter can be added to the SIMBAL setup command when using the GSM module with a pre-paid SIM card. When configured, the control panel will send a reminder to the designated SIM owner prompting them to recharge the SIM before it expires.

Ethernet Port
The Ethernet port on the module allows you to interface compatible security control panels to the building's hard wired IP connection point using a CAT 5E connection cable. Once configured and operating, you will be able to report to monitoring centers that support the available IP reporting formats and to upload/download to the control panel via Internet or Intranet connections.

Antenna
Quad Band Omni Directional Magnetic Base Antenna with integrated lead and SMA Connector. 3dbi gain - 50 ohm. For installations where adequate signal strength is not available using the supplied indoor antenna, you can use the optional high gain outdoor antenna.

Parts included

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

Technical specifications

Connectivity

Radio	4G Quectel EG91 - CAT-1 Network (3G Fallback)
Network interface	RJ45 Ethernet 10BASE-T or 100BASE-T (Auto Sensing)

Electrical

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

Environmental

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

Ordering information

CM368B IP combo module, 4G, LTE, CAT1, Ethernet
CM368B IP combo module, 4G, LTE, CAT1, Ethernet
Warranty - 3 years back to base from date of manufacture
Order number **CM368B | F.01U.287.313**

Accessories

AN110 Outdoor 4G Antenna with 15m RG58 cable
Order number **AN110 | F.01U.401.523**

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