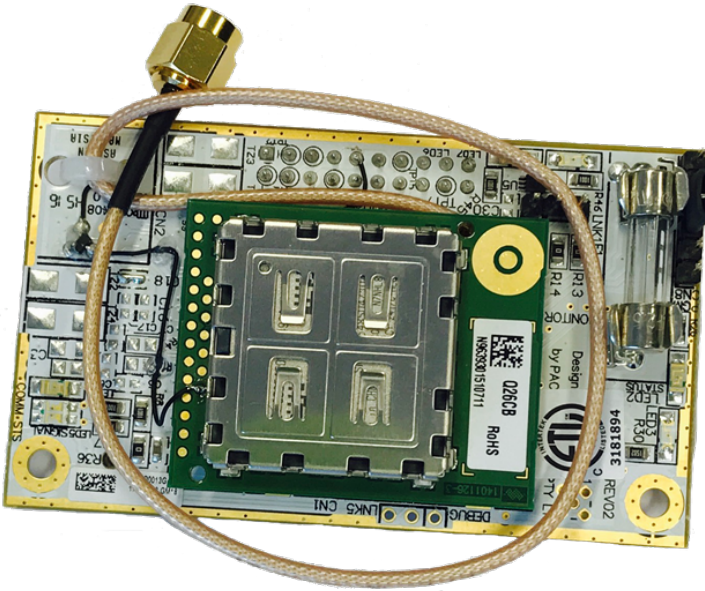


DATASHEET

8201 3G EXPANSION MODULE



MAIN FEATURES

- ▶ Wireless communications for alarm monitoring, access control operations and system management
- ▶ Suits both primary and backup communication
- ▶ Multicolor LEDs for easy troubleshooting and diagnostics
- ▶ Includes enclosure mountable antenna that can be oriented for best possible signal strength
- ▶ Minimal bandwidth consumption
- ▶ Reduces fixed telephone line costs
- ▶ Remote configuration/firmware download
- ▶ Peer-to-peer connections

The 8201 3G Expansion Module enables bidirectional wireless communication between PACOM Management Software and 8001/2 and 8003 Controllers.

PACOM 8201 3G EXPANSION MODULE

The PACOM 8201 3G Expansion Module is designed to provide wireless communication for PACOM sites across 3G mobile networks. Maintaining communications at all times, it automatically falls back on 2G mode should 3G become unavailable.

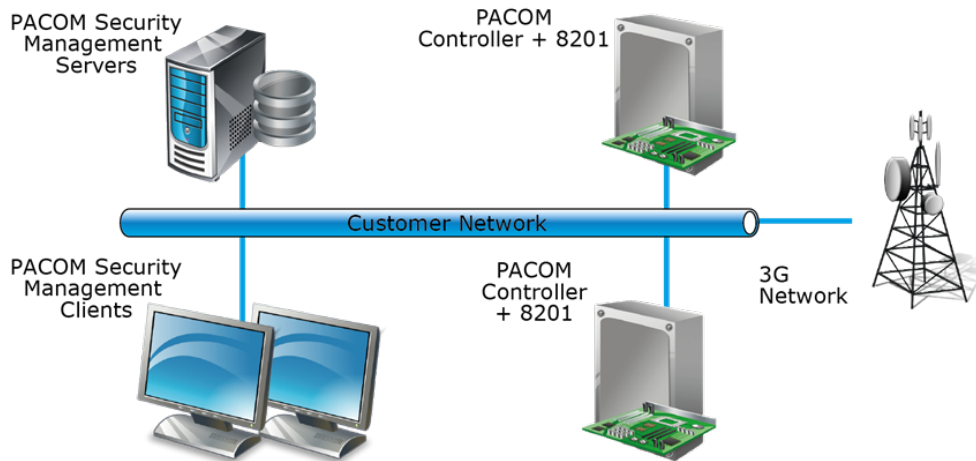
The 8201 3G module easily mounts to 8001/2 and 8003 controllers. Insert a SIM card to enable the ability to wirelessly send alarm and access control card data back and forth between the controller and monitoring center.

You can:

- set up a site quickly and use the module to ensure important alarms always arrive at the monitoring center.
- configure the module for secondary/tertiary communications, and it will be used automatically should primary channels become unavailable.
- orientate the enclosure mountable antenna (included) for the best possible signal strength.

It's the perfect solution:

- for remote sites where a physical telephone line connection is expensive or not feasible.
- as it allows the security communications infrastructure to be independent of other business critical functions at the site.



TECHNICAL SPECIFICATIONS

Dimensions	76 x 45 x 18mm (3.0 x 1.8 x 0.7")
Weight	100g (3.5oz)
Status Indicator	Colored LED display
Operating Environment	[EU] -10 to 50°C (14 to 122°F)/[US] 0 to 50°C (32 to 122°F) 85% relative humidity (non-condensing) @30°C (86°F)
Power Input	3.6VDC (from controller)
Power Consumption	425mA @ 12VDC maximum: <ul style="list-style-type: none"> • Idle: 50mA • Connection: 250mA • Transfer: 425mA
Fuse	2.5A slow-blow glass type 5 x 20mm (0.2 x 08")
Network Connectivity	<ul style="list-style-type: none"> • Quad-band GSM (850/900/1800/1900MHz) • GPRS • EDGE/E-GPRS • 3G
Controller Expansion Slot	Use 1, 2 or 3 only on 8002 controller/Any slot on 8003 controller/EXP_A slot on 8220 only
SIM Interface	3V/1V8 SIM
Antenna	Enclosure mountable and can be "aimed". Comes with 250mm (0.8') cable

BANDWIDTH AND DATA REQUIREMENTS

Site Traffic Assumptions (Considered "high traffic")	<ul style="list-style-type: none"> • 30 alarms per day • Access card badge ("read") every 10 seconds.
Recommended Requirements (Minimum)	<ul style="list-style-type: none"> • Data speed: 64kB per second • Bandwidth: 120MB per month

COMPLIANCE AND ACCREDITATION

RoHS, China RoHS, GCF-CC, OTA, PTCRB, CE Safety, EMC: CE, C-Tick, FCC Part 15, EN 50131-3:2009 in conjunction with EN 50131-1:2006/A1:2009 | EN 50131-6:2008/A1:2014 | EN 50130-4:2011/A1:2014 | EN 50130-5:2011 | EN 50131-10:2014 | EN 50136-2:2013 in conjunction with EN 50136-1:2012

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 041 111	8201R-001-3G	8201 3G Modem (includes antenna)