PM24
LTE - CATM1

The Permaconn solution provides a constant secure link between the supervised premises and the Control Room.

The PM24 is the smallest & most cost effective alarm communicator available in Australia.

This communicator interfaces with a range of alarm panels using Contact ID or serial. PM24 incorporates the latest technology available today - alarm signals are transmitted over the CAT M1 IoT network that forms part of the 4GX network.

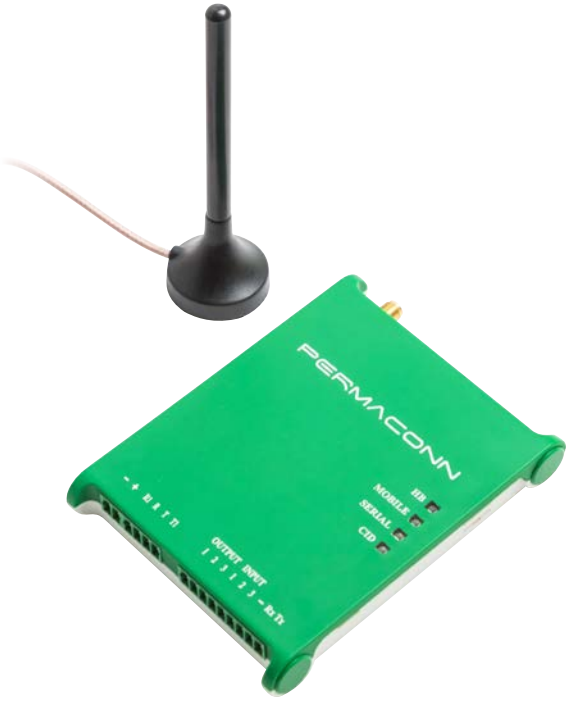
Key Features

- ✓ LTE - CATM1 alarm communicator
- ✓ Plug & Play solution
- ✓ Interfaces with any alarm panel using Contact ID or approved serial
- ✓ No mounting screws required. Enclosure is fitted with moulded magnets
- ✓ 3 inputs & 3 outputs function control using Atlas and/or Apps
- ✓ Compatible with Pocket Secure
- ✓ Low current consumption, no external power supply required
- ✓ No phone line or Ethernet connection required

Additional Features

- Small size – Fits inside alarm panel enclosure and suitable for ATM & M2M applications
- Secure VPN within Telstra network – Dedicated for Permaconn events only
- AES128 encryption for alarm data – Secure alarm signaling
- High speed RS232 Interface – Serial interface to approved alarm panels
- Various diagnostic LED's - Easy installation
- Activate, control and diagnose PM24 using Atlas portal – Seamless installation process
- Two (2) dedicated paths of communication*
- Internal watchdog reset function – No unnecessary service call-outs
- Monitors & reports dialler interface lead status – Panel dialler to Permaconn interface secure
- Outputs can be configured to arm/disarm alarm system, control gates and lights. 'Pocket Secure' smartphone app controls these functions.

*Subject to Vodafone network rollout.



PM24
Specifications

Housing Material	ABS plastic - Green
Dimensions	108mm (H) x 15.5mm (D) 80mm (W)
Weight	80g
Cat	M1
LTE FDD	B3 / B28
Modem	Quectel BG96
Power	8–15V DC Terminal Supply
Power Consumption	Standby: 0.04A @13.8v DC Transmitting: 0.19A @13.8v DC
Serial Port	High Speed RS232 interface
Auxiliary Input	3x 24hr inputs – state change Detected every second EOL 3.3K
Auxiliary Output	3x Open Collector outputs @ 50mA (max)
Function	Control using Atlas web portal and/or "Pocket Secure" App
Data Security	AES128 Encryption
Approvals	EN62311: 2008, AS/NZS 2772.2: 2016, AS/NZS 60950.1:2015, AS/NZS CISPR 22: 2009+A1: 2010 AS/CA S042.4: 2015, AS/NZS 60950.1:2015 EN 55032: 2015, EN 55024: 2010+A1:2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013 ETSI EN 301 489-1 V 2.1.1 (2017-02), Draft ETSI EN 301 489-52 V1.1.0 (2016-11) ETSI EN 301 908-1 V11.1.1(2016-07), ETSI EN 301 908-2 V11.1.1(2016-07) ETSI EN 301 908-1 V11.1.1 (2016-07), ETSI EN 301 908-13 V11.1.1 (2016-07), EN62479: 2010 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013