

# PM1030

(Dual SIM 3G + IP)

The Permaconn solution provides a constant secure link between the supervised premises and the Central Station.

The PM1030 is a versatile alarm communicator that reports on 3G, GPRS and IP to the Central Station.

This unit can interface with a range of alarm panels using RS232 or Contact ID using the DI300 module. Primary alarm path is 3G/ GPRS or IP if optional IP63 module is fitted, with backup PSTN.



## Key Features

✓ Dual SIM + IP + PSTN alarm communicator	✓ Plug & Play solution	✓ 4 input + 3 output, function control using Atlas and/or Pocket Secure
✓ Interfaces with any Contact ID alarm panel	✓ Supplied in robust metal enclosure	✓ PM1030 reports on 3G & GPRS networks

## Additional Features

- Secure VPN within Optus & Telstra networks – Dedicated for Permaconn events only
- AES128 encryption for alarm data – Secure transmissions over the public internet
- Various diagnostic LEDs – Easy installation
- Activate, commission and diagnose using Atlas – Seamless installation process
- Two dedicated wireless paths of communication as standard – Uptime in excess of 99.9%
- Encrypted IP path when optional IP63 module fitted – Three (3) paths of communication
- Ability to connect phone line on DI300 – Four (4) paths of communication
- On board battery charger circuit – Backup battery can be fitted for standalone operation
- Internal watchdog reset function – No unnecessary service call-outs
- Monitors & reports dialler interface lead status – Panel dialler to Permaconn interface secure
- Monitors and reports DC power & battery status – Reliable standalone operation
- Available with metal enclosure PM1030PACK1 or PCB kit only PM1030PACK2
- AS/NZ2201.5:2008 compliance

# Specifications

<b>Housing Material/ Dimensions</b>	Metal powder coated - White 170mm (w) x 205mm (h) x 48mm (d)
<b>PCB Dimensions</b>	142mm (w) x 100mm (h)
<b>Weight</b>	0.95Kg
<b>Operating Environment</b>	0°- 50°C @15% to 85% humidity (non-condensing)
<b>Antenna</b>	Triple band 3G & Dual band GPRS
<b>3G Modem</b>	Cinterion PH8-P
<b>Power</b>	14.5V DC (Plug Pack must have approval)
<b>Power Consumption</b>	Standby: 0.04A Transmitting: 0.075A
<b>Power Reporting</b>	Powered from 14.5V DC plug pack: DC - Fail: <11.8V DC DC - Restore: >12.8V DC Powered from alarm panel: DC - Fail: <10.0V DC DC - Restore: >11.0V DC Battery Status: Battery Fail: <11.6V DC (10 minute delay) Battery Restore: >12.5V DC (sent immediately)
<b>Backup Battery</b>	12V 1.2A/Hr sealed lead acid battery
<b>Typical Backup Time</b>	16 hrs
<b>Auxiliary Input</b>	Four (4) 24 hour inputs, state change detected every second. EOL 10K
<b>Auxiliary Output</b>	Three (3) Open collector outputs @50mA (max) Function control using Atlas web portal and/or 'Pocket Secure'
<b>Tamper Input</b>	24 hour input. No EOL
<b>Serial Interface</b>	Consult the relevant serial interface specifications / manual
<b>Communications Class</b>	Refer to AS/NZ2201.5:2008 compliance statement
<b>Approvals</b>	EN301489, EN301908, EN62311, EN60950-1