

# CYCON-1280-4G Smart Controller 4G

The CYCON-1280-4G is an intelligent, self contained controller module with 4G & 3G connectivity built in. It provides intelligent SMS alerts to multiple groups of up to 16 recipients, based on 7 digital or dry contact inputs. Its rugged design with integrated backup battery and wide temperature operation makes it suitable for many industrial applications.



Typical applications include:

- SMS alerts for equipment rooms – with power failure alerts powered by the optional backup battery
- Pump monitoring and control via SMS
- Tank level monitoring
- Irrigation system alerts

Several key features make the CYCON-1280-4G an ideal choice:

- Easy configuration via SMS commands or text commands via serial port
- SMS Alarms from dry contacts, and power failure alerts
- Expandable to connect to other I/O devices such as ADAM modules
- SMS Alarm allows up to 16 recipients per group, with 5 groups
- Customised SMS alarm messages for on & off
- Each input can be configured to alert a different recipient group
- Rechargeable Backup Battery allows alarms to be sent even in an extended power outage
- Low power consumption makes it suitable for solar/battery applications
- 4G/3G module built-in ensures maximum coverage across Australia
- Supports 7-32V power, with vehicle ignition connection

## Specifications

3G / 4G Support	LTE/HSPA+ (SMS) 4G: B1(2100), B3(1800), B5(850), B8(900), B28(700) 3G: B1(2100), B5(850), B8(900)
Inputs and Outputs	7 Digital Inputs (for Dry Contacts or Digital Signals) 1x NO/NC Relay Output 1x 1-wire interface for external temp sensors or other 1-wire devices (requires firmware customisation)
PC Interface	RS-232 Serial port (compatible with standard USB-Serial converters)
PC Operating System support (terminal software)	Windows XP, 7, 8.1, 10
Antenna connector	SMA Female
Power Supply	7-32V DC, 55mA during operation / 0.5mA sleep
Operating Temperature	-25 to 80°C
Dimensions	108.5 x 84.5 x 30 mm (excludes mounting flanges)
Approvals	A-tick, C-tick (Australia), AS/NZS 60950.1.2011 (safety & emissions - Australia)