

INDUSTRIAL APPLICATIONS

- Tank level monitoring and pump control via SMS.
- Irrigation system alerts.
- Fire alarm or security system alerts.
- Temperature alarms for cool rooms, with the optional waterproof stainless temperature probe.
- Equipment room temperature alerts, with power failure alerts powered by optional backup battery.
- Wind speed alerts.

SPECIFICATIONS



3G/4G Support | LTE/HSPA+ (SMS)

4G: B1, B3, B5, B8, B28

3G: B1(2100), B5(850), B8(900)

Inputs & Outputs | 7 Digital inputs (for dry contacts or digital signals), 0-24VDC support. Low signal < 4VDC or open circuit. High signal > 7VDC.

- 1x NO/NC Relay Output: Maximum 60VDC / 125V AC, 1A, 30W
- Optional Temperature Probe: Range -55 to +125°C, Accuracy ±0.5°C (-10°C to +85°C)

PC interface | RS-232 Serial port for optional configuration (not required if configured via SMS)

PC operating system | Any OS that can run a serial terminal program, e.g. Windows XP, 7, 8.1, 10, Linux, Mac OS

Antenna connector | SMA Female

Power supply | 7-32V DC, 15mA idle / 80mA during SMS messaging / 400mA max with battery charging (all measured with 12VDC)

Operating temp | -25 to 80°C

Dimensions | 132 x 85 x 30 mm (including mounting flanges, excluding connectors)

Approvals | RCM (Australia), AS/NZS 60950.1.2011 (safety & emissions - Australia)

Ordering Information

CYCON-1280-4G – Basic Kit (no battery)

CYCON-1280-4G-BB – Kit with built-in battery

CYCON-1280-4G-DC – Kit for DC powered use

CYCON-1280-4G-DC-BB – DC Kit with battery

CYCON-TEMP-EXT – External Temp Sensor



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