OVERVIEW

CYCON IS A SELF CONTAINED, LOW POWER CONSUMING SMS CONTROLLER FOR MONITORING REMOTE MACHINERY AND ASSETS. DESIGNED FOR SIMPLE SET UP, ALL ITRequires IS WIRING UP, SIM CARD INSERTION AND COMMANDS VIA SMS.

- Intelligent, self contained controller module with inbuilt 4G & 3G connectivity.
- Relay output allows remote equipment to be controlled via SMS.
- Provides automatic SMS alerts to multiple groups of up to 16 recipients, based on 7 digital or dry contact inputs.
- Optional external temperature sensor.
- Optional built in backup battery.
- Rugged design with wide temperature operation, ideal for a range of industrial applications.
- Australian Designed & Supported – 3 Year Warranty*

* 3 Year RTB Warranty within Australia only, excludes built in backup battery (12 months warranty on battery)
**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

CyberVisuell is a leading global solution provider of industrial technology, designing products specifically built for systems and applications that require excellent performance, high-level reliability and stability, and long lifecycles.

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