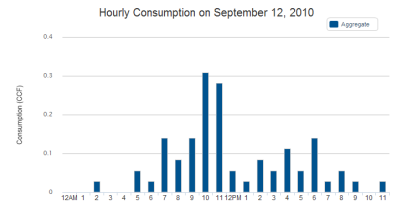


water meter telemetry with Taggle



interfaces with all major meters

Interfaces with all major meters used in Australia

- Pulse output (reed switch or Hall effect)
- Optical output
- Serial output.



Pre-configurable for the rate of readings required:

- Daily
- Hourly
- User-defined period
- Immediate reading on a button-press for calibration

Tamper-alert capability

Battery life compatible with meter warranty life (>10 years)

who are we?

Taggle Systems Pty Ltd is a new Australian company that was founded by a team of leading wireless technologists and is funded by Australian private investors.

basic taggle features

922 MHz ISM Band Radio Transmitter

- Direct Sequence Spread Spectrum
- 15dBm (30mW) output power
- configurable 15-bit polynomial (up to 32K spreading code)

Analog Inputs

- Battery Voltage Measurement
- 2 x 8-bit ADC input pins for external sensors including temperature, pressure, soil moisture content, salinity, water depth

Digital Inputs

- 2 button/seal sensors
- 16-bit pulse counter for meter reading

One Time Programmable Memory

- stores device configuration
- 4 Byte unique device ID

Power Management

- configurable Wake-up/Sleep timer
- configurable pin event wake-ups
- internal voltage regulators with single 3.0 to 3.6V supply input

Low Power Consumption

- 10uA quiescent current
- 100mA transmit current

projects and partners



Mackay Regional Council is currently trialling taggle on their meters in Koumala.

Taggle Systems is looking for suitable development partners, initially within Australia. If your company can help deliver this new innovation to Australian water utilities, please contact us for a confidential discussion about the business opportunity.

Taggle Systems Pty Ltd
Suite 206, National Innovation Centre
Australian Technology Park
4 Cornwallis St
Eveleigh NSW 2015 Australia

t: +61-2-8999 1919
f: +61-2-9310 7232
e: enquiries@taggle.com.au

www.taggle.com.au

