

RECON DYNAMICS ASSET MANAGEMENT SOLUTION

PROXLET™ DATA SHEET

QUICK FACTS

- Monitoring, alerting and reporting
- Location sensing
- Motion sensing
- Temperature sensing
- Situational intelligence
- Ruggedized and fully submersible
- Small in size for versatile installation
- Deep wireless penetration
- Up to 5 year battery life



The Proxlet™ tag is the enabler of RECON Dynamics Asset Management Solution to actively manage assets such as equipment, tools and material providing unprecedented visibility for a company's operations. This tiny, rugged tag hides inside or on assets and wirelessly conveys information to the ProxBox™ hub. The Proxlet™ is designed to operate in the most extreme environments. When combined with the ProxBox™, the Proxlet™ offers a full range of sensing and tracking capabilities. The Proxlet™ is part of RECON Dynamics unique web-based cloud-hosting solution for asset management providing information and metrics to any internet connected device. Hourly motion sensor data can be stored up to 12 months.

DEVICE SPECIFICATIONS

Radio Specification

Standard: **802.15.4**
RF Rx Sensitivity: **-98dBm**
Tx Output Power: **+5.6 dBm**
Standard Transmit Interval: **5 minutes**
Transmit Count: **500K+**

Built-in Sensors

Motion: Internal 3-axis accelerometer
Temp: ± 3% over operating range
Proximity: 3-axis Magnetometer

Misc.

RFID: Passive
Compliance: FCC Part 15
Over-the-Air Upgradeable

Physical and Environmental

Dimension: 1.9 x .8 x .5 in
4.8 x 2.0 x 1.3 cm
Weight: .6 oz, 17g
Environmental Rating: IP68
Operating Temp Range: -40 to +140 °F
-40 to +60 °C

Power

Battery: Non-rechargeable Lithium
Operational lifespan: Up to 5 years
Sleep Current: 1uA