EnAware X1

Self-sustaining, multi-protocol RTU for industrial outdoor sensor deployment

☁ **Includes Cloud Dashboard for Notification Alerts**

Product Features

Robust Solar Panel
For self-recharging

**Waterproof
9-Pin Aviation
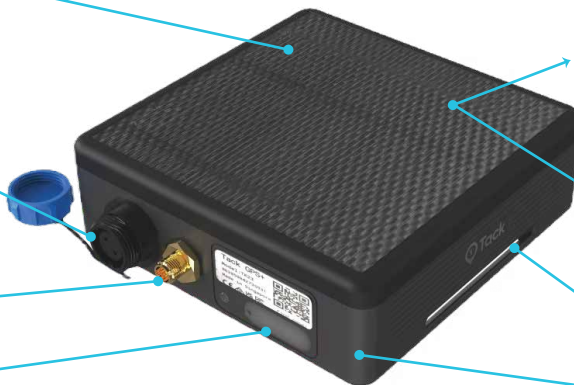Connector**

**Secondary
Antenna Port**

USB-C Port

**Built-in Control &
Communication Module**
Global 4G IoT/GSM Connectivity
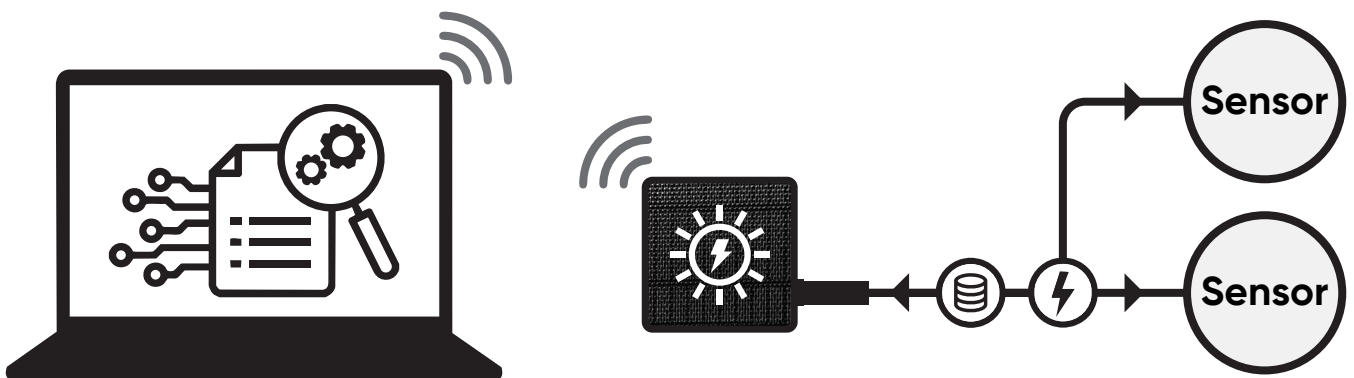Smart Data Processing
GPS Geo-tagging

Built-in Lithium Battery
Capable of powering sensors

Strap Slit for Attachment

Weatherproof Design

Capabilities

Sensor

Sensor

EnAware X supports **powering** and **interfacing** with multiple sensors via **Modbus, I²C, analog, and pulse protocols**, with **remote configuration**, **local triggers**, and **automation** capabilities.

Technical Specifications

Model	*EnAware X1*
Size	*12 x 10 x 3.8 cm / 4.72 x 3.94 x 1.5 in*
Weight	*250 g*
Function	*Outdoor Location-based Data Sensing* *Remote Configuration, Trigger & Automation*
Supported Protocol	*Modbus, I²C, Analog, Pulse*
Power Output	*3.3V / 12V / 24V*
Reading Interval	*Default at every 15 mins (customisable down to 1 second)*
Connectivity	*NB-IoT / Cat M1 / GSM (embedded SIM Card)* *2.4 GHz Wi-Fi*
Location Tech	*Global Positioning System (GPS)* *Wi-Fi Positioning System (WPS)* *Cell Tower Triangulation*
Transmission Range	*Unlimited distance*
Coverage	*120+ countries supported* **View full list of supported countries via www.tackgps.app*
Battery	*750 or 10,000 mAh Li-ion Battery* *Integrated Solar Panel for recharging*
Housing Material	*Anti-UV, ABS Plastic*
Protection Rating	*IP67*
Built-in Sensor	*Tri-Axis Accelerometer* *Temperature Sensor* *Barometer*
Mounting Options	*Strap Slit, DIN Rail Compatibility*
Durability	*Weather & Dust Proof*
Environmental Requirements	*Maximum Operating Temperature*: -20°C to 60°C* *Recommended Operating Temperature: 0°C to 40°C* **Extreme temperatures may affect battery life significantly*