

## **SENQUIP ORB-X1**

The **ORB-X1** has sensors to allow the measurement of voltage, current, position, speed, tilt, temperature, pressure, frequency, and serial data. Users can connect almost any industrial sensor to the **ORB-X1**.

Data measured by the **ORB-X1** is transmitted via WiFi or GSM and can be delivered to the Senquip Portal or to your own server.

Flexible measurement timing makes the **ORB-X1** a low power device that can be operated off replaceable batteries, solar or permanent power.

The **SENQUIP ORB-X1** has been designed for use in harsh outdoor environments.

## **USED BY**

MINING - Process optimisation; environmental monitoring

**INDUSTRY** - Process control and monitoring

WATER SERVICES - Level and quality control

FARMING - Soil and water management

**AQUAPONICS** - Water condition monitoring

**SMART CITIES** - Improving the lives of residents

**ENVIRONMENT** - Monitoring air-quality pollution

**EMERGENCY SERVICES** – Monitoring of environmental factors to provide early warnings for natural disasters



## **ORB-X1**



WIFI + GSM

**CAT-M1 GSM ensures best** possible coverage and least possible power. WiFi connectivity allows for connection to local networks





**GPS + GLONASS** 

Accurate position and speed



and more





**MULTI PROTOCOL** 

SMS, UDP, MQTT, TCP and more



wall mount options





**SECURE DATA** 

**Embedded certificates** and secure communications





Designed for use in harsh industrial environments



**NOTIFICATIONS** 

Configurable levels for each peripheral





10V to 72V power supply, AA batteries or solar

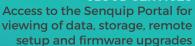


**SIMPLE SETUP** 

Use any phone, tablet or laptop with the integrated webserver

## **CLOUD SERVICES**





















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