



ORB-X1

The Senquip ORB-X1 connects to standard industrial sensors and allows remotely measured data to be delivered to users anywhere in the world.

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



MULTI PROTOCOL

SMS, UDP, MQTT, TCP and more



SECURE DATA

Embedded certificates and secure communications



NOTIFICATIONS

Configurable levels for each peripheral



SIMPLE SETUP

Use any phone, tablet or laptop with the integrated webserver



MULTI SENSORS

Measure voltage, current, position, speed, tilt, temperature, pressure, frequency, serial data and more



ADAPTABLE

Users write their own scripts



VERSATILE MOUNTING

Ships with pole and wall mount options



BUILT TOUGH

Designed for use in harsh industrial environments



VERSATILE POWER

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



CLOUD SERVICES

Access to the Senquip Portal for viewing of data, storage, remote setup and firmware upgrades



SENSOR CONNECTIVITY MADE EASY