

SENQUIP ORB

Connects to industrial sensors and systems
and sends measured data to the Senquip Portal
or server of your choice.

Features

Designed for harsh industrial environments: dustproof, waterproof, UV resistant and strong.

Built in sensors: GPS position and speed, temperature, angle, vibration, and tamper.

External interface: RS232, RS485, MODBUS, CAN Bus, Bluetooth, output, 4-20mA, pulse and voltage.

Wi-Fi or 4G LTE4 connection to the Senquip Portal or the server of your choice.

Powered with replaceable AA batteries, solar, or 10-to 75V DC.

Upload your own scripts to manipulate data, create alerts, control devices, and create customised payloads.

Typical Applications

Machine utilisation – create uniform metrics across a fleet.

Engine diagnostics – monitor for fault codes.

Sensor monitoring – MODBUS, NMEA, 4-20mA, voltage and more.

Safety systems – interlocks, gas concentration, liquid level.

Driver safety - monitor speed, pitch, roll, wind, air quality.

Remote control – write scripts to control attached systems.

Level measurement – calculate volume in odd shaped tanks.

Complex sensors – script power control and measurement timing.

Reliability - monitor oil condition, temperatures, pressure and more.

Data consolidation - send data to your preferred endpoint.

Water management - flow, level and quality with a single device.



SENSOR CONNECTIVITY MADE EASY

SENQUIP ORB



WiFi + 4G LTE
CAT-M1 for best possible coverage.
CAT-1 for global connectivity



BLUETOOTH
Monitor BLE beacons or
send data to the Senquip
BLE App



**DIRECT TO YOUR
SERVER**
Send data to the server of
your choice



GPS + GNSS
Accurate position
and speed



NOTIFICATIONS
Receive email and SMS
warnings and alarms



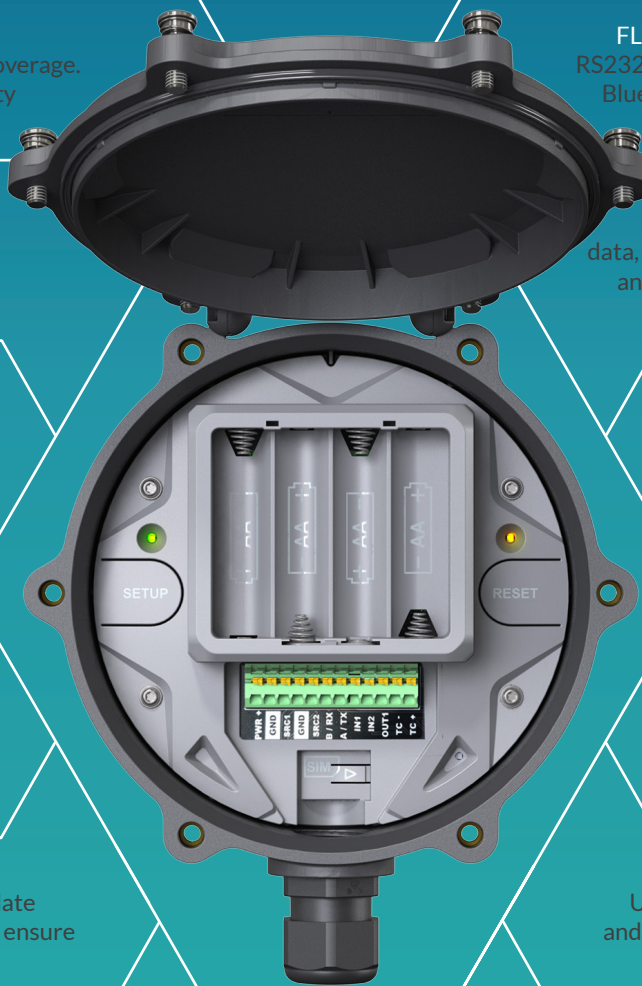
SECURE
Embedded certificates validate
identities, encrypt links and ensure
integrity



SIMPLE SETUP
Use any phone, tablet or computer with
the integrated webserver



INTEGRATED ANTENNAS
All antennas are internal for simple
deployment and reliable operation



FLEXIBLE SENSOR INTERFACE
RS232, RS485, MODBUS, CAN Bus,
Bluetooth, output, 4-20mA, pulse
and voltage



USER PROGRAMMABLE
Write scripts to manipulate
data, create alerts, control devices,
and create customised payloads



VERSATILE MOUNTING
Brackets included for pole,
wall and bulkhead mounting



IP67
Waterproof and
dustproof



BUILT TOUGH
Glass filled nylon
UV resistant and strong



CLOUD SERVICES
Use the Senquip Portal to view
and store data, and configure and
update devices



AA BATTERIES + SOLAR + 10-75VDC
Runs for years on AA batteries. Integrated
solar regulator. Internal backup battery



INTERNAL SENSORS
Accelerometer for pitch, roll and vibration. Tamper
detection, temperature, and voltage monitoring



WEB & EMAIL
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DISTRIBUTOR:



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