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INDUSTRY USE CASES

- **Installed in drilling operations for pressure and vibration monitoring.**
- **Used in pipeline monitoring systems to detect leaks and prevent failures.**



Oil & Gas Telemetry



- **Used in greenhouses to monitor temperature, humidity, and irrigation remotely.**
- **Deployed in remote weather stations for data collection and analysis.**

Smart Agriculture & Environmental Monitoring

- **Installed in heavy machinery and trucks for real-time data logging and diagnostics.**
- **Used in railway and marine applications where external antennas provide better connectivity.**



Vehicle & Fleet Tracking



- **Deployed in construction sites to monitor generator usage and fuel levels.**
- **Used in wind farms and solar plants for remote diagnostics and predictive maintenance.**

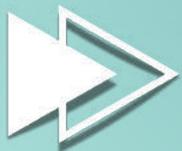
Remote Site & Asset Management

- **Installed inside electrical enclosures to monitor voltage, current, and machine performance.**
- **Used in factory automation to track sensor data and ensure equipment efficiency.**



Industrial Equipment Monitoring

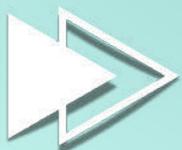
FEATURES



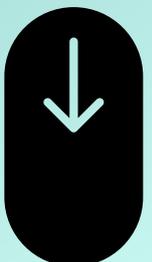
Engineered for harsh industrial environments - dustproof, waterproof, UV-resistant, and highly durable.

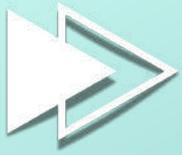


Integrated sensors - GPS for position and speed, temperature, angle, vibration, and tamper detection



Versatile external interface - Supports RS232, RS485, MODBUS, CAN Bus, Bluetooth, voltage input, 4-20mA, pulse, frequency, outputs, 4G, and GPS antenna.





Flexible connectivity - Connect via Wi-Fi or 4G LTE to the Senquip Portal or a server of your choice.

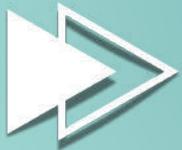


Power options - Operates on 10 to 75V DC or solar power for remote applications.



Customizable scripting - Upload your own scripts to process data, generate alerts, control devices, and create tailored payloads.

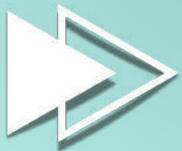
TYPICAL APPLICATIONS



Machine Monitoring - Standardize metrics across an entire fleet.



Machine Control - Manage and regulate machine functionality.

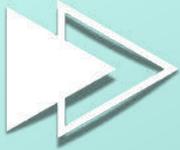


Engine Diagnostics - Track fault codes and detect issues early.



Sensor Monitoring - Support for MODBUS, NMEA, 4-20mA, voltage, and more.

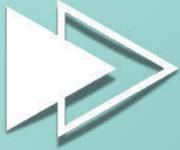




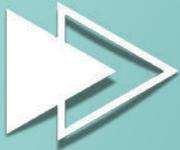
Safety Systems - Monitor interlocks, gas concentration, and liquid levels.



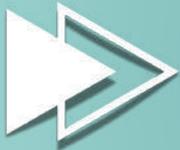
Driver Safety - Track speed, pitch, roll, wind conditions, and air quality.



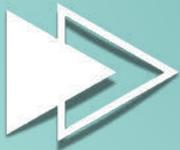
Remote Control - Use custom scripts to operate connected systems.



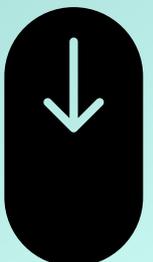
Complex Sensors - Program power control and measurement timing.



Reliability Tracking - Monitor oil condition, temperature, pressure, and other key metrics.



Data Consolidation - Transmit data to your preferred endpoint



WiFi + 4G LTE

CAT-M1 for best possible coverage.
CAT-1 for global connectivity

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

BLUETOOTH

Monitor BLE beacons or
send data to the Senquip
BLE App

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

DIRECT TO YOUR SERVER

Send data to the server
of your choice

VERSATILE MOUNTING
DIN rail, wall or panel
mount

GPS + GNSS

Accurate position
and speed

IP67
Waterproof and
dustproof

NOTIFICATIONS

Receive email and SMS
warnings and alarms

BUILT TOUGH

UV resistant and strong

SECURE

identities, encrypt links and ensure
integrity

CLOUD SERVICES
Use the Senquip Portal to view
update devices

SIMPLE SETUP

Use any phone, tablet or computer with
the integrated webserver

10 -72VDC
Integrated solar regulator
Internal backup battery

EXTERNAL ANTENNA

4G and GPS antenna included

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



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