Dust Monitoring

Airborne dust monitoring must be undertaken when a workplace is exposed to dust either by the nature of the client's business or from an external source.

The purpose of dust monitoring is to understand workers' exposure and determine if unknown contaminants in the air are safe, and to verify the levels of dust exposure at the workplace.

Monitoring wind speed, temperature and humidity may provide an early warning to allow for dust mitigation activities.

Connect a dust sensor to the serial input and use MODBUS to query the various particle size concentrations.

Connect a wind speed sensor to the frequency input and temperature and humidity sensors to the voltage or current inputs.

Use the GPS to determine the location of the sensors.

Receive alerts if parameters change.

SENQUIP

SENSOR CONNECTIVITY MADE EASY

Why Senquip?

Connect to Anything
Interface to any engine, controller, or sensor, no matter the brand, physical interface, or protocol.

Process Everything
Edge process measured data, create custom alerts, and control connected systems.

Send Anywhere
Send data to the Senquip Portal or any other server. No ongoing costs, no lock in contacts.

Trusted Everywhere
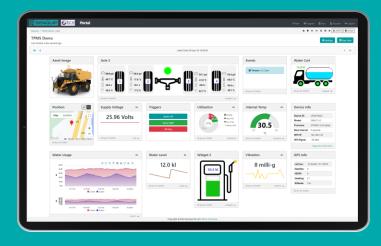Designed for use in harsh industrial, mining, and agricultural environments.

Senquip ORB
For extreme environments where IP ratings are essential and external antennas may be damaged. Typically mounted on poles, walls, and externally on machines

Senquip QUAD
For harsh environments where external antennas are a benefit. Typically found in electrical cabinets, in operator cabs, and mounted externally on machines.

Senquip Portal
The Senquip Portal is a secure cloud solution that offers a no-cost or low-cost device management and data hosting + analytics solution for Senquip devices.

SENQUIP

TELEMETRY FOR HARSH ENVIRONMENTS