



Use the CAN bus to connect to temperature and absolute and differential pressure sensors.

Connect to CO₂ and other gas sensors using 4-20mA.

Generate warnings to allow preventative maintenance and alarms to protect the safety of the operator.

Integrated GPS tells you location of your vehicle.



In-Cab Air Quality

ISO 23875 Standardises Mining Cabin Air Quality Control System Requirements. Adoption of the practices outlined in the standard protect personnel inside operator enclosures from harmful respirable particulates and ensure safe levels of CO₂.

Monitor for positive pressure in the cab, use differential pressure to ensure functioning filters and monitor for CO₂ and other dangerous gasses.

Reduce the incidences of chronic health conditions in the work force.

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 contracts.



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.



CONNECTING MACHINES TO THE INTERNET