

AQS Site Reporter

Data Acquisition - Data Logger - Onsite Analytics



Safeguard Analytics AQS Site Reporter is a data acquisition and data logging system used for continuous detection and monitoring of fugitive gas emissions and weather conditions. The systems are suitable for use in a variety of industrial locations. Gas sensor options include ppm levels of methane and carbon dioxide and ppb levels of toxic gases. Connect up to 32 dual sensor modules and 4 multi-function weather stations. Installation options include wired, 915/868 MHz or LoRaWAN wireless. The system is specifically designed for on-site data collection and storage. Data transport is by USB or an optional modem. Push notifications can be sent via text or email. Data analytics is accomplished via a PC and AQS Analytics graphics and reporting platform. Create onsite emission reports by site, by sensor location or by gas type.

General Specifications¹

System

Site Controller	Industrial PC with 17" touchscreen
Network Controller	MODBUS Master
Mounting Dimensions	20" W, 24" H, 8" D 508mm W, 609mm H, 203mm D
Input Voltage Range	90 to 240 AC 9 to 24 VDC
Power Consumption	50 watts
Temperature Range	-40°C to +60°C; -40°F to 140°F
Humidity Range	0 to 99% non-condensing
Area Classification	Non-hazardous locations NEMA 4X weatherproof
Warranty	2 years

Gas Sensors² (Partial List)

Methane	100 ppm to 10,000 ppm
Carbon Dioxide	100 ppm to 10,000 ppm
Hydrogen Sulfide	0.1 ppm to 10.0 ppm
Sulfur Dioxide	0.1 ppm to 10.0 ppm
Volatile Organic Compounds	0.1 ppm to 20.00 ppm
Carbon Monoxide	0.1 ppm to 10.0 ppm
Meteorological Sensors	
Temperature	-40° C to 80°C
Humidity	0% to 100% RH non-condensing
Barometric Pressure	300 to 1250h Pa
Wind Direction	0 to 360°
Wind Speed	0 to 60 m/s

¹ Specifications subject to change without notice

² For additional sensor options visit www.safeguardanalytics.com