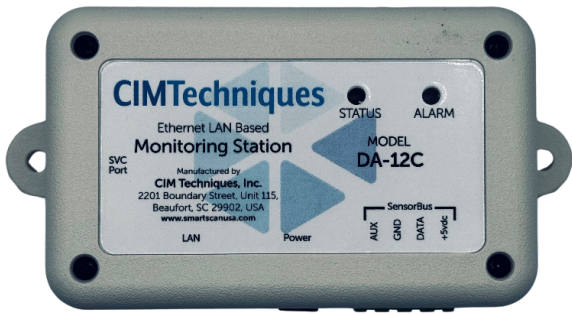


DA-12C Gateway



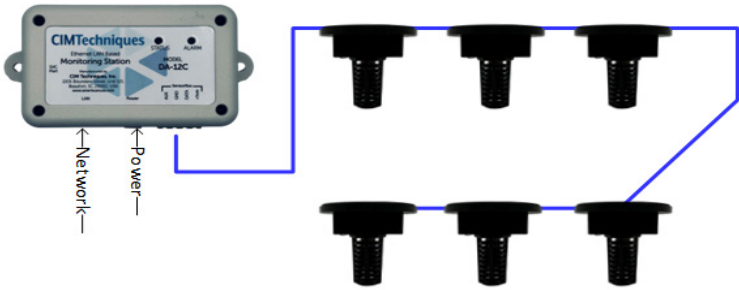
Specifications

Parameter	Value
Sensor Protocol	SensorBus
Single Line Distance	200'
Max Number Sensors	16
Sensor Acquisition	Push Button
Power Source	5.0 VDC 0.6A
Operating Temp.	0°C to +50°C
Physical Size	4.25" x 2.63" x 1.26"
Enclosure	Flame Retardant ABS
Weight	<6 oz (170 gm)

The DA-12C SensorBus-to-Ethernet Gateway uses the facilities LAN to transfer environmental data from SMARTScan wired sensors and third party measurement devices using SensorBus protocol to the cloud based SMARTScan monitoring system group of servers.

Received data is stored locally and buffered during network communication disruption or overall outages.

Statistical data, such as max and min values with relative time stamps, average value and variance for each connected sensor is relayed to the monitoring system for evaluation and analysis.



Contact us for more information
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Scalable Environmental Monitoring



Temperature



Humidity



Carbon Dioxide



Particles



Air Flow

Solutions

Temperature

- Min -200 °C to Max +260 °C

Humidity

- Min 10% RH to Max 90% RH

Differential Pressure

- Min ±25 Pa (±0.1" of H2O)
- Max ±500 Pa (±2.0" of H2O)

Third Party Devices

- Particle Counters
- Flow Sensors

Infrastructure

- Stabilization Devices
- Door Ajar Detection
- Water Detection

Data Collection Protocols

Sensors & Probes

- Modbus / Sensorbus
- Bluetooth

Gateways

- TCP/IP

Certifications

Calibration

- 17025 / NIST

Manufacturing

- ISO 9001

Monitoring

