DQ-15 Temperature RH - Door Ajar Sensor
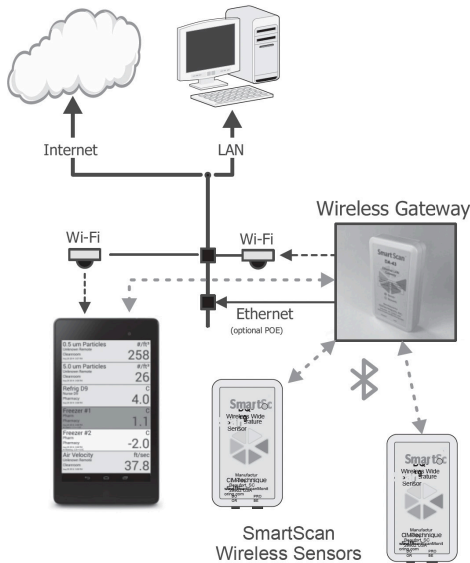

The DQ-15 is a self-contained, battery powered, wireless data acquisition unit (Base). The available sensor has a temperature range of -40° to +125°C with a standard calibrated range of -30°C to +50°C and a relative humidity range of 20% to 80%.

The DQ-15 communicates with the CIMTechniques DA-43 or CS-31 nodes to transfer the measured temperature and RH data to our SmartScan Monitoring software.

Sample and Update Rates are set by the SmartScan Server and our SmartLinkDQ app available from the app store.

Specifications

Parameter	Value
Temperature Range	-40° to +125° ± 0.5°C
RH Range	20% to 80%
Nodes	DA-43 , CS-31
Door Ajar	1 NC Input
Input Power	3.0 VDC (2xAA Batteries)
Buffer Memory	Up to 8K Measurements
Protocol	BLE 5.0
Encryption	128-bit AES
Receiver Sensitivity	-96 dBm at Mbps
Wireless Range	< 200' Indoors
IP Classification	IP40
Physical Size	4.53" x 2.71" x 1.10"
Enclosure	Flame Retardant ABS
Weight	<6 oz (170 gm)

Contact us for more information
1.843.521.9897

smartscanusa.com
info@smartscanusa.com

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 H20)
- Max ±500 Pa (±2.0" of H20)

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

Measurements from Remote Sensors

SQL Database

Web Services
Station Monitoring
Alert Services
To External Systems

Abnormal Condition Detected

Alerts

Generate Reports
PDF
Word
Excel Docs

SMARTScan™
Advanced Monitoring Solutions

CIMTechniques, Inc.
2201 Boundry Street, Unit 115 - Beaufort, SC 29902