



Key Features

- Monitor temperature range -50°C to +125°C
- Low Cost Monitoring Solution
- Works out of the box (requires SIM)
- Global Quad Band GSM/GPRS Engine
- SMS, Email & Ring Alerts
- Temperature Datalogger
- Programmable via SMS
- Request current temperature via SMS
- Wall Mountable

Common Applications

- Server Room Monitoring
- Museums, Archives, Galleries
- Hospital Room Monitoring
- Air-Conditioned Rooms
- Cold Storage Monitoring
- Green House Monitoring
- Building Management and Automation

Simple Temperature Monitoring Via GSM

The Sensormetrix Argon is a complete standalone temperature monitoring solution. Argon can support up to 5 different temperature sensors. Sensors are available in 1, 3, 5 & 10 metre lengths, Argon will monitor temperatures from -50 up to +125°C.

Argon can be configured easily via a simple windows application or via SMS commands sent directly to the Argon via a mobile phone.

Perfect for a wide range of applications where the user requires up-to-date temperature information or alerts. The Argon can be placed anywhere with a GSM signal and will monitor and record the temperature. Providing Email, SMS or Ring alerts if the temperature goes outside the user defined safe limits

Alert Modes

The Argon has three alert modes which can all be enabled together or independently so if the temperature goes outside the safe limits you've set you'll be notified.

Email – Argon will email upto 10 assigned addresses.

SMS – Argon will send a SMS text message to up to 10 mobile numbers.

Ring Out – Argon will dial up to 10 telephone numbers (sequentially) to ring a telephone, using incoming caller ID you can see if the Argon is calling you with a temperature issue, this option is good as it's harder to miss a call compared to SMS ring tone.

Specifications

Frequency Band	850/900/ 1800/1900MHz
Dimensions	93x67x28mm
• With Sensor	146x67x28mm
Weight	385g
Supply Voltage	5-60v DC
Operating Temp Modem	-30 to +75°C
Operating Temp Sensor	-50 to +125°C
RoHS Compliant	
Network LED Support	

Interfaces

- Sub-D 9-pin RS-232 connector
- Power: 5 to 60 VDC (RJ12)
(Antenna connector: 50 Ohm (SMA female jack))
- SIM card holder: 1.8 V / 3 V interface
- Mini USB 2.0 Interface (Not used for Argon)

Approvals

- Fully type approved conforming with R&TTE directive
- CE

SIM Requirements

Any GPRS enabled SIM card.
Anywhere in the world.

SMS Commands

Although you can easily configure the Argon via a PC using a simple windows application, you can also send SMS commands to the Argon to change various setting. For example change maximum and minimum temperature limits, or request the current temperature and the Argon will text back the number that contacted it with the current information.

The user can request the current temperature by sending a text message to the device, shortly after you'll receive an SMS with the current temperature level.

Example of commands

(See manual for full list)

Request Current Temperature

Format: [smspassword] status

SMS Message: connect status

SMS Reply: Current Temp: 21.6C

Set Temperature Range & Assign Sensor Alias

connect sensor 1 -001.5 +005.5 in serverroom1

Assign SMS number to receive alerts

connect smsalarmto 1

+447770123456

Add Another Number

connect smsalarmto 2

+447770123457

Accessories

Temp-Sense

Cable Length: 1, 3, 5 & 10m

Temp Range: -10°C to 70°C

Temp-Sense-Flat

Cable Length: 3m – IP67

Temp Range: -30°C to 60°C

Temp-Sense-Outdoor

Cable Length: 3m – IP67

Temp Range: -50°C to 125°C

Temp-Sense Rack19

Cable Length: 3m

Temp Range: -10°C to 70°C

