Mobile SensorGateway

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The Mobile SensorGateway is the latest base unit designed to monitor remote infrastructure sites. It supports 2G/3G/4G. The unit has a built-in web server that you can access to configure, read sensor data, define alerts and more.

TECHNICAL SPECIFICATIONS

Operating Temperature Range: 0°C to +75°C (+167°F)

Operating Humidity Range: < 90% rH (non-condensating)

Dimensions: 70 mm (2.7") x 88 mm (3.4") x 33 mm (1.4")

TCP/IP: IPv4 at 10/100 Mbps

Power Source: PoE: IEEE 802.3af

Power Usage: 1500mW (without sensors attached)

Built-in: web server, SNMP v1, v2 & v3 (MD5/AES)

Built-in Alerting Options: email SMS (over IP) & SNMP Traps

External Sensors Probes: 2 sensor probes through straight RJ45 cable with max distance of 10m or 30ft

Max Distance to Switch: depending on cable quality up to 100m / 300ft

Built-in Temperature Sensor:

Temperature Resolution: 0.1°C / 0.18°F

Temperature Reading: -55°C to +125°C (-67°F to +257°F) / SensorGateway operates up to 75°C

Temperature Accuracy: +/- 1°C (+/- 2°F) over 0°C to +75°C / 32°F to 167°F

GSM Mobile Frequencies:

GSM | GPRS | EDGE : 850 , 900 , 1800 , 1900 MHz

UMTS|HSPA+ : 900, 1800, 2100 MHz

LTE : 800, 900, 1800, 2100, 2600 MHz

Mobile Certification: CE, GCF

Market: Europe, Middle-East, Africa, Asia, Pacific (for EU frequencies only)

CDMA is not supported.