



SERVERSHECK

infrastructure monitoring

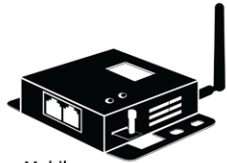
WIRED & WIRELESS SENSORS



SENSOR GATEWAYS (BASE UNITS)



Wired Sensorgateway



Mobile Sensorgateway (2G/3G/4G)

MONITORING REPORTING & ALERTING



SNMP MONITORING SOFTWARE



SENSOR CLOUD PLATFORM



CONTROL EQUIPMENT AUTOMATICALLY & REMOTELY



AC Powered Devices



Relay Controlled Devices



Dry Contact Controlled Devices

BASE UNITS

SKU: 300111323



WIRED SENSORGATEWAY

Quantity

Display	OLED
Web Server	HTTP/HTTPS
Alerting	email, SMS, SNMP Traps
SNMP	v1, v2, v3
Network	IPv4 at 10/100 Mbps
External Probes	2 optional probes
Power	
PoE	IEEE 802.3af
Power Adapter	12V DC
Operating Conditions	
Temperature	0°C to 75°C / 32°F to 167°F
Humidity	<90% rH (non-condensing)
Temperature Probe	0.1°C / 0.18°F
Resolution:	-55°C to +125°C / 14°F to 185°F
Range:	±0.5°C from -10°C to +85°C
Accuracy:	±1°F from 14°F to 185°F
Units:	degrees Celsius or Fahrenheit



MOBILE SENSORGATEWAY

Available in EMEA & ASIA PAC
Not available in North & South America

Quantity

Additional specifications compared to the wired Sensorgateway

Mobile Frequencies	850, 900, 1800, 1900 MHz
2G GSM/GPRS/EDGE	
3G HSPA+	900, 1800, 2100 MHz
4G LTE	800, 900, 1800, 2100, 2600 MHz
SMS Alerting	through SIM Card

EXTENSION MODULES

One extension module per Sensorgateway (base unit) is supported

SKU: 30006168



Quantity

SENSORHUB

Wired Sensor Ports:	8
Dry contact Inputs:	4
Dry Contact Outputs:	4
Relay Outputs:	2

SKU: 3006011018



Quantity

WIRELESS HUB

Wireless Sensors Support:	30
Range:	20m/60ft line of sight



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WIRELESS SENSOR PROBES



Quantity

TEMPERATURE AND HUMIDITY

Temperature Resolution: 0.1°C (0.18)°F precision
Temperature Accuracy: +/- 0.5°C (+/- 0.9 °F) over 0°C to +60°C
Readings in Celsius or Fahrenheit
Relative Humidity Measurement Range: 0 to 100 % RH
Relative Humidity Resolution or precision: 0.1 % RH and 1 % RH
Relative Humidity Accuracy: +/- 2 % RH between 10 % RH to 90 % RH and +/- 4 % RH below 10 % RH and above 90 % RH



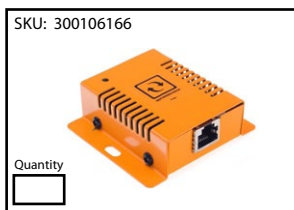
Quantity

TEMPERATURE SENSOR

Temperature Resolution: 0.1°C (0.18)°F precision
Temperature Accuracy: +/- 0.5°C (+/- 0.9 °F) from -10°C to +85°C / 14°F to 185°F
Temperature Reading: -55°C to +125°C (-67°F to +257°F)
Readings in Celsius or Fahrenheit updated every 90 seconds
Battery life time: 1 year
Battery type: coin - CR2450

Digital wireless sensors provide a digital (numeric) reading of what has been measured. The sensors connect wireless (Zigbee 2.4Ghz) to the WirelessHub. Maximum distance between wireless

DIGITAL WIRED SENSOR PROBES



Quantity

TEMPERATURE AND HUMIDITY

Temperature Specs
Resolution: 0.1°C / 0.18°F
Range: 0°-70° C / 14°F to 185°F
Accuracy: ±0.5°C from 0°C to +60°C
±1°F from 14°F to 185°F

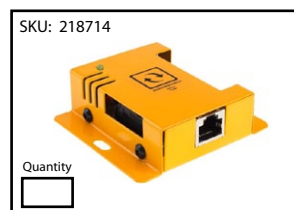
Humidity Specs
Resolution: 0.1% rH
Range: 0% to 100% rH
Accuracy: ±2% between 10% and 90% rH
±4% <10% and >90% rH
<1% rH per year relative humidity in percentage



Quantity

TEMPERATURE SENSOR

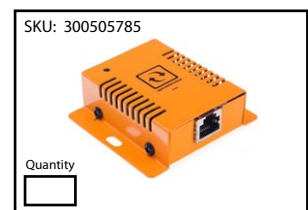
Resolution: 0.1°C / 0.18°F
Range: 0°-70°C
Accuracy: ±0.5°C from -10°C to +85°C
±1°F from 14°F to 185°F



Quantity

DIGITAL AIRFLOW SENSOR

Resolution: 0.1 m/s
Range: 0 m/s to 3 m/s
Accuracy: ± 5%
Units: meters per second



Quantity

DIGITAL SHOCK SENSOR

Resolution: 0.1 m/s
Range: 0 m/s to 3 m/s
Accuracy: ± 5%
Units: meters per second



Quantity

STAINLESS STEEL TEMPERATURE

Resolution: 0.1°C / 0.18°F
Range: -55°C to +125°C / 14°F to 185°F
Accuracy: ±0.5°C from -10°C to +85°C
±1°F from 14°F to 185°F



Quantity

SOUND (dB) SENSOR

Sound Sensor Specs
Resolution: 0.01db
Range: 10 to 90db
Accuracy: 1 dB



Quantity

DUST PARTICLE SENSOR

Method: Optical IR dust sensing
Resolution: 0.1 mg/m3

Not suited for deployments in high risk area's. For improved accuracy & reliability redundant sensors should be

ANALOG WIRED SENSOR PROBES



Quantity

FLOODING / WATER SENSOR

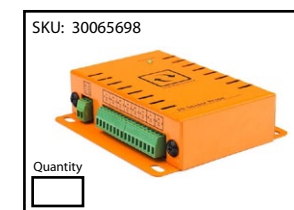
Result: Dry / Wet
Cable length: 6m / 20ft



Quantity

POWER FAILURE SENSOR

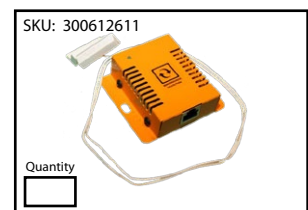
Result: Power On / Power Off
Power adapter: 9V with US/UK/EU/AU plugs



Quantity

IO DRY CONTACT SENSOR

Inputs: 16 (analog)
Outputs: 4 (analog)
Power to sensors: 12V max 700mA



Quantity


DOOR CONTACT SENSOR



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REMOTE INFRASTRUCTURE

 The following sensors are not available for online purchase. They can only be ordered with a minimum order quantity of 150 units.

SKU: BTS-0401



SINGLE PHASE AC POWER METER

Measurements: Voltage, Current (A),
Watts (W), kWh
Voltage Input : 0 - 500VAC
Current Range : 0 - 300A
Power Range : 0 - 100kW

SKU: BTS -0402



AC VOLTAGE TRANSDUCER

Range: 0-500V

SKU: BTS -0403



AC CURRENT TRANSDUCER

Range: 0-300A

SKU: BTS-0405



DC POWER METER PROBE

Measurements: Voltage, Current (A),
Watts (W), kWh
Voltage Input : 0 - 56 VDC
Current Range : 0 - 300A
Power Range : 0 - 16kW

SKU: BTS -0404



DC CURRENT TRANSDUCER

Range: 0-300A

SKU: BTS-0301



GROUND MONITORING SENSOR

Resolution: 1 Ohm
Range: 0-1000 Ohm
Accuracy: ± 5%
Units: Ohm

Requires fuse cables to operate

SKU: BTS-0500



ULTRASONIC FUEL LEVEL PROBE

Tank Depth: 400mm-2000mm
Tank type style: Metal and plastic with non linear
capacity
Accuracy Distance: 0-2000 mm (6.5 ft) at 2 mm
accuracy