PRODUCT CATALOGUE ServersCheck®



Preventing failures by detecting anomalies in IT infrastructure using our modular and open sensor platform

DECEMBER 2024



ServersCheck ®

ServersCheck: Preventing failures by detecting anomalies in data center and IT infrastructure

Introducing ServersCheck by InfraSensing, a cutting-edge sensor platform meticulously tailored for data infrastructure across various environments, from IDF and server rooms to edge data centers and hyperscale facilities. Born out of a commitment to elevate monitoring solutions, ServersCheck redefines the landscape of data and IT infrastructure management. This comprehensive platform seamlessly integrates both software and hardware, offering a holistic approach to monitor the intricate details and vital components of data and IT environments.

At its core, ServersCheck stands as a beacon of innovation, empowering businesses to ensure the resilience and optimal performance of their critical infrastructure. With a focus on precision, reliability, and adaptability, ServersCheck by InfraSensing emerges as a pivotal solution, meeting the unique challenges and demands of the data and IT industry. As we delve into the realm of monitoring technology, ServersCheck is not just a platform; it's a transformative force shaping the future of data and IT infrastructure management.





ServersCheck Architecture

The **ServersCheck** architecture provides a high-level perspective on the system's structural design and the interactions of its various components. Acting as a comprehensive blueprint, it highlights the relationships between system elements and their collaborative functionality, ensuring seamless environmental and infrastructure monitoring. This architectural insight is pivotal for guiding development, deployment, and maintenance processes, ensuring ServersCheck consistently meets performance, reliability, and scalability requirements.

Specifically engineered for environmental monitoring and infrastructure management, ServersCheck utilizes a robust network of sensors to measure and track key parameters such as temperature, humidity, and power consumption. At the core of the system is a centralized dashboard that integrates real-time alerts, advanced analytics, and detailed reporting. This intuitive interface empowers users to swiftly identify potential issues, enabling proactive decision-making to enhance operational efficiency and minimize downtime risks.

The ServersCheck architecture is available in two configurations: **Standard** and **Daisy Chai**n. The Standard configuration connects sensors directly to the base unit, offering a simple and effective solution for straightforward deployments, while the Daisy Chain configuration allows multiple sensors to be interconnected in a chain, reducing cabling complexity and enhancing scalability for larger-scale installations. This flexibility ensures the system can adapt to diverse environments, delivering precise monitoring and reliable performance across a wide range of applications.



Standard Configuration

Standard IP-based version (Base Unit + Hub + Sensors):

In the standard configuration, ServersCheck employs an IP-based architecture centered around a base unit. This base unit can connect directly to up to two sensors or to a hub, which in turn supports additional sensors. This flexible design enables efficient deployment in large or distributed systems, including data centers, industrial facilities, utility-scale infrastructure, renewable energy farms, and commercial applications.

The base unit collects real-time data from connected sensors and hubs, processes it using advanced analytics, and makes the data accessible through industrial IP protocols such as Modbus TCP, SNMP, or MQTT. This architecture ensures scalability, centralized monitoring, and seamless integration with existing IT infrastructure, including building management systems, IT networks, cloud platforms, and other IP-based systems.





Daisy Chain Configuration

Daisy Chain Version:

In the daisy-chain configuration, ServersCheck employs a modular and scalable architecture designed for efficient monitoring across wide or distributed areas. At the core of this setup is a central base unit, which connects to multiple sensors in a sequential chain. The system begins with the DAISY STARTER module, directly linked to the base unit, serving as the foundation for extending the sensor network. From there, additional DAISY CHAINED SENSORS are connected in series, enabling seamless expansion of monitoring capabilities without the need for complex cabling or additional base units.

For larger-scale installations, the DAISY BOOSTER can be integrated into the chain to enhance system performance. The DAISY BOOSTER extends the operating distance of the daisy-chained sensors from 100 meters to 200 meters and features an LED indicator that guides optimal placement for maximum efficiency. Designed for versatility, the booster can connect to any daisy-chained sensor within the network, ensuring robust and reliable performance even in extensive deployments.

Important Note: This architecture is applicable only for sensors that have a daisy-chained version.





Temperature & Humidity Sensors for IT Infrastructure

Temperature & Humidity Sensor



ENV-THUM 🔍

Temperature Resolution: 0.01°C (0.018°F) Humidity Resolution: Humidity Accuracy: Humidity Range:

Temperature Accuracy: ±0.2°C (±0.36°F) from 0°C to 90°C (32°F to 194°F) 0.01% RH ±2% RH between 0% RH to 100% RH 0 to 100% RH

Operating temperature range: Humidity (operating and storage): 0°C to +75°C (32°F to +167°F) < 90% RH (non-condensating)



Temperature Sensor

ENV-TEMP ന

Temperature Resolution: 0.01°C (0.018°F) Temperature Accuracy: ±0.2°C (±0.36°F) from 0°C to 90°C (32°F to 194°F) Temperature Reading: -40°C to 125°C (-40°F to 257°F)

Operating temperature range: Humidity (operating and storage): 0°C to +75°C (32°F to +167°F) < 90% RH (non-condensating)

Daisy Chain Temperature (Humidity) Sensor



DAISY STARTER



Temperature Resolution: Temperature Accuracy: Temperature Reading: Reading unit:

Operating temperature range: Humidity (operating and storage):

Sensor enclosure: Mounting option: Dimensions: Weight:

0.01°C (0.018°F) ±0.2°C (±0.36°F) from 0°C to 90°C (32°F to 194°F) -40°C to 125°C (-40°F to 257°F) in Celcius or Fahrenheit

> 0°C to +75°C (32°F to +167°F) < 90% RH (non-condensating)

Steel enclosure, industrial grade OU rack, DIN rail, magnetic, or wall mountable sensor 68 mm (2.68") x 72 mm (2.83") x 28 mm (1.10") 120g (0.26lbs)

Maximum length of daisy chain: Up to 20 sensors per base unit within 100m/330ft of total length Longer distances possible with optional DAISY-BOOSTER





ISO17025 Calibrated Cylindrical Temperature & Humidity Sensor



C-ENV-THUM

Sensor enclosure:

Mounting option:

Dimensions:

Weight:

Temperature resolution:

Temperature accuracy:

Temperature resolution: $0.02^{\circ}C (0.36^{\circ}F)$ Temperature accuracy: $\pm 0.5^{\circ}C (\pm 0.9^{\circ}F)$ from $0^{\circ}C$ to $50^{\circ}C (32^{\circ}F$ to $122^{\circ}F)$ Temperature reading: $-55^{\circ}C$ to $+125^{\circ}C (-67^{\circ}F$ to $+257^{\circ}F)$ Relative humidity range:0 to 100 % RHRelative humidity resolution or precision:0.01% RHRelative humidity accuracy: $\pm 2\%$ RH between 0% RH to 100% RH

Operation temperature range: 0°C to +75°C (32°F to +167°F) Operating humidity range: < 90% RH (non-condensating)

> Plastic material enclosure Optionally available in aluminum enclosure Secure mounting with bolt and nut mechanism Can be mounted using two M24 nut L: 51.8mm (2.04") W: 24mm (0.94") Ø: 24 with a 2m cable that connects to a T-daisy chain connector 32.9g (0.071lbs)

> > ±0.5°C (±0.9°F) from 0°C to 50°C (32°F to 122°F)

ISO17025 Calibrated Cylindrical Daisy Chained Temperature & Humidity Sensor



DAISY STARTER

C-DAISY-THUM

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Temperature reading: -55°C to +125°C (-67°F to +257°F) 0 to 100 % RH Relative humidity range: Relative humidity resolution or precision: 0.01% RH ±2% RH between 0% RH to 100% RH Relative humidity accuracy: Operation temperature range: 0°C to +75°C (32°F to +167°F) Operating humidity range: < 90% RH (non-condensating) Sensor enclosure: Plastic material enclosure Optionally available in aluminum enclosure Mounting option: Secure mounting with bolt and nut mechanism Can be mounted using two M24 nut Dimensions: L: 51.8mm (2.04") W: 24mm (0.94") Ø: 24 with a 2m cable that connects to a T-daisy chain connector 32.9g (0.071lbs)

0.02°C (0.36°F)

Maximum length of daisy chain: Up to 13 sensors per base unit within 100m/330ft of total length Longer distances possible with optional DAISY-BOOSTER





Daisy Chain Sensors

Daisy Chain Booster

108g (0.24lbs)



DAISY STARTER



DAISY-BOOSTER



Operating temperature range: Humidity (operating and storage):

Sensor enclosure: Mounting option: Dimensions: Weight: ge): < 90% RH (non-condensating) Steel enclosure, industrial grade 0U rack, DIN rail, magnetic, or wall mountable sensor 72.25mm (2.84") x 67.13mm (2.64") x 22.56mm (0.89")

0°C to +85°C (32°F to +185°F)



Daisy Chain Starter

DAISY STARTER 🔹

Weight:

 Power Source:
 Base Unit (BASE-XX), power adapter 12V 2A is required when connecting more than 10 daisy chain sensors

 Power Usage:
 288mW

 Operating temperature range:
 0°C to +75°C (+167°F)

 Humidity (operating and storage):
 < 90% RH (non-condensating)</td>

 Sensor enclosure:
 Steel enclosure, industrial grade

 Mounting option:
 0U rack, DIN rail, magnetic, or wall mountable sensor

 Dimensions:
 73.28mm (2.89") x 67.77mm (2.67") x 23.14mm (0.91")

110.0g (0.242 lbs.)

DAISY-THUM DAISY-THUM DAISY-STARTER DAISY-STARTER BASE-WIRED



Air Sensors



Indoor Air Quality (IAQ) Sensor





ENV-AIRQUALITY

CO2 ouput range: CO2 measurement range: CO2 repeatability: VOC measurement output range: VOC repeatability: Temperature measurement range: Temperature accuracy: Relative humidity measurement range: Relative humidity accuracy:

Powered and communicates with: Connectivity: Cable specification:

Sensor power usage:

Operating temperature range: Humidity (operating and storage):

Sensor enclosure: Mounting option: Dimensions: Weight: 0 - 40,000 ppm ± 40 ppm ± 10 ppm 0 - 500 VOC Index <±5 VOC index points or % mass volume(m.v.) -10°C to +60°C ± 0.8 °C(1.44°F) accuracy from 15 °C - 35 °C (27 °F - 63 °F) 0 to 100 % RH 15 °C - 35 °C, 20% RH - 65% RH = ±6% RH

Base Unit (BASE-XX) (required) RJ45 cable transmitting data & power from Base Unit to Sensor RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference 405 mW

0°C to 50°C (32°F to 122°F) < 90% RH (non-condensating)

Steel enclosure, industrial grade OU rack, DIN rail, magnetic, or wall mountable sensor 71.1 mm (2.8") x 68.8 mm (2.7") x 28.8 mm (1.1") 130g (0.29 lb)





Differential Air Pressure Sensor

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ENV-AIRPRESSURE

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Pressure accuracy:	(
Pressure range:	
Flow polling rate:	I
Temperature range:	
Temperature repeatability:	2
Temperature accuracy:	:

0.1 Pa -500 to + 500 Pa minimum of 1 second -40°C to +85°C (-40°F to +185°F) ± 0.1°C ± 3°C (5.4°F)

Operating temperature range: Humidity (operating and storage):

Weight:

Sensor enclosure: Mounting option: Dimensions:

-10°C to +65°C (14°F to +149°F) in PoE mode < 90% RH (non-condensating)

Steel enclosure, industrial grade 0U rack, DIN rail, magnetic, or wall mountable sensor 76 mm (3") x 68 mm (2.7") x 23 mm (0.9") 110g (0.234lbs)

Particle Matter Sensor

ENV-PARTICLE 3

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Mass concentration range:	0 – 1000 µg/m³
Particle detection size range:	Mass concentration: PM1.0, PM2.5, PM4 and PM10
	Number concentration: PM0.5, PM1.0, PM2.5, PM4 and PM10
Mass concentration resolution:	1 µg/m³
Mass concentration precision:	PM1 and PM2.5: ±10 μg/m³ @ 0 to 100 μg/m³ ±10 % @ 100 to 1000 μg/m³
I	PM4 and PM10: ±25 μg/m³ @ 0 to 100 μg/m³ ±25 % @ 100 to 1000 μg/m³
Maximum long-term mass conce	entration precision limit drift:
:	±1.25 μg/m3 @ 0 to 100 μg/m³
:	±1.25 % @ 100 to 1000 μg/m³
Lower limit detection:	0.3 μm
Lifespan:	10 years operating continuously 24hrs/day
Acoustic emission level:	25dB(A) @ 0.2m
Long term acoustic emission lev	/el drift: +0.5dB(A)/year @ 0.2m
Sampling interval:	1±0.04s
Operating temperature range:	-10°C to +65°C (14°F to +149°F) in PoE mode
Storage temperature range:	-40°C to 70°C (-40°F to 158°F)
Humidity (operating and storage	e): < 90% RH (non-condensating)
Recommended temperature and	d humidity range: 10°C to 40°C and 20% to 80% rH
Sensor enclosure: Steel enclo	osure, industrial grade
Mounting option: 0U rack, D	IN rail, magnetic, or wall mountable sensor
Dimensions: 91.6 mm (3	3.6") x 71.7mm (2.8") x 33.6mm (1.32")
Weight: 170g (0.38	lbs.)



Air Sensors

Atmospheric Corrosion (ACM) Sensor



ENV-CORROSION 5

Silver corrosion: Copper corrosion:

Design standard:

Angstrom (Å) Angstrom (Å)

ANSI/ISA 71.04-2013

Operating temperature range: Humidity (operating and storage): 0°C to +75°C (+167°F) < 90% RH (non-condensating)

Sensor housing: Mounting option: Plastic industrial grade enclosure OU rack, DIN rail, or wall mountable



Liquid Leak Sensors

Optical Oil Leak Sensor



Fuel Leak Detection Sensor

ENV-FLEAK-COMBO



 Fuel type/response time at 20°C (68 0°C): #1 diesel fuel (60 minutes) JP5 jet fuel (70 minutes) #2 diesel fuel (120 minutes) JP8 jet fuel (50 minutes) Gasoline (12 minutes) Jet-A jet fuel (50 minutes)

 Cable breaking strength (including connectors) : 22700g (50 lb)

 Data Output:
 Provides a WET/DRY indication in Base Unit

 Operating temperature range:
 0°C to +75°C (32°F to +167°F)

 Sensor enclosure:
 IP68

Sensor cable: Expandable u Mounting option: Wall, floor or Dimensions: 65 mm (2.5");

IP68 Expandable up to 30m/100ft per sensor Wall, floor or ceiling mount 65 mm (2.5") x 95 mm (3.74") x 55 mm (2.16")

Fuel Type	Typical response time at 20°C (68°F)
#1 diesel fuel #2 diesel fuel	60 minutes 120 minutes
Gasoline	12 minutes
JP5 jet fuel	70 minutes
JP8 jet fuel	50 minutes
Jet-A jet fuel	50 minutes





Liquid Leak Sensors

Industrial Water leak Location Sensor

ENV-WLEAK-LOC-COMBO5



Water detection trigger:120 secondsDrying time:Cable dries and resets within 15 seconds of removal from standing waterStandard cleaning method:Wipe with clean damp clothCable breaking strength (including connectors): 70lbs/32kgData output:Provides a WET/DRY indication in Base Unit

Operating temperature range: 0° C to + 75°C (32°F to +167°F)

or housing:IP 66or cable:Expandable up to 50m/164ft per sensornting option:Wall, floor or ceiling mountnsions:128 mm (5.03") x 78 mm (3.07") x 55 mm (2.2")ht:570g (01.26 lbs.)

Water Leak Sensing



ENV-WLEAK-COMBO-5M

Water detection trigger: 1-2 seconds Drying time: Cable dries and resets within 15 seconds of removal from standing water Standard cleaning method: Wipe with clean damp cloth

Cable breaking strength (including connectors): 70lbs/32kg Data output: Provides a WET/DRY indication in Base Unit Operating temperature range: 0°C to + 75°C (32°F to +167°F)

Sensor cable: Expandable up to 200m/656ft per sensor





Water Spot Sensor



Wipe with clean damp cloth Data output: Provides a WET/DRY indication in Base Unit

Operating temperature range:

Sensor housing: IP 66 Mounting option: Wall, floor or ceiling mount Dimensions: 65 mm (2.5") x 95 mm (3.74") x 55 mm (2.16"). Weight: 236g (0.52 lbs)



For ordering or more information, please visit our website at https://serverscheck.com/ or contact us at hello@infrasensing.com.



AC Power Sensors





DC & Other Power Sensors

Ultrasonic Fuel Level Sensor



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Measurement method: Tank depth: Accuracy distance: Chemical resistance:

Operating temperature range: Humidity (operating and storage):

Tank type style: Sensor housing material: Acoustic sonic measurement 0-2000 mm (6.5 ft) 0-2000 mm (6.5 ft) at 2 mm accuracy Petrol, diesel

4°C to 65°C (39F to 148F) < 90% RH (non-condensating)

Metal and plastic with non linear capacity IP 65 plastic housing



Battery Monitoring System





PWR-BAT-STRING တ **PWR-BAT-CELL** 3

Optional version	PWR-BAT-STRING-485 (with RS485 support)		
PWR-BAT-STRING	Measurement Range	Accuracy	Resolution
Total string current	0-300A	± 0.5%	0.07A
PWR-BAT-CELL	Measurement Range	Accuracy	Resolution
Terminal voltage	1-65V	± 0.5%	2%
Battery temperature	-55~+125℃/-67 ~+257 °F	±0.5°C/0.9°F	0.1°C/.18°F

Operating temperature range: Humidity (operating and storage):





DC & Other Power Sensors

Ground Monitoring



DC Voltage Sensor (12-80v)



PWR-DC-VOLT

Voltage:12-80V DCPolarity:Dual polarity, up to 3kV protectionVoltage channel:Up to 2 channels

Operating temperature range: 0° C to +75°C (32°F to +167°F) Humidity (operating and storage) : < 90% RH (non-condensating)



Safety & Security Sensors



For ordering or more information, please visit our website at <u>https://serverscheck.com/</u> or contact us at <u>hello@infrasensing.com</u>.



Safety & Security Sensors

Motion Sensor



SEC-MOTION

Radiated RF immunity: 20 V/m with 80% AM over range, 27MHz to 1.0GHz Conducted RF immunity: 10V with 80% AM over range 150kHz to 80MHz Static immunity: 15 kV Transient immunity: 2.4 kV @ 1.2 joules

Operating temperature range: 0°C - 37°C (32°F - 100°F)

Humidity (operating and storage): < 95% RH (non-condensating)



Digital Shock / Vibration Sensor



SEC-SHOCK

Vibration unit: ±2.g Sensor sensitivity: 0.18g

Operating temperature range: 0°C to +75°C (32°F to +167°F) Humidity (operating and storage): < 90% RH (non-condensating)

Smoke Sensor

SEC-SMOKE

3



Photoelectric smoke detection Built-in Drift Compensation Reduces False Alarms; Self-diagnostics Meets NFPA 72 Sensitivity Testing Requirements without the Need for External Meters

Operating temperature range: 0°C - 37°C (32°F - 100°F)

Humidity (operating and storage): < 95% RH (non-condensating)



Digital sound & noise level (dbA) sensor



ENV-NOISE

Sensor Accuracy:±0.5 dBSound (dB) Resolution:0.1 dB precisionSensor Range:30-120dB

3

Operating and storange temperature range: 0°C to +50°C (32°F to +167°F) Relative humidity (operating and storage): < 80% RH

Sensor enclosure: Steel enclosure, industrial grade Mounting option: OU rack, DIN rail, magnetic, or

wall mountable sensor





Industrial Contacts, Inputs, Outputs Sensors

IO - Dry Contact Sensor





BASE-5

The Base Unit is a stand-alone, IP-based monitoring device with built-in alerting features, serving as the foundational unit for our entire ServersCheck sensor solution lineup. The BASE-5 version incorporates various built-in features, including an onboard temperature sensor, a secure HTTPS-enabled web server, and a fully responsive web interface accessible on desktops, tablets, or smartphones. This Base Unit seamlessly supports all ServersCheck sensors except for Gas and Thermography sensors, enabling real-time environmental and infrastructure monitoring for comprehensive facility management.





BASE-6

The BASE-6 is an updated version of the Base Unit that includes new built-in features, such as RS485 on a terminal block. It boasts a data memory of QSPI 256Mbit and allows for the insertion of an SD Card. Additionally, it has two status LEDs on the PCB.



BASE-6

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- - -

TCP/IP: Network data transfer: Built-in: Built-in alerting options: Network protocol:

Storage: Powered by: Connectivity: Cable specification: Power usage: Industrial protocol:

Operating temperature range: Humidity (operating & storage):

Sensor enclosure: Mounting option: IPv4 at 10/100 Mbps SNMP GET (50-130 bytes), SNMP Trap (143-280 bytes) Web server, SNMP v2 & v3 (MD5/AES), Modbus TCP Email and SNMP traps DHCP or status IPv4

2GB of on-board data (sensor) logging It is powered via PoE or 24vDC input via ther terminal block RJ45 cable transmitting data & power from Base Unit to Sensor RJ45 CAT 6/7 recommended; Up to 100m (330ft) subject to cable quality & interference 684 mW (without sensors attached) SNMP, Modbus RTU, Modbus TCP, TLS, (HTTPS), MQTT

-25°C to +70°C (13°F to +158°F) < 90% RH (non-condensating)

Steel enclosure, industrial grade OU rack, DIN rail, magnetic or wall mountable



The Base Unit, requires by default a network cable and 12v DC or POE power input with network based alerting.

With the optional add-on modules, customers can add other network and power connectivity options to the base units. The Cellu-Iar Alerting & GPS modules enable to receive alerts even when your IP network is down and provides location data.



LTE/30	G/2G Cellular A	dd-On
	ADDON-LTE	
• • • • <td>LTE FDD: Optional positioning: Wireless module: Carrier approvals: Cellular/Telus/Ro Regulatory approvals: GCF (Global), CE IFETEL (Mexico), JATE/TELEC (Jap (Thailand), IMDA Operating temperature ran Humidity (operating and sto Sensor enclosure: Mounting option:</td> <td>FDD/B2/B4/B12 GPS Quectel wireless module embedded Deutsche Telekom(Europe), AT&T/Sprint/U.S. ogers(Canada) (Europe), FCC (North America), IC (Canada), Anatel (Brazil), SRRC/CCC/NAL (China), KC (South Korea), NCC (Taiwan, China), pan), RCM (Australia & New Zealand), FAC (Russia), NBTC (Singapore), ICASA (South Africa) ge: -40°C to +85°C (-40°F to +185F) prage): <90% RH (non-condensating) Steel enclosure, industrial grade OU rack, DIN rail, magnetic or wall mountable</td>	LTE FDD: Optional positioning: Wireless module: Carrier approvals: Cellular/Telus/Ro Regulatory approvals: GCF (Global), CE IFETEL (Mexico), JATE/TELEC (Jap (Thailand), IMDA Operating temperature ran Humidity (operating and sto Sensor enclosure: Mounting option:	FDD/B2/B4/B12 GPS Quectel wireless module embedded Deutsche Telekom(Europe), AT&T/Sprint/U.S. ogers(Canada) (Europe), FCC (North America), IC (Canada), Anatel (Brazil), SRRC/CCC/NAL (China), KC (South Korea), NCC (Taiwan, China), pan), RCM (Australia & New Zealand), FAC (Russia), NBTC (Singapore), ICASA (South Africa) ge: -40°C to +85°C (-40°F to +185F) prage): <90% RH (non-condensating) Steel enclosure, industrial grade OU rack, DIN rail, magnetic or wall mountable
		Cellular Alerting



Add-Ons

Wifi Add-On





Add-Ons

Satellite Add-On





Expansion Hubs

Sensorhub for Base Unit





Processor (CPU):

Memory (RAM):

Default Storage:

Cellular Network:

Operating System:

AC/DC Power Adapter:

+24V or -48V input:

Network:

Screen:

Mount:

Software:

PoE powered:

Optional Additional Storage:

Monitoring Platform

On-Premises Touch Appliance



3

MON-TOUCH2

Intel Pentium Gold 4425Y 4GB 64GB

WiFi 2.4 & 5Ghz

10.5" touch 1920x1280 Windows 10 IoT Enterprise ServersCheck Monitoring Software VESA 100x100 ✓ optional optional

MON-TOUCH2-LTE

Intel Core M 8GB 128GB up to 1 TB (via SD card) WiFi 2.4 & 5Ghz LTE 10.5" touch 1920x1280 Windows 10 IoT Enterprise ServersCheck Monitoring Software VESA 100x100 ✓ optional optional





Price Quote & Order Form

SKU	Name	Quantity
Temperature and Humid	ity Sensors for IT Infrastructure	
ENV-TEMP	Temperature Sensor	
ENV-THUM	Temperature and Humidity Sensor	
DAISY-TEMP	Daisy Chain Temperature Sensor Unit	
DAISY-THUM	Daisy Chain Temp & Humidity Unit	
C-ENV-THUM	ISO17025 Calibrated Cylindrical Temperature & Humidity	
DAISY-THUM-C	ISO17025 Calibrated Cylindrical Daisy Chained Temperature & Humidity	

SKU	Name	Quantity
Daisy Chain Sensors		
DAISY-STARTER	Daisy Chain Starter	
DAISY-BOOSTER	Daisy Chain Booster	

SKU	Name	Quantity
Air Sensors		
ENV-AIRFLOW	Digital Airflow Sensor	
ENV-AIRPRESSURE	Differential Air Pressure Sensor	
ENV-DUST	Optical Dust Particle Sensor	
ENV-PARTICLE	Particle Sensor	
ENV-AIRQUALITY	CO2, VOC, Temperature and Humidity Sensor	
ENV-CORROSION	Atmospheric Corrosion (ACM) Sensor	

SKU	Name	Quantity
Liquid Leak Sensors		
ENV-LEAK OPTICAL	Optical Oil & Hydrocarbon Leak Sensor	
ENV-WLEAK-COMBO	Water Detection & Flooding Sensor	
ENV-WLEAK-LOC- COMBO5	Water Leak Location Sensor	
ENV-WSPOT	Water Spot Sensor	
ENV-FLEAK-COMBO	Fuel Leak Detection Sensor	

SKU	Name	Quantity
AC Power Sensors		
PWR-AC-FAIL	AC Power Failure Sensor	
PWR-AC-QUAL	AC Power Quality Sensor	
PWR-AC-CUR	AC Current (Power Usage) Sensor	

SKU	Name	Quantity
DC & Other Power Senso	rs	
PWR-DC-VOLT	DC Voltage Sensor (12-80V)	
PWR-BAT-STRING	Battery Monitoring - Control Module	
PWR-BAT-CELL	Battery Monitoring - Battery Module	
PWR-GROUND	Grounding Sensor	
PWR-FUEL	Ultrasonic Fuel Level Sensor	

SKU	Name	Quantity
Safe & Security Sensors		
ENV-NOISE	Digital sound & noise level (dbA) sensor	
SEC-DOOR	Door Contact Sensor	
SEC-LUX	Light Sensor	
SEC-SHOCK	Digital Shock / Vibration Sensor	
SEC-TILT	Tilt Sensor	
SEC-SMOKE	Smoke Sensor	
SEC-MOTION	Motion Sensor	
SEC-SOUND	Noise triggered security sensor	

SKU	Name	Quantity
Industrial Legacy Sensors		
IND-IO	IO-Dry Contact Sensor	
IND-0-10V	Industrial 0-10V	
IND-4-20mA	Industrial 4-20mA	

SKU	Name	Quantity
Base Unit		
BASE-IT-5	Standard Base Unit	
BASE-PWR	Power Adapter for Base Unit	
BASE-PWR-USB	USB Power Cable for Base Unit	
Add-Ons		
ADDON-LTE	LTE/3G/2G Cellular Add-On	
ADDON-WIFI	Wifi Add-On	
ADDON-RTU	Modbus RTU (Slave) Add-On	
ADDON-SATELLITE	Satellite Add-On	
Expansion Hubs		
EXP-8HUB	SensorHub for Base Unit	

SKU	Name	Quantity
Monitoring Platform		
MON-TOUCH2-LTE	Monitoring Touch Appliance with LTE	
MON-TOUCH2	Monitoring Touch Appliance	



1 - FILL IN THE QUANTITIES NEEDED PER SKU ON THE PREVIOUS PAGE

2 - BILLING ADDRESS

Billing information	
Company Name :	
First & Last Name :	
Street address :	
City:	Postal (Zip) Code :
Country :	
Phone :	Email :

3 – SHIPPING ADDRESS

Billing information	
Company Name :	
First & Last Name :	
Street address :	
City:	Postal (Zip) Code :
Country :	
Phone :	Email :

4 - PRICE QUOTE OR ORDER



SEND ME A PRICE QUOTE

ORDER

5 - ORDER APPROVAL (leave blank for price quotes only)

Authorize your order
Signature :
First name & last name :
Job title:

6 - SEND THIS FORM

You can send this form by email to hello@infrasensing.team or by fax to +1-800-520-4393 Please allow 2-3 business days for processing your form.



Introducing our versatile sensor platform, meticulously tailored to cater to the distinct needs of four critical industries:



ServersCheck ®:

Our journey commenced with ServersCheck—a comprehensive software and hardware solution dedicated to monitoring data & IT infrastructure. Encompassing all products, including refrigerant gas sensors, ServersCheck stands as a holistic offering, ensuring the seamless functionality of IT components.



SwitchMon ™:

Expanding our product line, SwitchMon is designed to prevent failures in switchgear, transformers, and critical power systems through continuous thermal and environmental monitoring. In the first phase, SwitchMon focuses on monitoring the environment in which these critical power systems operate. The Second phase involves continuous thermal monitoring of the switchgear, ensuring optimal conditions and preventing potential failures in essential power infrastructure.



Prevent-iOn ™:

Elevating our commitment to safety, the Prevent-iON is dedicated to preventing battery fires and failures through off-gas and anomaly detection. PreventiON operates in two essential phases: first, it continuously monitors the environmental conditions in which these systems operate; second, it identifies specific risks, such as off-gas emissions from batteries and other potential anomalies.



CRASense [™]:

In data centers and server rooms, maintaining optimal environmental conditions is crucial to ensuring the reliable performance and longevity of IT equipment. CRASense, part of the Infrasensing product line, offers a specialized solution for monitoring key environmental factors within Computer Room Air Conditioning (CRAC) and HVAC systems. By continuously tracking temperature, humidity, and airflow, CRASense helps safeguard critical infrastructure against potential risks such as overheating, moisture damage, and airflow disruptions.

In essence, our sensor platform not only optimizes monitoring for specific industries but also provides nuanced product differentiations to address the unique requirements of each sector.

For ordering or more information, please visit our website at https://serverscheck.com/ or contact us at hello@infrasensing.com.