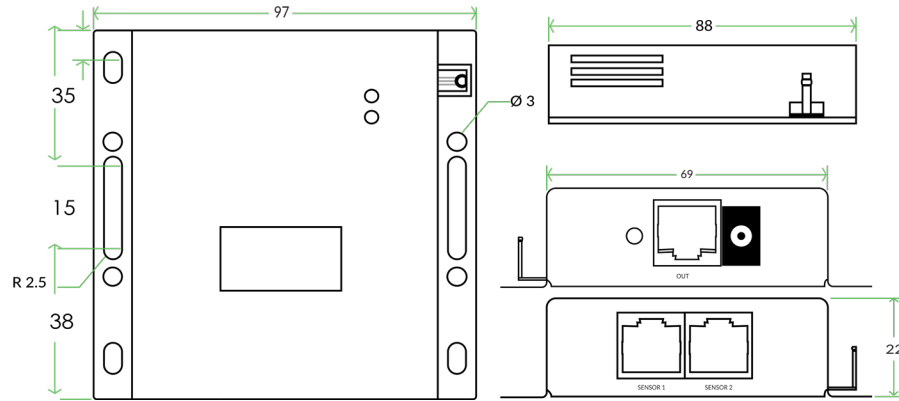




## Base Unit (BASE-5)



units in mm



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.

### Certifications:

cULus 62368-1
FCC Certified
CE Certified

### Sensor Metrics:

TCP/IP	IPv4 at 10/100 Mbps
Network data transfer	SNMP GET (50 - 130 bytes) , SNMP Trap (143 - 280 bytes)
Built-in	Web server, SNMP v2 & v3 (MD5/AES), Modbus TCP
Built-in alerting options	Email, voice call or SMS
Network protocol	DHCP or status IP

### Supported Sensors:

ENV-XX	PWR-XX
IND-XX	SEC-XX

### Technical Specifications:

Powered by	PoE: IEEE 802.3af or BASE-PWR (Optional AC power adapter) or BASE-PWR-USB (USB power adapter)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Power usage	684 mW (without sensors attached)
Industrial protocols	SNMP and Modbus TCP Modbus RTU with ADDON

### Environmental Specifications:

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

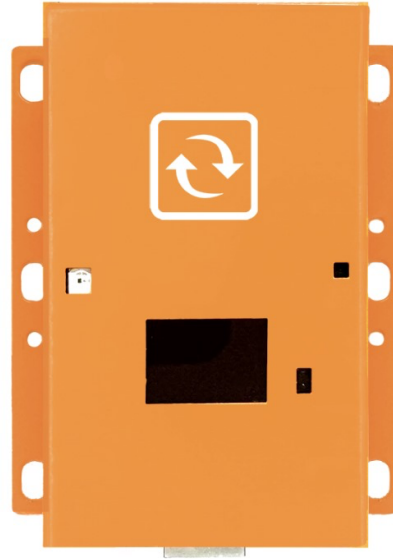
### Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	OU rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	97mm (3.82") x 88mm (3.46") x 22mm (0.87")
Weight	189.8g (0.42lbs)

The visual appearance and dimensions presented on this datasheet are for illustrative purposes only and are subject to change without prior notice. Actual product appearance and dimensions may vary due to continuous product improvement and manufacturing



## Base Unit (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.

### Sensor Metrics:

TCP/IP	IPv4 at 10/100 Mbps
Network data transfer	SNMP GET (50 - 130 bytes) , SNMP Trap (143 - 280 bytes)
Built-in	Web server, SNMP v2 & v3 (MD5/AES), Modbus TCP
Built-in alerting options	Email and SNMP traps
Network protocol	DHCP or status IPv4

### Supported Sensors:

ENV-XX	PWR-XX
IND-XX	SEC-XX

### Technical Specifications:

Storage	2GB of on-board data (sensor) logging
Powered by	It is powered via PoE or 12v DC to 24v DC input via the terminal block
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Power usage	684 mW (without sensors attached)
Industrial IP protocols	SNMP, Modbus RTU, Modbus TCP, TLS, (HTTPS), MQTT

### Environmental Specifications:

Operating temperature range	-25°C to +70°C (13°F to +158°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

### Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	OU rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	84.6mm (3.33") x 104.4mm (4.11") x 29.6mm (1.17")
Weight	211g (0.47lbs)