

WE SENSE DISASTER...
AND NOW YOU ARE IN CONTROL...



Temperature Sensors



Waterproof

The AKCP Temperature sensors are of the semiconductor, microprocessor controlled type, designed to record accurate temperature data. It is compatible with all AKCP sensorProbes.

You can plug in up to 2 temperature sensors on the sensorProbe2 and up to 8 on sensorProbe8, sensorProbe8-X20/X60 and cameraProbe8. All temperature sensors come with an RJ-45 male connector and can be easily plugged in to the RJ-45 jacks on the sensorProbe. Specially designed CAT 5 cable assures a correct reading up to 100 feet, and is available in standard length of 1 foot, 15 feet, 60 feet and 100 feet, allowing the sensors to be positioned in hot spots. These temperature sensors can be extended beyond their standard length. In some cases they can be extended up to 1,000 feet.

The sensorProbe auto detects the presence of the temperature sensor once plugged into the RJ-45 port. A built in graph option is included on all sensorProbes for graphing temperature variations over a period of time.

Each temperature sensor has its own SNMP OID so that the data can be collected over network and graphed using external application like MRTG.

The temperature sensor can be read using included SNMP utilities to allow graphing and data logging at 0.5°C resolution.

We also sell a Waterproof version of our Temperature Sensor
Product Code : TMPW15

Specifications

- Never needs Calibration
- Measurement range Celsius: -55°C to +75°C
- Measurement resolution Celsius: 1°C increments.
- Measurement accuracy Celsius: $\pm 0.5^\circ\text{C}$ accuracy from -10°C to +75°C
- Measurement range Fahrenheit: -67°F to +167°F
- Measurement resolution Fahrenheit: 1°F increments.
- Measurement accuracy Fahrenheit: $\pm 0.9^\circ\text{F}$ accuracy from +14°F to +167°F
- Communications cable: RJ45 jack to temperature sensor using UTP Cat 5 wire
- Sensor type: semiconductor microprocessor controlled
- Power source: powered by the sensorProbe. No additional power needed.
- Power Consumption: Typical 10.70 mWatt, 2.14mA
- sensorProbe autodetects the presence of the temperature sensor
- Measurement rate: one reading every second
- Up to 2 temperature sensors per sensorProbe2, 8 per sensorProbe8 and cameraProbe8

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Features

- Available in 1 foot, 15 feet, 60 feet and 100 feet sizes
- RJ-45 connection for easy and Simple installation
- Full autosense including disconnect alarm
- TMP00 can be extended to your desired cable length using one of our CAT5 extension cables, CABXX, or you can provide your own cable of any length up to 1000 feet.