

These units are available in both remote temperature and remote temperature/humidity versions. The remote box can be connected to the sensorProbe by using a standard CAT-5 cable with RJ45 connectors.

This provides the customers a flexibility to position the sensorRemote box anywhere with a custom cable. The sensorRemote box contains sensors and support circuitry allowing the cable to be extended up to 1,000 feet. Standard RJ45 connectors are used, allowing the sensorRemote box to be connected via corporate networking patch panels in many cases.



When the sensorRemote box is plugged into the RJ-45 port, the sensorProbe will auto detect the sensor, and it will display temperature or temperature/humidity for each RJ-45 port. A built in graph option is included on all sensorProbes for graphing temperature or temperature/humidity variations over a period of time.

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

The temperature sensor in the temperature/humidity sensorRemote box can be read using included SNMP utilities to allow graphing and data logging at 0.2°C resolution.

Specifications - sensorRemote Temperature sensor

- Never needs Calibration
- Measurement range Celsius: -55°C to +125°C
- Measurement resolution Celsius: 1°C increments
- Measurement accuracy Celsius: ±0.5°C accuracy from -10°C to +85°C
- Measurement range Fahrenheit: -67°F to +257°F
- Measurement resolution Fahrenheit: 1°F increments
- Measurement accuracy Fahrenheit: ±0.9°F accuracy from +14°F to +185°F
- Sensor type: semiconductor microprocessor controlled
- Power source: powered by the sensorProbe. No additional power needed
- The sensorProbe auto detects the presence of the temperature sensor
- Measurement rate: one reading every second
- Up to 2 temperature sensors per sensorProbe2, 8 per sensorProbe8 and cameraProbe8
- Full auto sense including disconnect alarm

Specifications - Temperature

- Never needs Calibration
- Measurement rate: one reading every second.
- Measurement range Celsius: -40°C to +123°C
- Measurement resolution Celsius: 1°C
- Measurement accuracy Celsius: ±0.2°C accuracy from -40°C to +120°C
- Measurement range Fahrenheit: -40°F to +254°F
- Measurement resolution Fahrenheit: 1°F increments
- Measurement accuracy Fahrenheit: ±0.4°F accuracy from -40°F to +248°F

Visit AKCP website for more details
<http://www.akcp.com>

Humidity

- Never needs Calibration
- Measurement rate: one reading every second
- Measurement range: 0 to 100% Relative humidity
- Sensor element is waterproof
- Resolution: 1%
- Accuracy at 25°C ±3%
- Communications cable: RJ-45 jack to dual sensor using UTP Cat 5 cable
- Power source: powered by the sensorProbe
- The sensorProbe auto detects the presence of the dual sensor
- Includes disconnect alarm
- Up to 2 dual sensors per sensorProbe2, 8 per sensorProbe8 and cameraProbe8