sensorProbe2 (SP2)

2 port sensor monitoring device

Simple, Accurate and Rugged, sensorProbe2 is a low cost SNMP enabled and Web-Based Environmental Monitoring Device. Based on years of Industry experience it's ready to run right out of the box, simply assign the IP address and connect to the embedded web server.

Temperature and Humidity Monitoring

Use one of the SP2's sensor ports to connect our dual temperature and humidity sensor. This gives 2 sensors on a single sensor port, leaving one spare for additional sensors, such as a spot water sensor or airflow.

Technical Specifications

Dimension	Size 4.5″ x 2.5″ x 1.25″ Weight : 0.3 Kg
Mounting	0u rack-mount, or wall hanging
Power	External 5.5V 3A Power Adapter Input Voltage and Current ratings : 100V~240V - 0.22A Optional : PoE (PoE is IEEE 802.3af compliant)
Power Consumtion	Typical 1.125 Watt, 0.15A
Status Indication	LED indication for power LED for network connectivity LED for sensor online and threshold status LED for output online and power output status
Components	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
Operating Environment	Temperature : Min. -35° C – Max.80° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
MTBF	1,400,000 Hours based on field experience with sensorProbe units.
Inputs	2x Sensor Ports for connecting AKCP sensors (Up to 10 dry contacts) 1x 10/100 Mbps Ethernet Port
Outputs	Configurable output signals (0VDC/5VDC) on any of the 2 RJ-45 sensor ports
Licensing	
10 Dry Contact : DCUPGSP2	10 dry contact input sensor (2x 5 Dry Contacts)

SP2 - Technical Drawing

16.90mm

63.90mm

120.35mm

63.90mm

44.52mm

120.35mm

40.20mm

63.90mm

Sensor2   Sensor1   Ethernet   5VDC ⊖─◑─⊕