

## EA1240

Temperature & Humidity Sensor



For environmental monitoring and management, ATEN provides sensor probes that work in tandem with the Power Distribution Units, which enable you to get readings of temperature and humidity. Environmental conditions can be monitored with alarms according to customizable minimum/maximum thresholds set for temperature and humidity.

\*The Sensor is an optional accessory. You can use the ATEN PDU without environmental sensors. However, if you want to have complete energy management of your data center with the full use of ATEN solutions, a sensor installation is required.

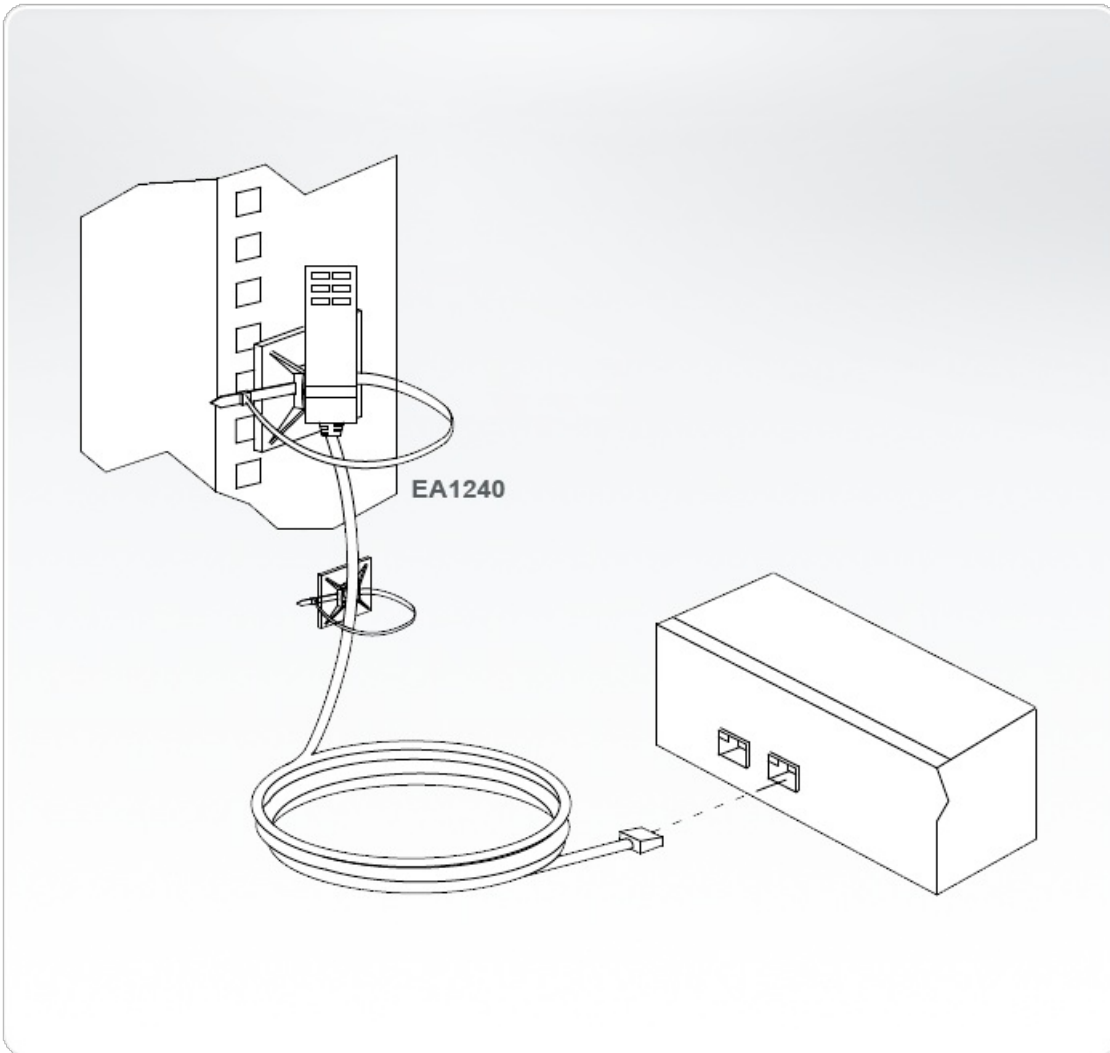
### Features

- Measurement range:  $-^{\circ}\text{C}$  (Temperature); 30 – 80 % RH (Humidity)
- Measurement accuracy:  $\pm 1^{\circ}\text{C}$  (Temperature);  $\pm 3\%$  RH (Humidity)
- Compact design – built in 3m cable
- High sensitivity

**Specification**

|                       |   |
|-----------------------|---|
| Connectors            | RJ-11 Male                                    |
| Measurement           |   |
| Range                 | Temperature: 0 - 40°C<br>Humidity: 30– 80% RH |
| Accuracy              | Temperature: +/- 1°C<br>Humidity: +/- 3 % RH  |
| Supply Voltage        | 5 VDC (Max)                                   |
| Current Consumption   | 5mA(Max); 2mA(Avg.)                           |
| Environmental         |   |
| Operating Temperature | 0 - 55°C                                      |
| Storage Temperature   | -20 - 70°C                                    |
| Humidity              | < 95% RH                                      |
| Physical Properties   |   |
| Housing               | Plastic                                       |
| Weight                | 0.06 kg                                       |
| Cable Length          | 3 m   |

Diagram



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