Smartzone™ G5

Sensor Hub (EF001)

Sensor Hub allows for 3 additional sensor ports to be added to iPDU. Two (2) Sensor Hubs can be installed with a PDU allowing for 8 sensor measurements.

Environmental sensors are engineered with an embedded microchip that converts analog signals to digital format before data travels to the PDU, providing greater data accuracy. This smart design also enables easy plug & play installation that takes just moments to complete.

The Sensor Hub allows for up to 8 environmental factors to be measured and monitored per PDU to allow for greater efficiency and favorable operating conditions.
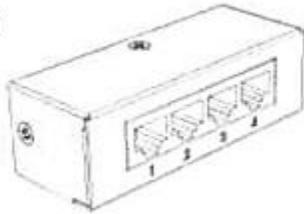
SPECIFICATION

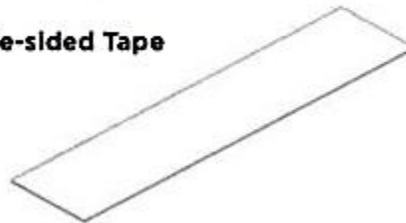| Electrical	Requirement
Operational voltage	5V DC
Range	0 to 4m/s
Accuracy	±5% FS (25 ° C characteristic)
Physical	
Wire Length	3 m
Wire Type	CAT.5E Patch Cable, UTP
Environmental	
Temperature (Operating/Storage)	0°C~+60°C (32 ~ 140°F)/-20~ + 70°C (-4 ~ 158°F)
Humidity (Operating/Storage)	35% to 85% RH, non-condensing
Compliance	
Environmental Verification	ROHS, WEEE

SENSOR INVENTORY

- **Sensor Hub**

- **Cable ties**

- **Double-sided Tape**

INSTALLATION INSTRUCTIONS

1. Plug a standard Ethernet cord into either Sensor-1 or Sensor-2 port on the iPDU.

   Note: A iPDU can identify and measure up to 6 sensors, while the Sensor Hub can connect up to 3 sensors, each. If using two (2) Sensor Hubs on one (1) iPDU, connect the first sensor Hub to the Sensor-1 port on the iPDU. Connect the second Sensor Hub to the Sensor-2 port on the iPDU.

2. Plug the other end of the Ethernet cord into a port location on the Sensor Hub.
3. Plug additional environmental sensor cables into the remaining ports on the Sensor Hub.
4. Use double-sided tape and/or cable ties to secure the Sensor Hub. The Sensor Hub can be attached to the inside or outside of the rack, per user preference.
   - The sensor hub is now installed and ready for use. For more information, contact your regional sales office or go to web.