Model Name:

Intelligent Temperature & Humidity Detector

The intelligent temperature and humidity sensor provides remote monitoring of ambient temperature and humidity. Set up overload event alerts and notify managers via Email and TRAP, allowing managers to respond to crises in the shortest possible time to minimize disasters.

All temperature and humidity data are available from any web browser and is SNMP-compliant for easy tracking of critical data without the use of any external software.

Provide central management software, which can manage a large number of temperature and humidity information. The database stores the information and provides the history curve chart for the manager's reference.

Features:

System Function:

- Embedded system:
  Support 10/100M Ethernet interface, provides webpage and SNMP remote management.

- Multiple protocols:
  Support ICMP, ARP, IP, TCP, UDP, DHCP, HTTP, HTTPS, FTP, NTP, SNMP v1/2/3, TLS1.2, IPv4 and IPv6, Telnet, SSHv2

- Management Account Certification:
  Radius certification support.

- Multi-account management:
  Multi-group account management system. And provide three-tier permission management.

- IP filtering:
  Support IP filtering, improve network security mechanisms.

- Power record:
  Store up to 100000 power and event data.

- Remote firmware upgrade:
  Provides remote firmware upgrade mechanism.

- System operation message:
  Send the normal operation of the message automatically by trap.

- Hardware key definition:
  User-definable button function.

- Temperature unit conversion:
  Temperature units can choose Celsius or Fahrenheit

- System configuration restore:
  Support the output of the system settings, to easily deploy a large amount of the same model of DEVICE.

- Multilingual Support:
  Support Chinese, English, French, German, Spanish, Russian, Czech, Arabian, Persian.

Temperature and Humidity Management:
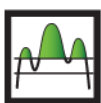

Remote Monitor

Remote monitoring DEVICE status by web and SNMP

Environment Detection

Optional accessory probe to detect temperature and humidity.

Threshold Sensing

User-definable warning and overload threshold value as the basis for alarm.

Mail Notification

Notify specified user by mail and SNMP when outlet action or current over threshold.

Event Alert

When current exceeds the preset threshold, DEVICE will beep and LED will flash.

Central Management

Free centralized monitoring software, real-time monitoring of a large number of DEVICE, provide data records and history chart.

Ping Event Control

When the specified IT device does not respond to PING, the output will perform a preset power action.

Power Sequence

User-definable power on/off sequence time.

Group Control

Set multiple outlets as a single group while controlling the power output.

Schedule Control

Timed & scheduled on/off/reboot control.

Event Reaction

Outlet action via pre-set event, including power, environment event and receiving trap from other device.

Remote Control

Remote per outlet on/off by web and SNMP.

Model Number:

IOT-TH-01

Specification

Output		Input	
Voltage	100-127 VAC	Voltage	100-127 VAC
Max. Current	15 A	Frequency	50/60Hz, full range
Outlet	(2) 5-15R	Max. Capacity	1905 VA
ON/OFF Ind.	(2) Green LED @ Front	Connection	5-15P 電源線，1.8 米
	(2) Green LED @ Back	Power Ind.	(1) Red LED @ Front
			(1) Red LED @ Back

Measurement		Other	
None		ENET Connection	(1) RJ45
		ENV Connection	(1) RJ11
		Function Selection	(1) Hole
		Signal Ind.	(1) Yellow LED @ Front
			(1) Yellow LED @ Back

Temperature		Humidity	
Range	-30℃~70℃	Range	0~100%
Resolution	0.1℃	Resolution	0.1%
Precision	±1℃	Precision	±3% @ 5℃~60℃, 20%~80%
			±5% @ other condition
		Sampling rate	1 second

Dimension/Weight		Operation	
Net Size	120 x 85 x 58 mm	Operation Temp.	0 ~ 50℃
Net Weight	0.87 kg	Operation Humid.	0% ~ 90% RH
Package Size	230 x 175 x 65mm	Storage Temp.	-20℃ ~ 65℃
Package Weight	1 kg	Storage Humid.	0% ~ 90% RH

Approval	
Certification	CE
Warranty	2 years

Package

No	Description
1	PDU 1 set
2	Power cord, C13 to 5-15P, 1.8 m

No	Description
3	ENV probe 1 set

No	Description
4	Manual, MIB by link below

Line Drawing
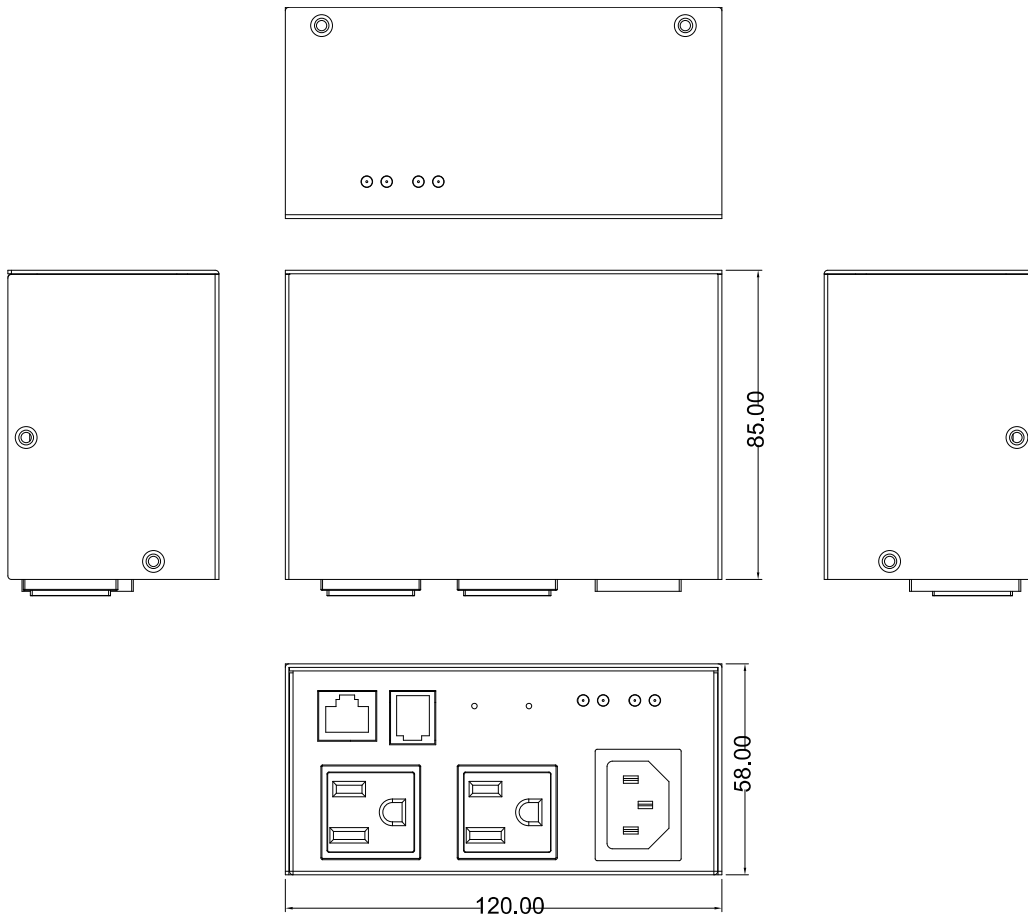
Temp./Humidity Probe

Specification

Hardware				
Connection	RJ11, cord 1.8m			

Temperature		Humidity	
Range	-30℃~70℃	Range	0~100%
Resolution	0.1℃	Resolution	0.1%
Precision	±1℃	Precision@ 5℃~60℃, 20%~80%	± 3%
		Precision@ other condition	±5%
		Sampling rate	1 second

Operation		Dimension/Weight	
Operation Temp.	0℃~50.0℃	Size	127 x 22 x 20 mm
Storage Temp.	-20.0℃~60.0℃	Weight	62 g
		Package Size	185 x 110 x 56 mm
		Package Weight	110 g