

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 Monitor

Remote monitoring DEVICE status by web and SNMP



ENVIRONMENT DETECTION

Environment Detection

Optional accessory probe to detect temperature and humidity.



THRESHOLD SENSING

Threshold Sensing

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



MAIL NOTIFICATION

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.

Model Number:

IOT-TH-01A



Specification

Output		Input	
None		Voltage	100-240 VAC
		Connection	C14 Inlet
		Power Status	(1) Red LED
Measurement		Other	
None		ENET Connection	(1) RJ45
		ENV Connection	(1) RJ11
		Function Selection	(1) Rest Hole
		Signal Ind.	(1) Yellow LED
Temperature		Humidity	
Range	-30°C~70°C	Range	0~100%
Resolution	0.1°C	Resolution	0.1%
Precision	±1°C	Precision	±3% @ 5°C~60°C, 20%~80% ±5% @ other condition
		Sampling rate	1 second
Dimension/Weight		Operation	
Net Size	120 x 85 x 58 mm	Operation Temp.	0 ~ 50°C
Net Weight	0.87 kg	Operation Humid.	0% ~ 90% RH
Package Size	230 x 175 x 65mm	Storage Temp.	-20°C ~ 65°C
Package Weight	1 kg	Storage Humid.	0% ~ 90% RH
Approval			
Certification	CE		
Warranty	2 years		

Package

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

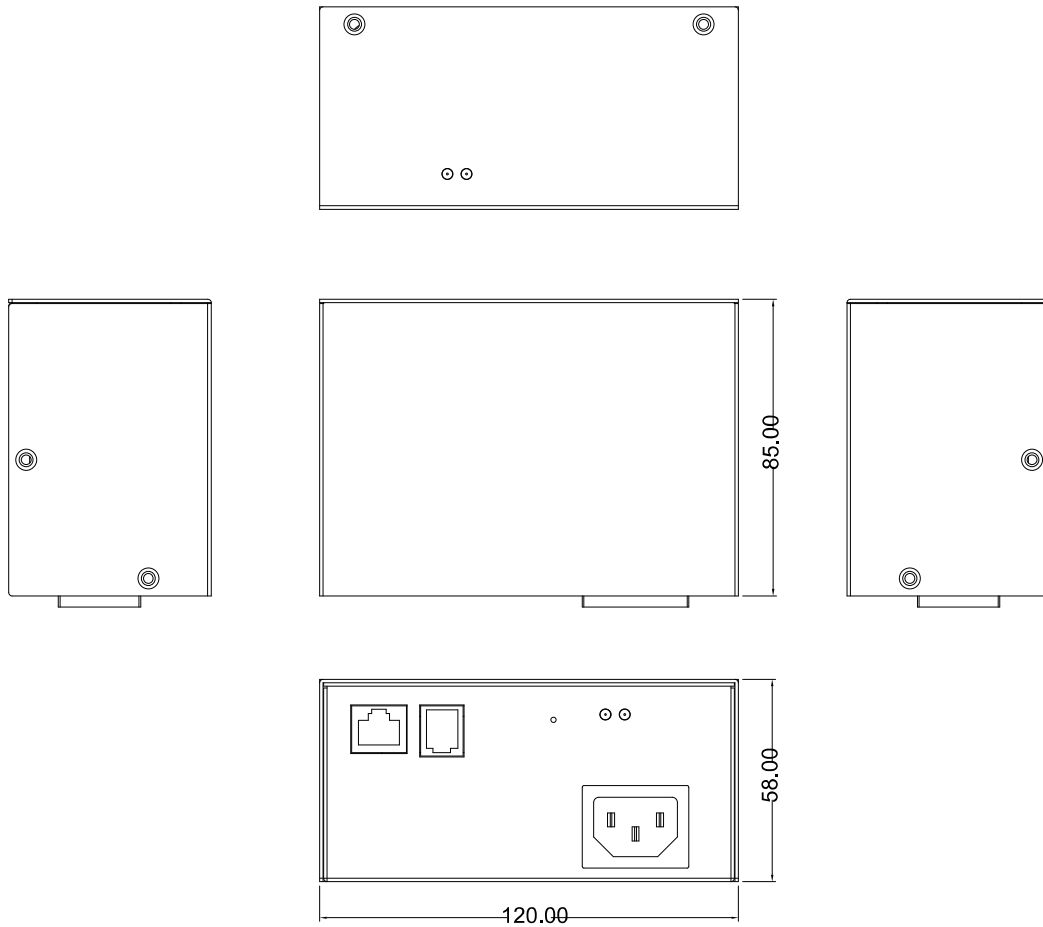


- 3 Manual, MIB by link below



- 4 ENV probe 1 set

Line Drawing



Temp./Humidity Probe



Specification

Hardware			
Connection	RJ11, cord 1.8m		
Temperature		Humidity	
Range	-30°C~70°C	Range	0~100%
Resolution	0.1°C	Resolution	0.1%
Precision	±1°C	Precision@ 5°C~60°C, 20%~80%	± 3%
		Precision@ other condition	±5%
		Sampling rate	1 second
Operation		Dimension/Weight	
Operation Temp.	0°C~50.0°C	Size	127 x 22 x 20 mm
Storage Temp.	-20.0°C~60.0°C	Weight	62 g
		Package Size	185 x 110 x 56 mm
		Package Weight	110 g