Model Name:

Intelligent 4 DI/DO Manager

The manager provides DIDO function. Users can remotely connect any type of sensor, including smoke detection, water detection, flow detection, access control, proximity switches and other sensors to determine the environmental status. When the status changes, set event alarms and notify managers via e-mail and SNMP TRAP, so that managers can respond to crises in the shortest time to minimize disasters.

The manager also has a temperature and humidity sensor interface, which can add a set of sensors to track temperature and humidity data.

Provide management software, which can manage a large number of environmental managers at the same time, store data in the database, and provide historical curve charts for 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, TLS1.3, 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 PDU.

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

Power Management:

Remote Monitor

Remote monitoring device status by web and SNMP

Remote Control

Remote DO on/off by web and SNMP.

Digital I/O

Connect various sensors. Support web pages to set various actions.

Mail Notification

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

Schedule Control

Timed & scheduled on/off/reboot control.

Event Reaction

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

Ping Event Control

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

Environment Detection

Optional accessory probe to detect temperature and humidity.

Power Sequence

User-definable DO on/off sequence time.

Model Number:

IOT-IO-04

Specification

Input		Other	
Voltage	100VAC-240VAC	ENET Connection	(1) RJ45
Connection	C14 Inlet	ENV Connection	(2) RJ11
Power Status	(1) Red LED	Function Selection	(1) Button
		DHCP Ind.	(1) Green LED
		SSL Ind.	(1) Blue LED
		Info. Display	4 digits of 7 Segments

DI	DO
Type: Dry contact	Type: Relay
1 set of 4-way terminal block.	1 set of 4-way terminal block.
Connection: 0.5 to 1.5 mm^2/ 28 to 14AWG	Connection: 0.5 to 2.5 mm^2/24 to 12 AWG
Close status: Impedance less than 50 ohms	Range : Contact Open(off) or Close (on)
Open status: Impedance greater than 50 ohms	Rated load:16A 240VAC / 16A 24Vdc
	Max. switching current: 16A
	Max. switching voltage: 250VAC
	Max. switching capacity: 4000VA

Dimension/Weight		Operation	
Net Size	210 x110 x 56 mm	Operation Temp.	0 ~ 50℃
Net Weight	1 kg	Operation Humid.	0% ~ 90% RH
Package Size	TBD	Storage Temp.	-20℃ ~ 65℃
Package Weight	TBD	Storage Humid.	0% ~ 90% RH

Approval	
Warranty	2 years

Package

No.	Description	
1	PDU 1 set	
2	Model number: **IOT-IO-04A** C13 to 5-15P, power cord 1.8m	Model number: **IOT-IO-04J** Power cord, C13 to C14, 1.8 m
3	Manual, MIB by link below	

Line Drawing