

Model Name:

Intelligent Integrated Environment Manager

Intelligent Integrated Environment Manager provides remote manual control of the critical devices by clicking on a few buttons on the smart phone or computer webpage. Stop the problem device by cutting off the power to a specific outlet. By cycling the power off and restarting the device remotely, you save time and money by eliminating the need to send technicians to the root cause of the problem.

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, TLS1.2, 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.

Power Management:



REMOTE MONITOR

Remote Monitor

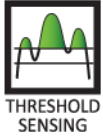
Remote monitoring device status by web and SNMP



REMOTE CONTROL

Remote Control

Remote per outlet on/off by web and SNMP.



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.



POWER SEQUENCE

Power Sequence

User-definable power on/off sequence time.



EVENT ALERT

Event Alert

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



PING EVENT CONTROL

Ping Event Control

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



SCHEDULE CONTROL

Schedule Control

Timed & scheduled on/off/reboot control.



Digital I/O Support

Digital I/O

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



PER OUTLET MONITOR

Outlet-Level Monitor

Remote per outlet current monitoring.



GROUP CONTROL

Group Control

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



OVERLOAD PROTECTION

Overload Protection

When overload, circuit breaker will automatically trip to protect the safety of electricity.



EVENT REACTION

Event Reaction

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



KWH MEASUREMENT

kWh Measurement

Voltage, frequency, power factor, active power, apparent power and kWh measurement.



ENVIRONMENT DETECTION

Environment Detection

Optional accessory probe to detect temperature and humidity.



CENTRAL MANAGEMENT

Central Management

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

Model Number:

IOT-EM-01



Specification

| Output | | Input | |
|---|--|---|------------------------|
| Voltage | 200-240 VAC | Voltage | 200-240 VAC |
| Max. Current | 10 A | Frequency | 50/60Hz, full range |
| Outlet | (2) C13 | Max. Capacity | 2400 VA |
| ON/OFF Ind. | (2) Green LED | Connection | C14 Inlet |
| Circuit Status | (2) Red LED | | |
| Measurement | | Other | |
| Current | +/- 1%+/-0.1A @0.2A ~ 20 A | ENET Connection | (1) RJ45 |
| Voltage | +/- 1% +/- 1V @80V~250V | ENV Connection | (2) RJ11 |
| Active Power | +/- 1% +/- 5W @50W~8000W | Function Selection | (1) Button |
| Apparent Power | +/- 1% @50VA~8000VA | DHCP Ind. | (1) Green LED |
| Frequency | +/- 1% @50~65Hz | SSL Ind. | (1) Blue LED |
| Power Factor | +/- 1% @0.1~1.0 | Info. Display | 4 digits of 7 Segments |
| kWh | .001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0 | | |
| DI | | DO | |
| Type: Dry contact 1 set of 4-way terminal block. Connection: 0.5 to 1.5 mm ² / 28 to 14AWG Close status: Impedance less than 50 ohms Open status: Impedance greater than 50 ohms | | Type: Relay 1 set of 4-way terminal block. Connection: 0.5 to 2.5 mm ² /24 to 12 AWG Range : Contact Open(off) or Close (on) Rated load:16A 240VAC / 16A 24Vdc Max. switching current: 16A Max. switching voltage: 250VAC Max. switching capacity: 4000VA | |
| Dimension/Weight | | Operation | |
| Net Size | 432 x148 x 44 mm | Operation Temp. | 0 ~ 50°C |
| Net Weight | 2.2 kg | Operation Humid. | 0% ~ 90% RH |
| Package Size | TBD | Storage Temp. | -20°C ~ 65°C |
| Package Weight | TBD | Storage Humid. | 0% ~ 90% RH |
| Approval | | | |
| Certification | CE, FCC | | |
| Warranty | 2 years | | |

Package

| No | Description |
|----|-------------------------------|
| 1 | PDU 1 set |
| 2 | Power cord, C13 to C14, 1.8 m |
| 3 | Manual, MIB by link below |



Line Drawing

