

# SitePro II

Comprehensive Network Monitoring Host for Data Center Power and Environment



3G/WiFi



Infrared Detection Module



Temp & Humi



Door Contact



Precision Air Condition



UPS



SMS



Sound Light Alarm



Water leakage



Smoke



Precision Power



Precision Generator

## SitePro II Solution

- Elegant 1U Rackmounted Design*
- Built-in 12 Hours Backup Battery*
- Dual Power, Dual Ethernet Ports, More Save and More Reliable*
- Standard Ports, No Difficults for Installation and Operation*
- B/S Structure, Window 8 Interface, Built-in Guide Function*
- Applicated to Large/Medium-sized Single Data Center/Server Room*

# 1. Product Function

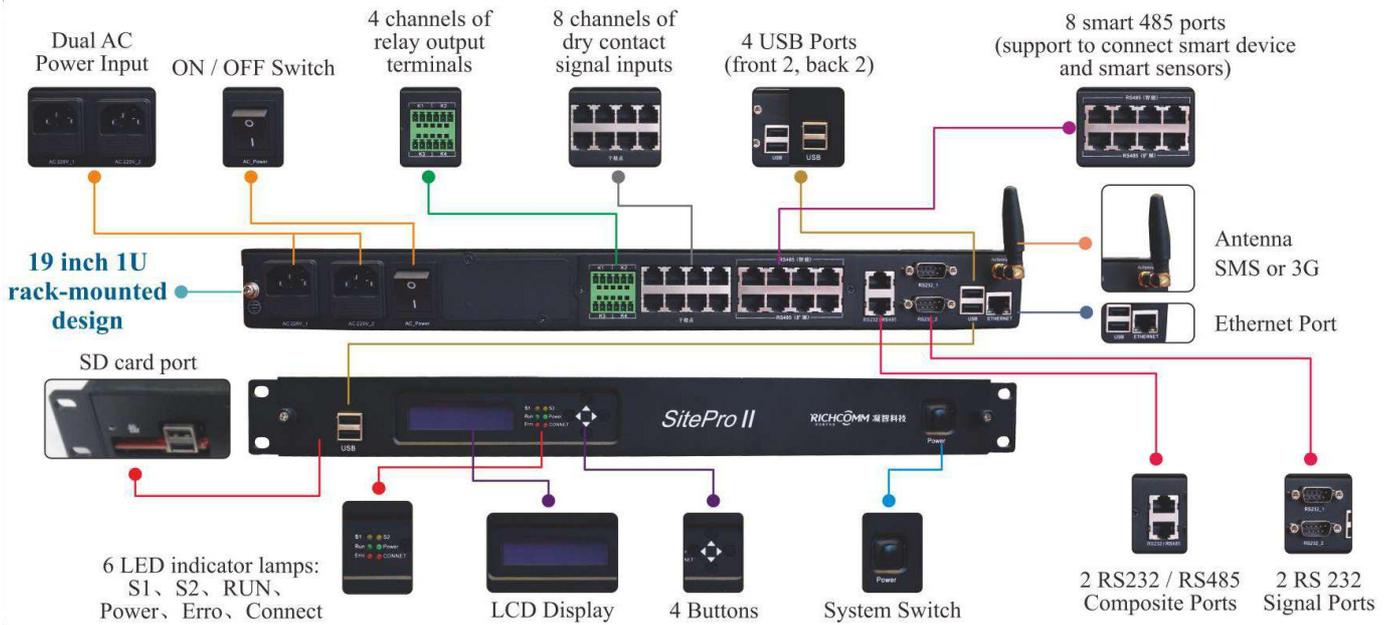
- **Built-in WEB server to achieve HTTP access;**
- **Support IPV4/IPV6, SSL, SSH, HTTP, HTTPS;**
- **Support SNMP V3 protocol, RFC1628 MIB, XPPC MIB;**
- **Support UPS monitoring(1phase/3phase);**
- **Support Precision/ Split air condition monitoring;**
- **Support Power Distribution monitoring;**
- **Support Power Distribution Cabinet branches monitoring;**
- **Support Online VRLA Battery Monitoring System integration;**
- **Support Smart/Diesel Generator monitoring;**
- **Support to extend 8 digital inputs(Such as smoke, water leakage, door/window contact, etc);**
- **Support to extend 62 temperature and humidity detection and 8 general air condition infrared control;**
- **Support Live video monitoring;**
- **Support android APP monitoring software;**
- **Built-in 12 hours rechargeable battery;**
- **Support history events and data storage ( expansion by SD card capacity);**
- **Support sound light alarm, SMS, E-mail alarm**
- **Support multiple users authority management;**
- **Support DHCP;**
- **Support scheduled task;**
- **Support TELNET, WEB page configurations;**
- **Support network upgrade, USB upgrade;**



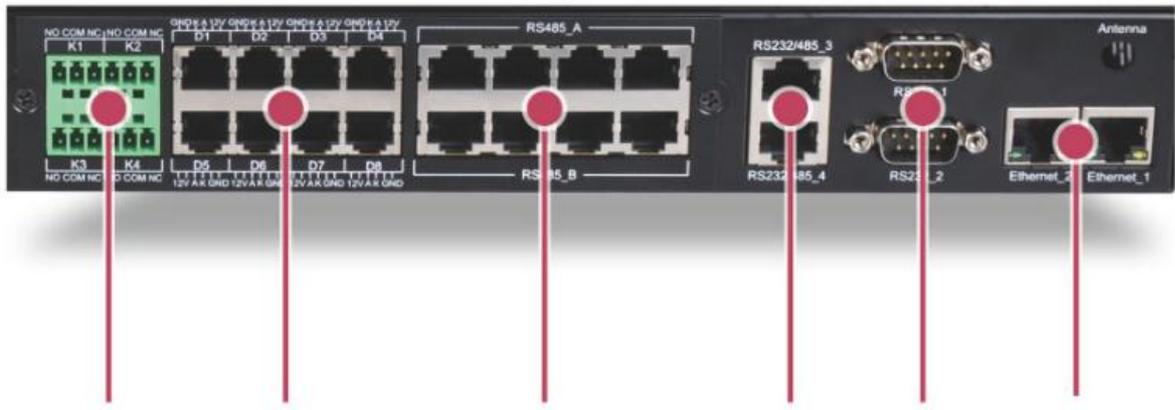
## APP Client Side

Any Time Any Where, to Master your Data Center Status  
Take Your Data Center Monitoring In Pocket

## 2. Ports Introduction



RJ11 RJ45 RJ45 DB9 RJ45



4 Digital Output (Relay out) 8 Digital Input 2\*4 RS485 Ports 2 RS485 / RS232 Composite Ports 2 RS232 Serial Ports 2 Ethernet Ports



RJ11



RJ45



RJ45

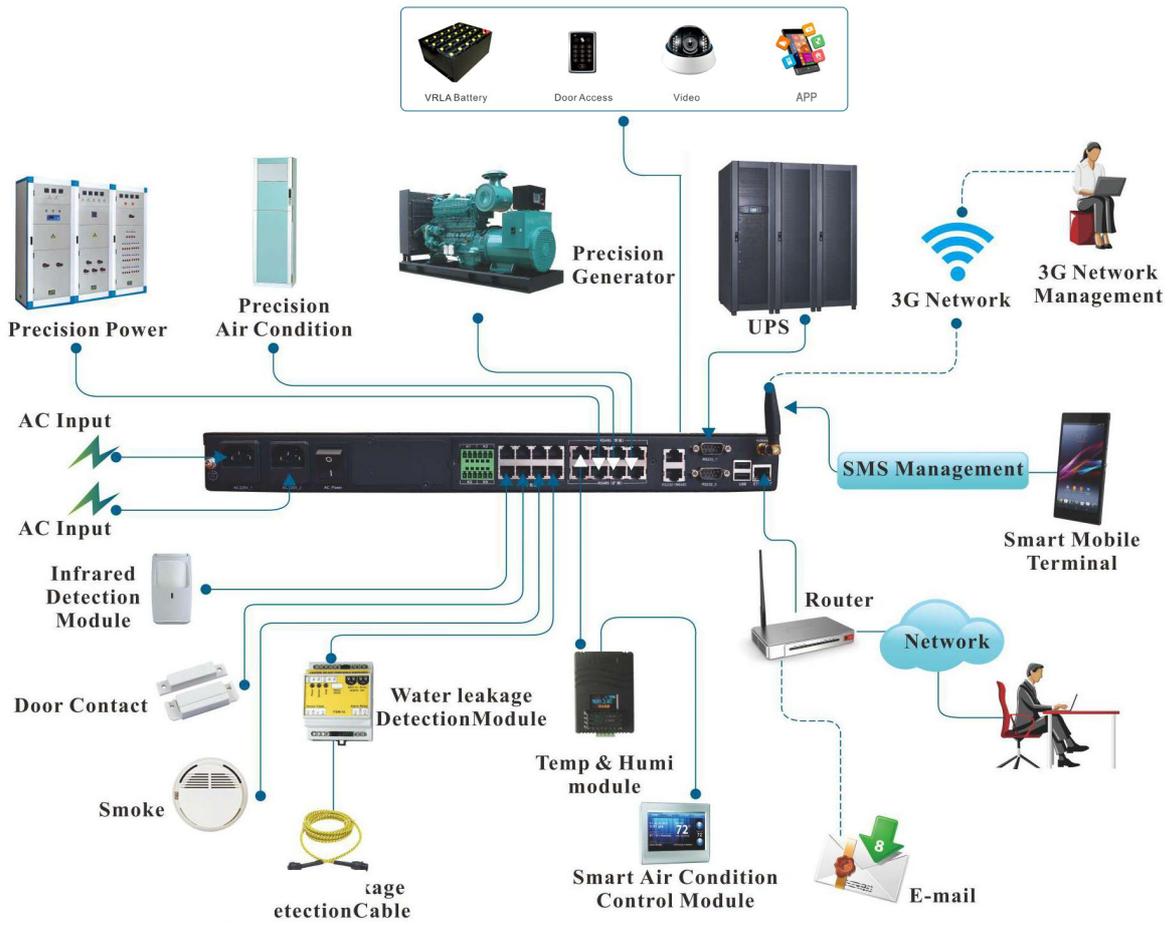


DB9

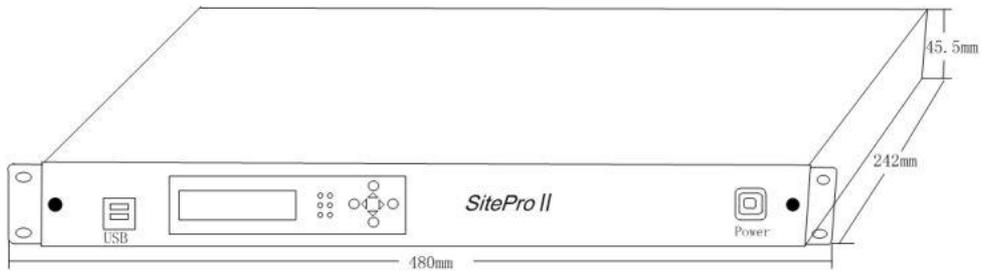


RJ45

### 3. Network Diagram

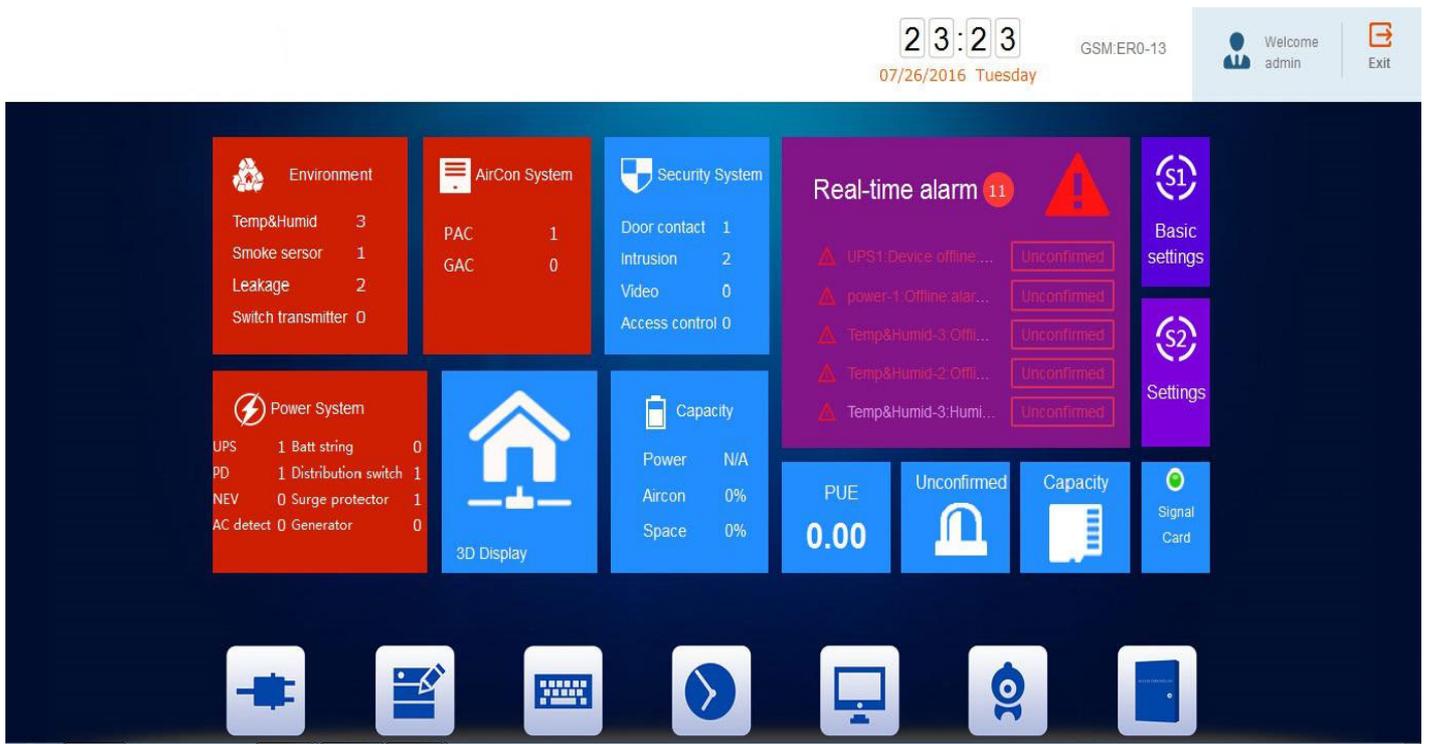


### 4. Dimension

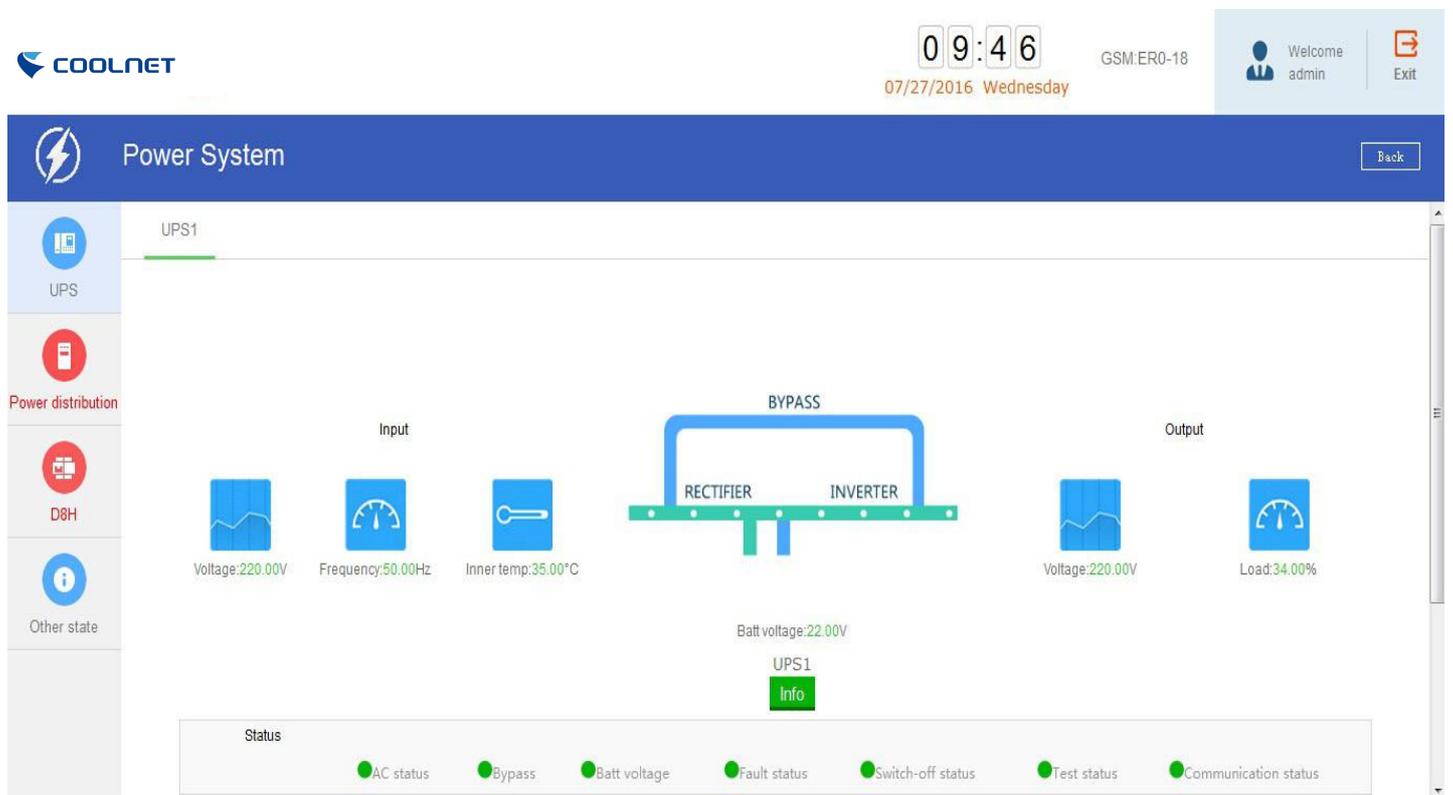


<Elegant 1U 19 inch design

## 5. Monitoring Interface



<Home Page>



Three-phase UPS Monitoring

### Power System

UPS1

The dashboard for UPS1 shows a central schematic with 'RECTIFIER' and 'INVERTER' components. To the left, under 'Input', are three gauges: Voltage:220.00V, Frequency:50.00Hz, and Inner temp:35.00°C. To the right, under 'Output', are two gauges: Voltage:220.00V and Load:34.00%. Below the schematic, 'Batt voltage:22.00V' is displayed. A status bar at the bottom shows several green indicators for AC status, Bypass, Batt voltage, Fault status, Switch-off status, Test status, and Communication status.

### Single-phase UPS Monitoring

### Power System

power-1

The dashboard for power-1 features a central device icon with a red border and a red 'Device connect.' indicator. To the right, a table displays various power metrics. Above the table, summary statistics are shown: 3 phase average voltage: N/A, 3 phase average current: N/A, Connect mode: N/A, Voltage input range: N/A, Device addr: N/A, Light intensity: N/A, and Frequency: N/A.

	A phase	B phase	C phase	Three phase
Voltage(V)	N/A	N/A	N/A	
Current(A)	N/A	N/A	N/A	
Active Power(KW)	N/A	N/A	N/A	N/A
Reactive Power(KVar)	N/A	N/A	N/A	N/A
Apparent Power(KVA)	N/A	N/A	N/A	N/A
Power Factor	N/A	N/A	N/A	
Line Voltage(V)	Uca N/A	Uab N/A	Ubc N/A	
3 phase total power factor: N/A	Positive active power: N/A		Negative active power: N/A	
3 phase average line voltage: N/A	Positive reactive power: N/A		Negative reactive power: N/A	
				PT: N/A
				CT: N/A

### Power Distribution Monitoring

AirCon System

Back

 <p>Precision Aircon</p> <p>Info</p> <p>Communication: ●</p>	<p><b>Compressor</b> N/A</p> <p>● General fault</p> <p>● High temp fault</p> <p>● Low temp fault</p> <p>● Fan fault</p> <p>● Water leakage fault</p> <p>● Humidifier fault</p>	<p><b>Fan</b> N/A</p> <p>● Power fault</p> <p>● High humidity fault</p> <p>● Low humid fault</p> <p>● Fire and smoke fault</p> <p>● Compressor fault</p>	<p><b>Heater</b> N/A</p>	<p><b>Humidifier</b> N/A</p>	<p><b>Dehumidifier</b> N/A</p>	<p>Return air temp:(°C) N/A</p> <p>Return air humid:(%) N/A</p> <p>Indoor temp:(°C) N/A</p> <p>Indoor humid:(%) N/A</p> <p>Supply air temp:(°C) N/A</p> <p>Supply air humid:(%) N/A</p> <p>Setting temp:(°C) N/A</p> <p>Setting humid:(%) N/A</p> <p>Switch on temp:(%) N/A</p> <p>Switch off temp:(°C) N/A</p> <p>Temp alarm max threshold:(°C) N/A</p> <p>Temp alarm min threshold:(°C) N/A</p> <p>Humid alarm max threshold:(%) N/A</p> <p>Humid alarm min threshold:(%) N/A</p>
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Air Condition Monitoring

Environment System

Back

 <p>Temp: <b>0.00</b>°C</p> <p>Humid: <b>0.00</b>%</p> <p>Connect status: <b>Disconnect</b></p> <p>Temp&amp;Humid-1</p>	 <p>Temp: <b>0.00</b>°C</p> <p>Humid: <b>0.00</b>%</p> <p>Connect status: <b>Disconnect</b></p> <p>Temp&amp;Humid-2</p>	 <p>Temp: <b>0.00</b>°C</p> <p>Humid: <b>0.00</b>%</p> <p>Connect status: <b>Disconnect</b></p> <p>Temp&amp;Humid-3</p>
 <p>Status: <b>Normal</b></p> <p>Smoke</p>	 <p>Status: <b>Normal</b></p> <p>Leakage-1</p>	 <p>Status: <b>Normal</b></p> <p>Leakage-2</p>

Environmental Monitoring

Security System Back



Status: **Normal**

Infrared-1



Status: **Normal**

Infrared-2



Status: **Normal**

Door contact



CCTV

**Info**



Access

**Info**

**Security Monitoring**

History Record Back

Number	Device Type	Event Title	Occurance Time	End	Duration	Record	
8493	Three normal distribution	power:Offline:alarm happen!	2016-07-27 09:54:55			No Record	<a href="#">Details</a>
8492	Ordinary air conditioner	air conditioning:Offline:alarm happen!	2016-07-27 09:54:19			No Record	<a href="#">Details</a>
8491	Single Phase UPS	UPS4:Offline:alarm happen!	2016-07-27 09:50:44			No Record	<a href="#">Details</a>
8490	Three Phase UPS	UPS3:Device offline:alarm happen!	2016-07-27 09:47:08			No Record	<a href="#">Details</a>
8489	Battery capacity module	Batt Manager:Battery power disconnect:alarm happen!	2016-07-27 09:46:34			No Record	<a href="#">Details</a>
8488	Generalair	Precision Aircon :Communication failure:alarm happen!	2016-07-27 09:41:46			No Record	<a href="#">Details</a>
8487	Three normal distribution	power-1:Offline:alarm happen!	2016-07-27 09:41:35			No Record	<a href="#">Details</a>

**Alarm History Record**

## History Record

Back

Alarm History Record | Daily Data Record | **User Control Record** | Vendor Quality Static | Maintenance Static | SMS Record

Start: 2016-07-25 00:00:00 End: 2016-07-28 23:59:59 Device: UPS1 Check Export

Input voltage	Output voltage	Present load	Input frequency	Battery capacity	Battery temperature	Battery total voltage	Time
220 V	220 V	34 %	50 Hz	9 %	0 °C	22 V	2016-07-27 10:16:36
220 V	220 V	34 %	50 Hz	9 %	0 °C	22 V	2016-07-27 10:11:36
220 V	220 V	34 %	50 Hz	88 %	0 °C	22 V	2016-07-27 10:06:36
220 V	220 V	34 %	50 Hz	88 %	0 °C	22 V	2016-07-27 10:01:36
220 V	220 V	34 %	50 Hz	88 %	0 °C	22 V	2016-07-27 09:56:25
220 V	220 V	34 %	50 Hz	88 %	0 °C	22 V	2016-07-27 09:51:25
220 V	220 V	34 %	50 Hz	88 %	0 °C	22 V	2016-07-27 09:46:11

A total of 7 Article|<< < > >| [1]

## Daily Data Record

## Capacity Management

Back

Power Capacity Management | Aircon Capacity Management | **Space Capacity Management**

Add cabinets

Remaining capacity <b>48%</b>	Remaining capacity <b>90%</b>	Remaining capacity <b>69%</b>	Remaining capacity <b>38%</b>
Server Cabinet-1	Server Cabinet-12	Switch Cabinet1	Switch Cabinet-2

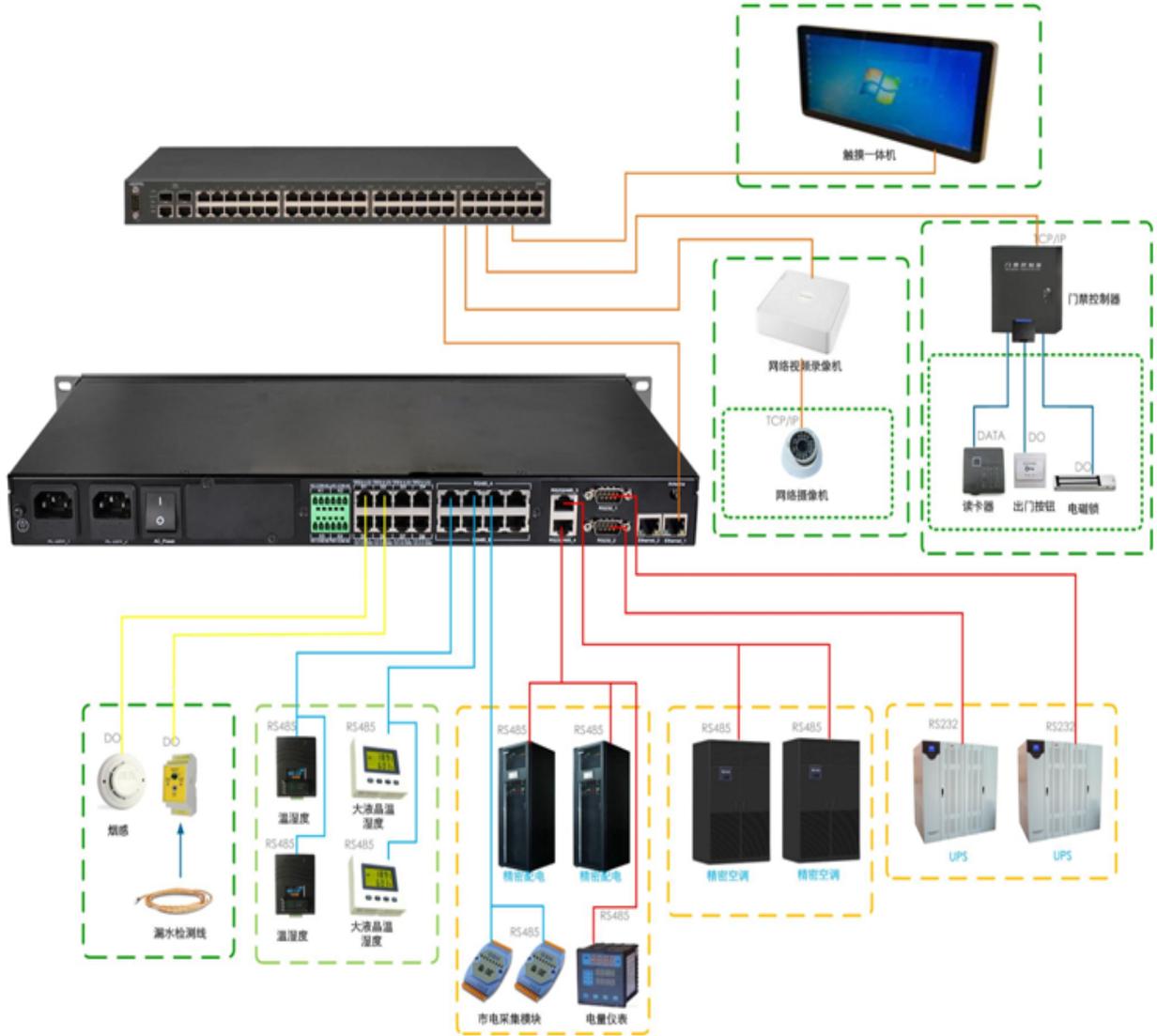
## Capacity Management

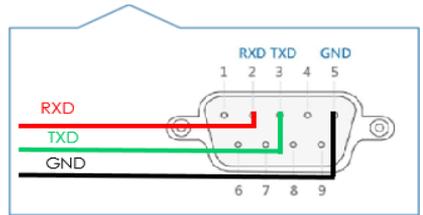


## Accessories

SN	Sensor Name	MN	Function
System Alarm			
1	Telephone Alarm Module	RC77423	Provide telephone alarm notification
2	Sound Light Alarm Sensor	RC77412	Provide sound light notification
Environment System			
3	Temp& Humid Sensor	RC77015 OLED Display	Detect data center temperature and humidity parameters(Every 20 M <sup>2</sup> need to install 1 pc)
		RC77012 Digital Type	
4	Smoke Sensor (With RJ11 Converter)	RC77150	Detect indoor data center monitor status (Every 20 M <sup>2</sup> -30M <sup>2</sup> need to install 1pc)
5	Infrared Sensor (With RJ11 Converter)	RC77149	Detect data center intrusion, motion status
6	Door Contact (With RJ11 Converter)	RC77435	Detect door or window on/off status
7	Switch Value Transmitter (With RJ11 Converter)	RC77755	Detect on-off status of air condition/new fan
8	Sound Light Sensor	RC77412	Give sound light alarm notification when alarm happens
9	Water Leakage Sensor	RC77151 (Non-Locating)	Detect data center water leakage status, work with water leakage cable
10	Water Leakage Sensor	RC91245 (Locating)	Detect data center water leakage status with details location, work with water leakage cable
Air Condition System			
11	AirCon Infrared Component	RC77404	Remotely control air condition on-off, with auto reboot when AC recover
Power Distribution System			
12	Three Phase Energy Meter	RC77207	Digital display, support to capture the power distribution cabinet of voltage, current, active power, etc
13	Single Phase Energy Meter	RC77208	Digital display, support to capture the power distribution cabinet of voltage, current, active power, etc
14	Mains Branch-switch Monitor	RC77305	Support to monitor 8 electricity switch signal at a same time, output 485 signal to sitepro host, it most works with electricity meter.

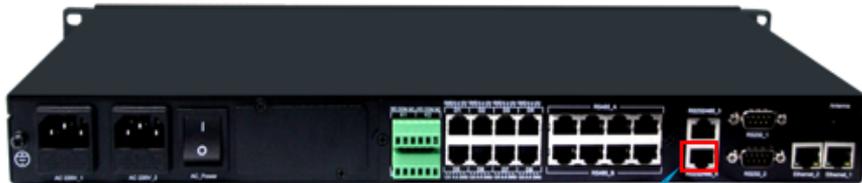
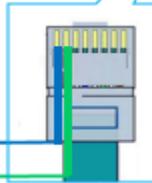
# DCIM SYSTEM





485+

485-



485+

485-

