

iStars V2.0

SNMP Web Card

User Manual

Ver 1.0

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1 Overview

iStars is new generation network monitoring product. Not only could monitor UPS stand-alone, iStars also could real-time network monitor and management of UPS. Integrated monitoring can be achieved by coordinating corresponding PC software. And it is quite convenient for User to take network management for UPS.

iStars provides very simple installation program. It only needs to install the iSearch software attached by this product in PC, after search or set the IP address of iStars by it; it can land the page of iStars by browser with obtained IP to take further set.

iStars can remotely monitor the working condition and environment condition of UPS by internet. Administrative personals can take remote monitoring of UPS by landing the internet to check real-time status of UPS and know the working voltage, current, frequency, temperature and humidity of UPS as well as know whether there is some fault for UPS.

iStars also can provide various operations for different operating systems. It can, according to detailed setting, set the power off and test of UPS at some certain time; set authority of login user, username, and IP, etc.

Its main functions are:

1. Set all functions by browser;
2. Monitor real-time status of UPS by browser;
3. Support protocols such as TCP/IP, FTP, NTP, HTTP, SMTP and SNMP.
4. Provide IP search and updating tools (iSearch);
5. Send the daily report by Email;
6. Send related information to administrative personals by Email of there is any fault for UPS;
7. Add GPRS message module by request of user (message module shall be purchased additionally).

2 Introduction

2.1 Description of Hardware



Figure 2.1 Side View (External Card)

Size: 77 x 51.8 x 25.8 mm

Interface description of each part:

Interface	Description
RS485	RS485-RJ45_2 interface(can be connected to temperature and humidity sensors)
RS232	RS232-RJ45_2 interface (can be connected to 2G / 4G SMS cats), golden finger serial port (here connect the UPS card slot and UPS communication), debug serial port (debug program)
CAN	CAN CAN-RJ45_2 interface (supports CAN interface devices)
Power	DC 12V, 1A
Network interface	interface RJ45_1 (for network communication)

LED indicator description:

	Indication Signal	Description
Green	Power indicator	When the system is up and running normally, the green light is on, indicating that the system is running.
Yellow	Communication indicator	Constant yellow light indicates normal communication with the UPS. Flashing yellow light indicates communication loss with the UPS.

2.2 Disk Information

Attached information of disk

- (1) iStars Operation Instruction
- (2) iSearch IP search software
- (3) iSmartMate Shutdown software
- (4) iSmartView Centralized management software

3 UPS Web Management

3.1 Introduction

After finishing hardware connection and setting of iStars and network, according to the IP address of iStars obtained by iSearch, use the browser of any PC, input IP address of iStars, and then it can enter into the monitoring page of iStars to remotely monitor the UPS or set related information.



Make sure that the IP address is under the same network segment with the host IP.

- (1) Start the browser.
- (2) Input IP address of iStars (for example: 192.168.163.180).
- (3) Input the username and password, click and confirm to enter into the monitoring page. An initial account with default username: admin and passwords: admin is set. User can add or delete corresponding user account and authority in setting pages.

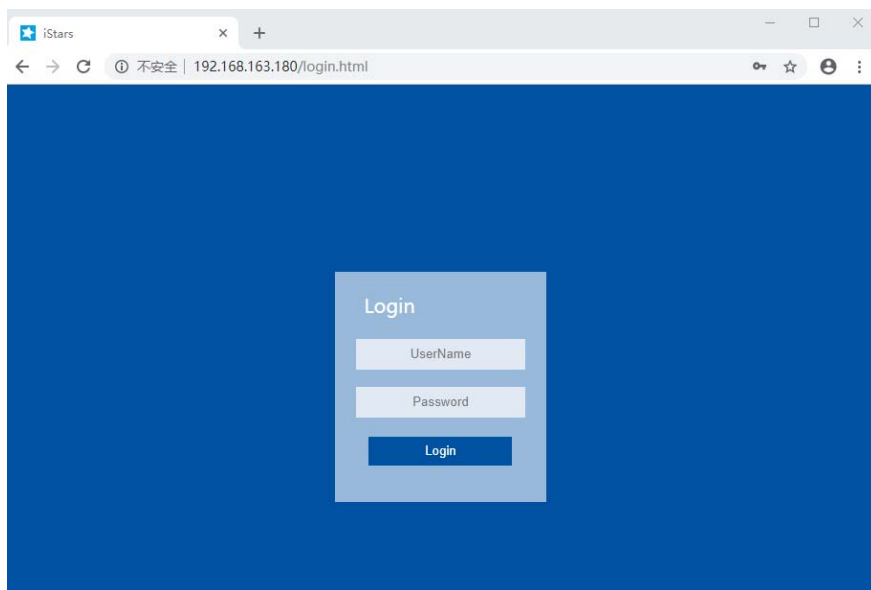


Figure 3.1 Webpage Login Interface of iStars

3.2 UPS Web Interface

After entering into iStars webpage, current login username and its authority, system functional menu and status will be displayed in home page.

There are six items for major functional options of system menu:

- 3.2.1 Overview
- 3.2.2 Device
- 3.2.3 Statistical query
- 3.2.4 General settings
- 3.2.5 Assistant Function
- 3.2.6 Current alarm

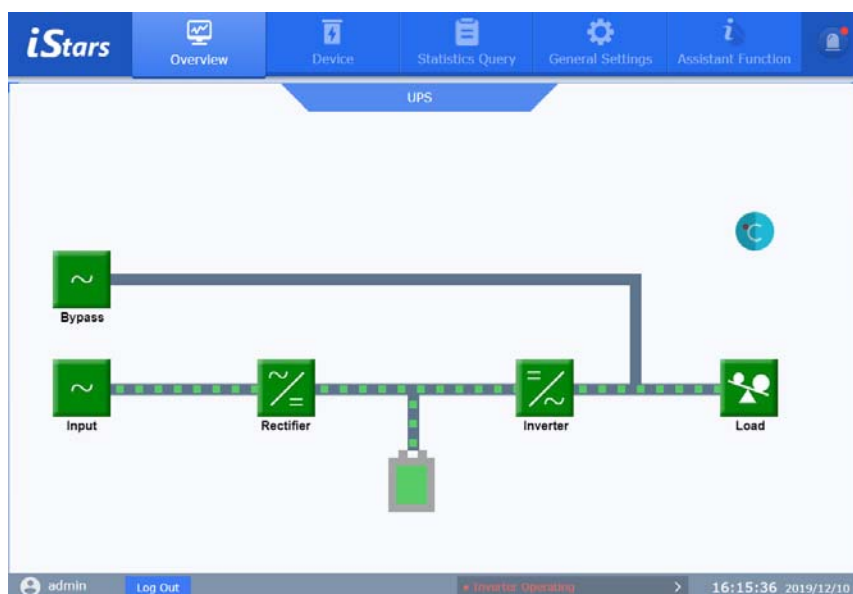


Figure 3.2 Homepage of Webpage of iStars

3.2.1 Overview

This function can check the current flow of the UPS being monitored, input information, bypass information, battery information, output information, environmental information, etc.

Users need to click the icon of a node on the webpage to view the information of a node.



Figure 3.3 Information Displayed in the Overview

3.2.2 Device

There are seven sub-function options under this main function, which are UPS parameter setting, UPS remote control, UPS scheduling setting, UPS remote control, SMS alarm setting, and email alarm setting. Through the related operations on these pages, you can realize the functions of UPS control, related parameter settings, and Email / SMS sending.

This feature is not open to users with read-only permissions.

3.2.2.1 UPS Parameter Settings

This page is used to set UPS related parameters, including parameter settings, port settings, and record settings. According to different protocols, the parameter setting page is slightly different.

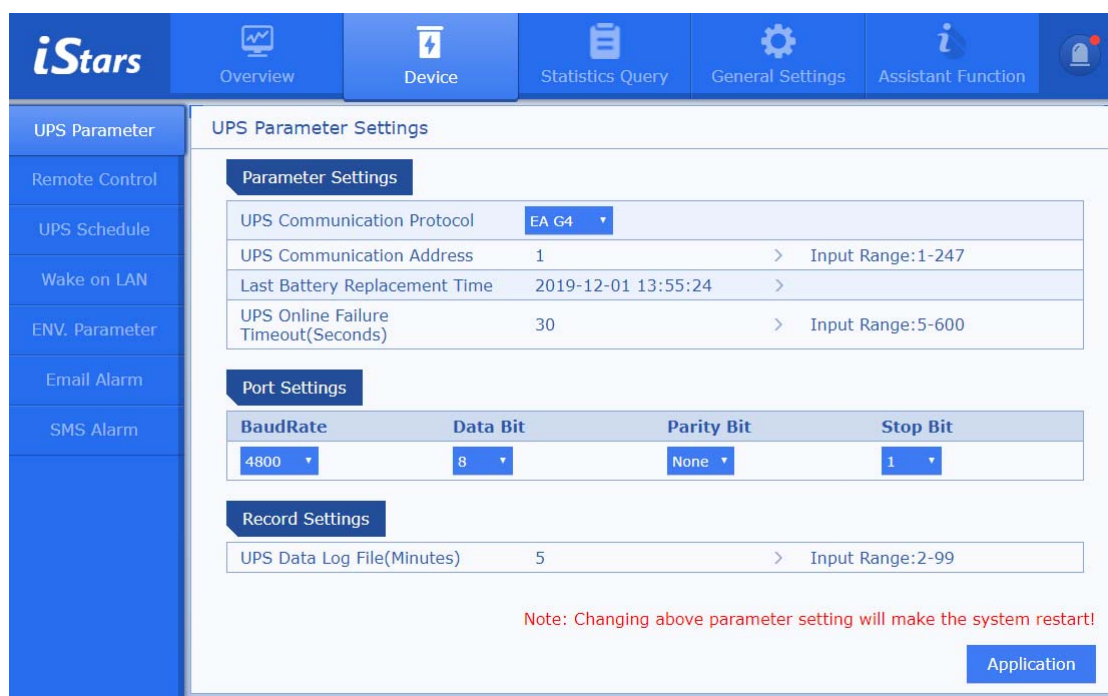


Figure 3.4 UPS Parameter Settings Page

Parameter Settings

This column mainly sets the parameters of UPS in detail.

UPS communication protocol

Select according to the communication protocol actually used by the UPS, otherwise communication may be abnormal.

UPS communication address

Set the device address of the UPS.

Number of battery cells and battery packs

For the setting of the above columns, please refer to the UPS manual.

Last battery replacement time

Record the time of UPS battery replacement.

UPS online failure timeout

It indicates how long the communication between the SNMP card and the UPS is interrupted, and the connection failure alarm message is started.

Port settings

This column sets the port information between the UPS and the SNMP card. If the setting is incorrect, the UPS and the SNMP card cannot be connected normally.

Record settings

This column is used to set the interval for recording UPS operation records. The setting range is 2-99.

3.2.2.2 UPS Remote Control

This page provides the function of remotely controlling the UPS. Click to select the control you want to execute, and click the Apply button to implement the operation.

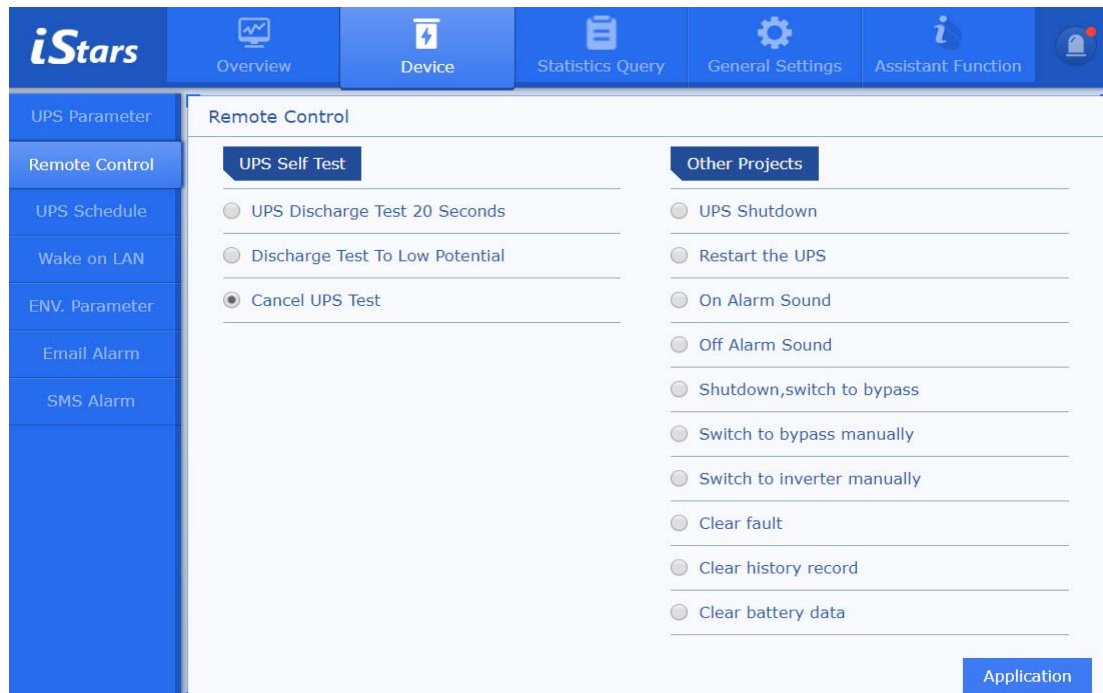


Figure 3.5 UPS Remote Control Page

3.2.2.3 UPS Schedule Settings

This page is mainly used to set UPS schedule related functions, including weekly scheduled power on / off settings, special day power on / off settings, UPS self-test, sending alarms before scheduled shutdowns, and delayed shutdown time settings when special events occur.

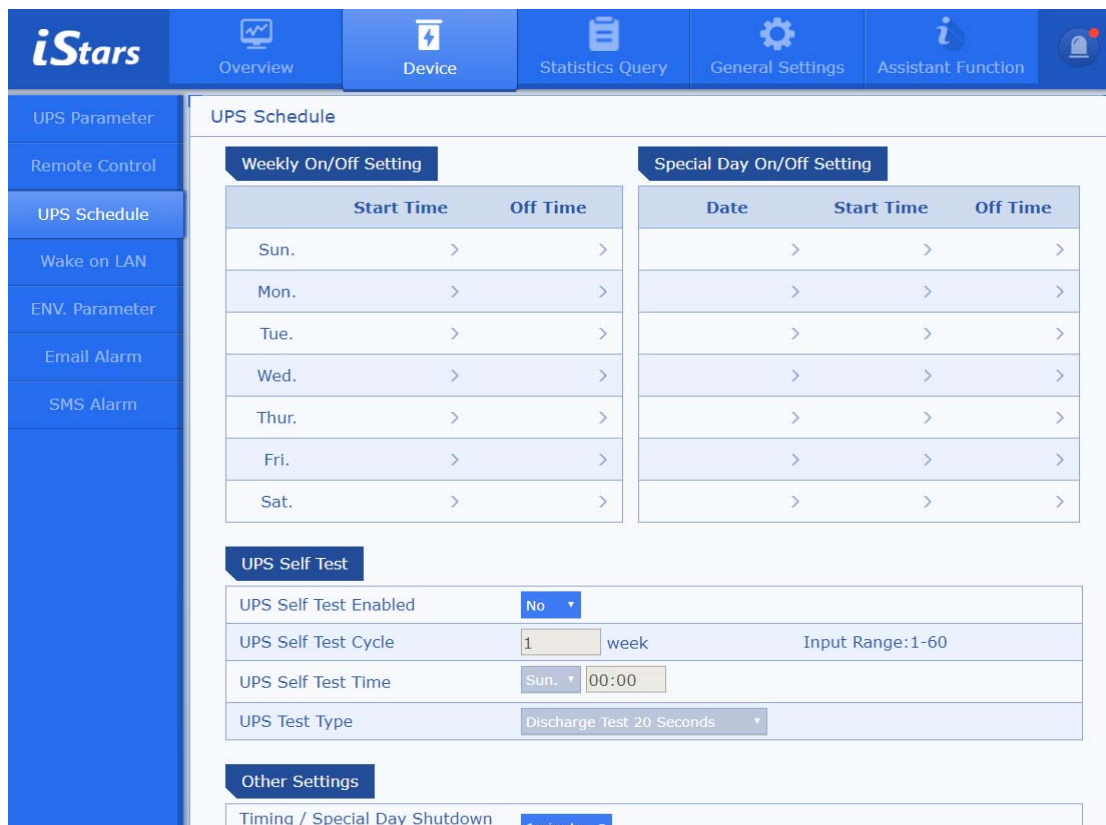


Figure 3.6 UPS Schedule Settings Page

On / off settings

The special day on / off setting takes precedence over the weekly scheduled on / off setting, that is, when the weekly scheduled setting time is the same as the special day setting date, the special day on / off setting prevails.

Other settings

Including timer / special day shutdown to send alarm time setting in advance, delayed shutdown after abnormal mains power, low battery voltage delay shutdown, over temperature delay shutdown and overload delay shutdown time setting.

UPS self-test

Set the UPS to test at a certain time.

3.2.2.4 UPS Wake On LAN

This page can set whether to wake up the computer that lives on the same network with iStars after the mains is restored. Note that the computer must support the Wake-on-LAN feature and it has been configured.

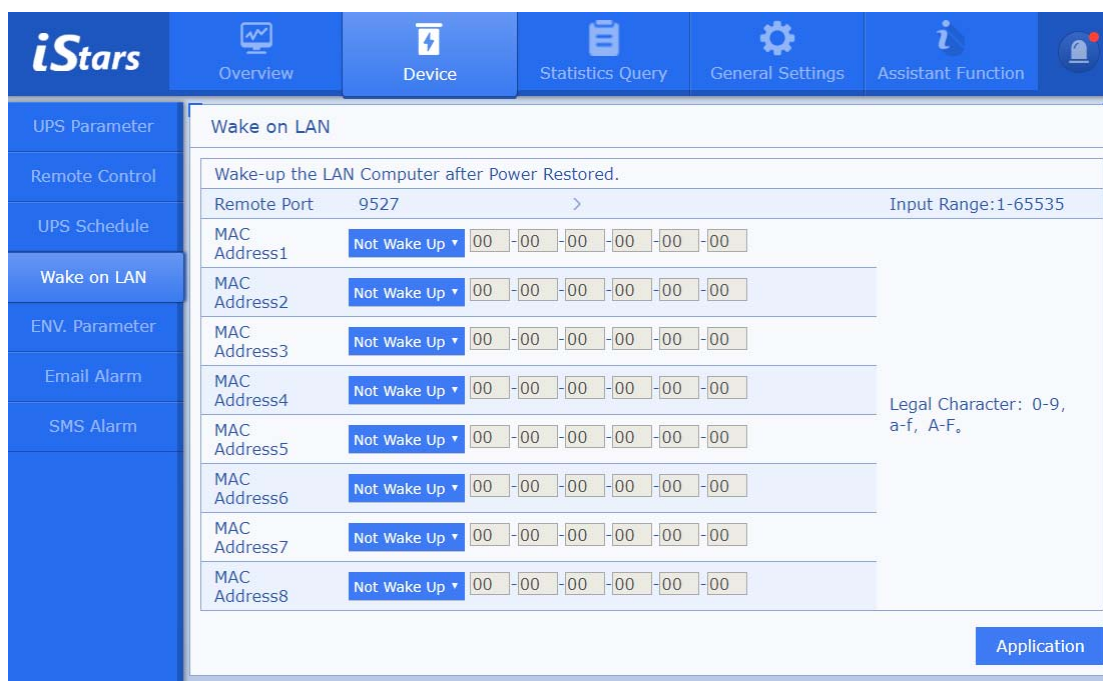


Figure3.7 UPS Wake on LAN Page

Remote port

Set the remote port number.

MAC address 1~8

Set the MAC address of the computer in the same LAN as iStars. And set whether to wake up the computer after the utility power is restored.

3.2.2.5 Environment Parameter Settings

This web page sets the port information, communication address, and upper and lower limits of temperature and humidity for the temperature and humidity module. The SMS module and the temperature and humidity module cannot be used at the same time.

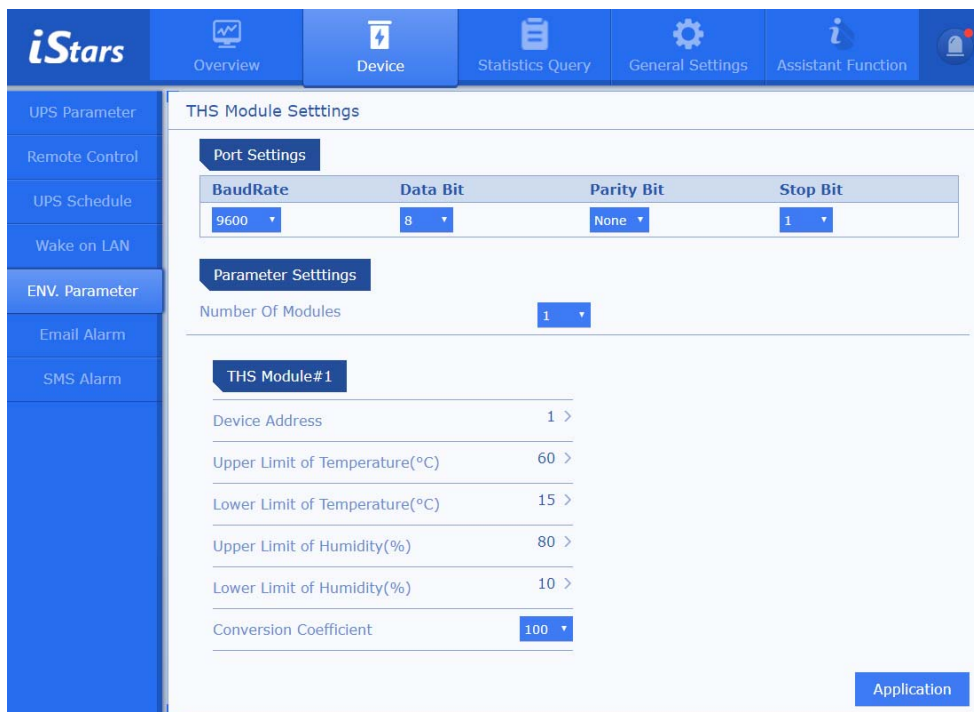


Figure 3.8 Environment Parameter Settings Page

Port settings

If the port information is set incorrectly, the temperature and humidity module and the SNMP card cannot communicate normally.

Parameter settings

Configure the number of modules

Set the current number of temperature and humidity modules. If the relevant module information is set, you can view the real-time data of the temperature and humidity module in [Overview].

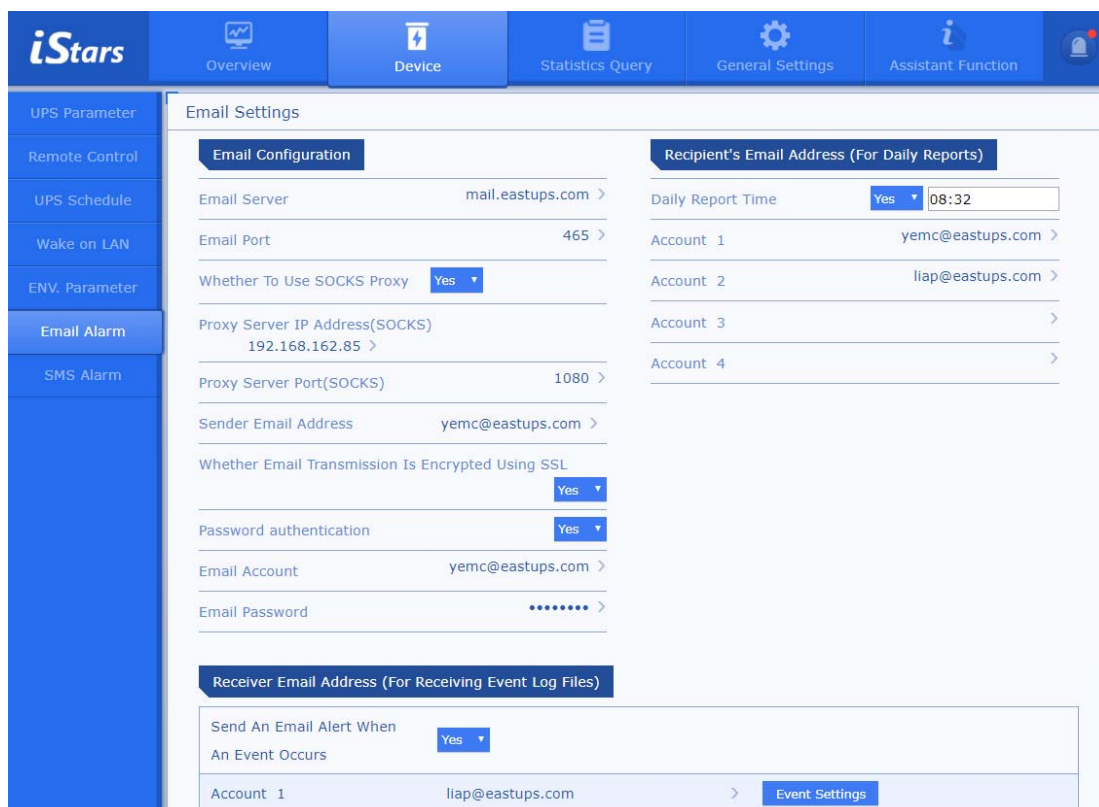
Conversion coefficient

Actual temperature (humidity) = collected temperature (humidity) / conversion coefficient; this parameter is for compatibility with different temperature and humidity modules.

3.2.2.6 Email Alarm Settings

This function realizes sending device events and daily reports to users by Email.

Function setting: When iStars detects UPS related data or events, whether to transfer these information to a certain user's Email box. The settings page includes Email settings, recipient email addresses (for receiving event log files), recipient email addresses (for receiving daily reports), and test settings. Figure 3.8 shows the email alert setting page.



The screenshot shows the 'iStars' web interface with the 'Email Settings' page selected. The left sidebar contains navigation options: UPS Parameter, Remote Control, UPS Schedule, Wake on LAN, ENV. Parameter, Email Alarm (highlighted), and SMS Alarm. The main content area is titled 'Email Settings' and is divided into three sections:

- Email Configuration:** Includes fields for Email Server (mail.eastups.com), Email Port (465), Whether To Use SOCKS Proxy (Yes), Proxy Server IP Address(SOCKS) (192.168.162.85), Proxy Server Port(SOCKS) (1080), Sender Email Address (yemc@eastups.com), Whether Email Transmission Is Encrypted Using SSL (Yes), Password authentication (Yes), Email Account (yemc@eastups.com), and Email Password (masked with dots).
- Recipient's Email Address (For Daily Reports):** Includes Daily Report Time (Yes, 08:32) and four accounts (Account 1 to 4) with their respective email addresses (yemc@eastups.com, liap@eastups.com, and two empty).
- Receiver Email Address (For Receiving Event Log Files):** Includes Send An Email Alert When An Event Occurs (Yes) and Account 1 (liap@eastups.com) with an 'Event Settings' button.

Figure 3.9 Email Alarm Settings Page

Email configuration

Email server

Set the server address of the email receiver.

Email port

Email mail receiving port, usually 25.

SOCKS proxy

Set the SOCKS proxy server and port number of the user's network. Note that the SOCKS proxy is inconsistent with the HTTP proxy. The default port number for SOCKS proxy is 1080.

Sender Email Address

Set the address of the email sender.

Whether Email Transmission Is Encrypted

Set whether Email uses SSL encryption for transmission.

Email account

Set the sender's Email account, which is generally the same as the sender's Email address.

Email password

Set the email account password of the sender. Some Email servers may set the client authorization code here.

Recipient's Email Address (for receiving daily reports)

Daily report delivery time

This setting is to set whether to send the daily report regularly.

Account 1~4

Set up an email account to receive daily reports, with a maximum of 4 supported.

Recipient's Email Address (for receiving event log files)

Send an email alert when an event occurs

Set whether to send events by email when an abnormal state of the UPS is detected.

Account 1~8

When the UPS is in an abnormal state, the email account of the email receiver supports a maximum of 8.

Receive event settings

This page selects some or all of the various events detected by iStars and sends them to the corresponding Email account.



Figure 3.10 Receive Event Settings Page

Test setup

Test mail recipient

After setting the recipient's email address, click Send Test Email to test whether the email sending function is normal. If the email function is normal, the email recipient will receive a test email.

3.2.2.7 SMS Alarm Settings

The SMS alarm function requires iStars external SMS module, which is sent as a short message by detecting the relevant data and events of the UPS. The setting interface includes SMS status, SMS configuration, port settings, mobile phone number for receiving event notifications, and test settings. The SMS module and the temperature and humidity module cannot be used at the same time.

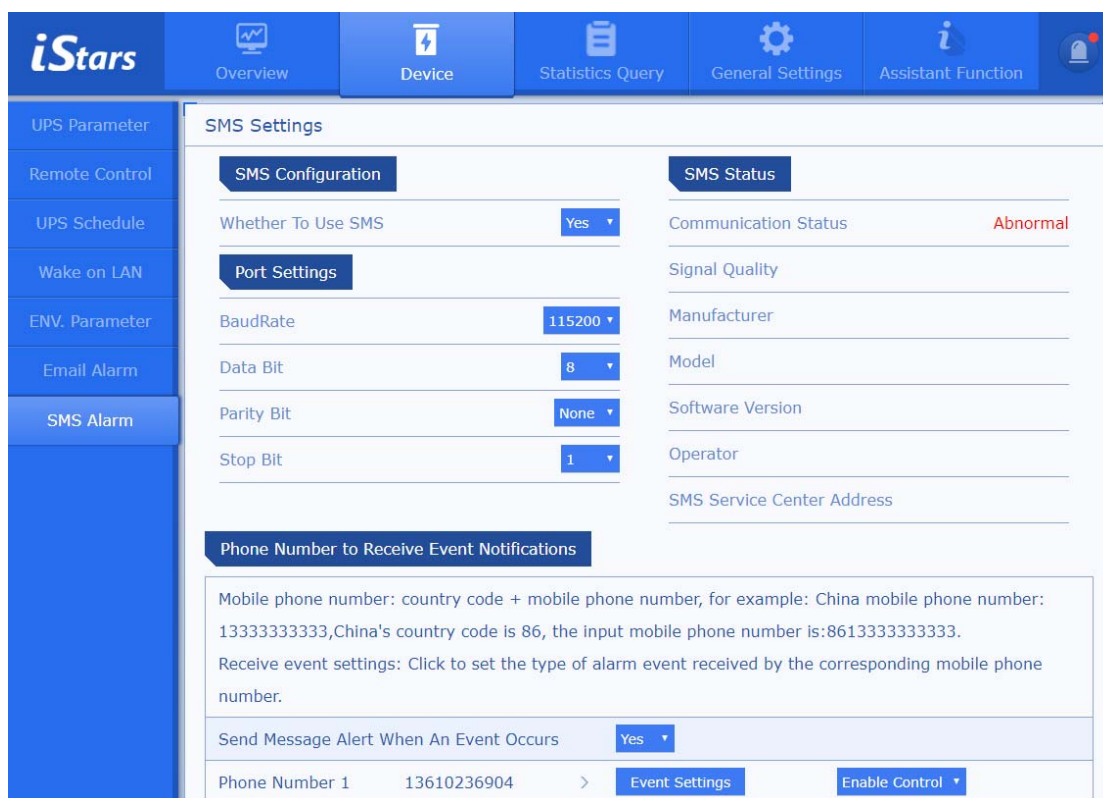


Figure 3.11 SMS Alarm Settings Page

Port settings

Set the port information of the SNMP card and the SMS module. If it is set incorrectly, communication will fail.

SMS status

Display the communication status, signal quality and other related information of the short message module connected to iStars.

Receive event notification mobile phone number

Set the mobile phone number of the receiver. It supports up to eight. When an abnormality is detected in the UPS, whether to send related events through short messages.

Receive event settings

This page selects some or all of the various events detected by iStars and sends them to the corresponding mobile phone number.

Test setup

Test the SMS receiver's mobile phone number to check whether the web page function can be used normally and the receiver's mobile phone number to receive information normally. The receiver will receive a test message after clicking the test.

3.2.3 Statistical Query

The function options include four sub-functions of data recording, event recording, short message recording, and email. You can query the related historical records of the specified date by entering the year, month, and day. The related record information can also be saved to other storage devices through the save button on the page.

3.2.3.1 Data Record

This page records the UPS input, output, battery, bypass, environment, and battery test data. To view UPS data for a specific day, enter the year, month, and day you want to query in the input box. If there is no data for that day, no data is displayed. You can also view the curve of the data change here.

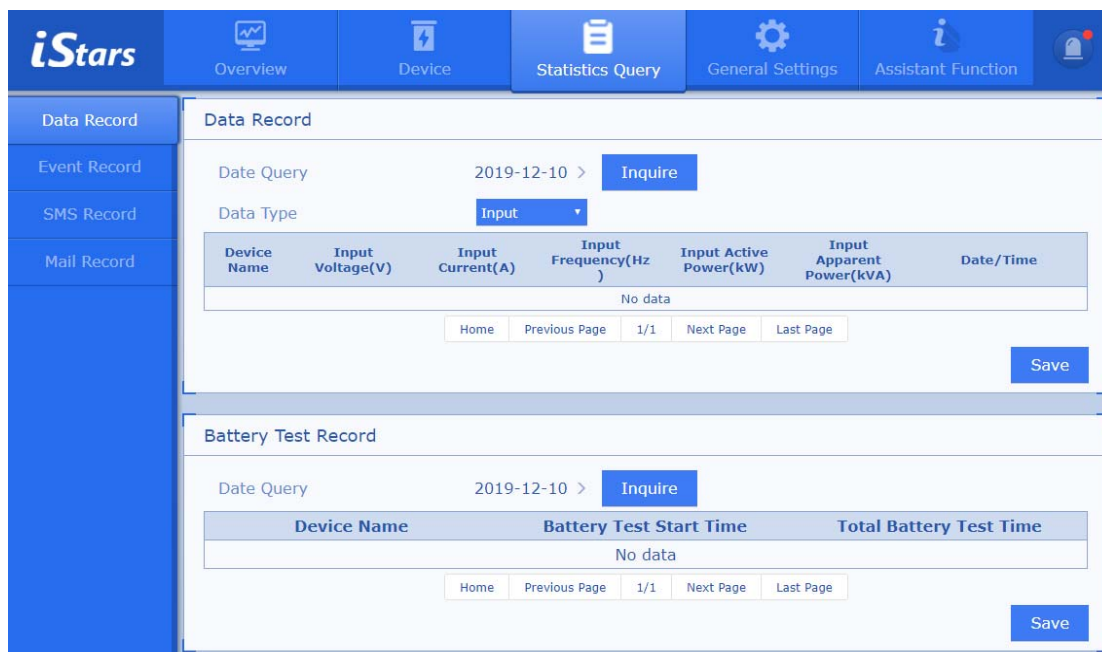


Figure 3.12 Data Record, Battery Test Record

You can select the data you want to view in the data list, and you can select up to 4 at a time.

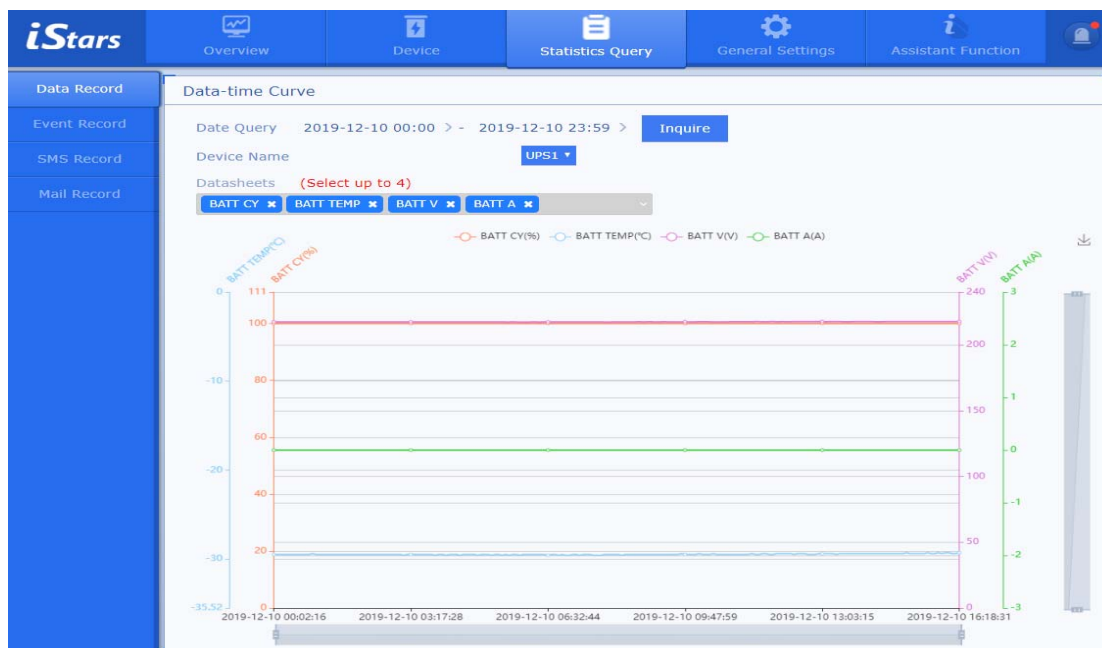


Figure 3.13 Data-Time Curve

3.2.3.2 Event Record

This page records the details such as the date / time and time description of the UPS event. To view the event records of a specific day, enter the day you want to query in the box.



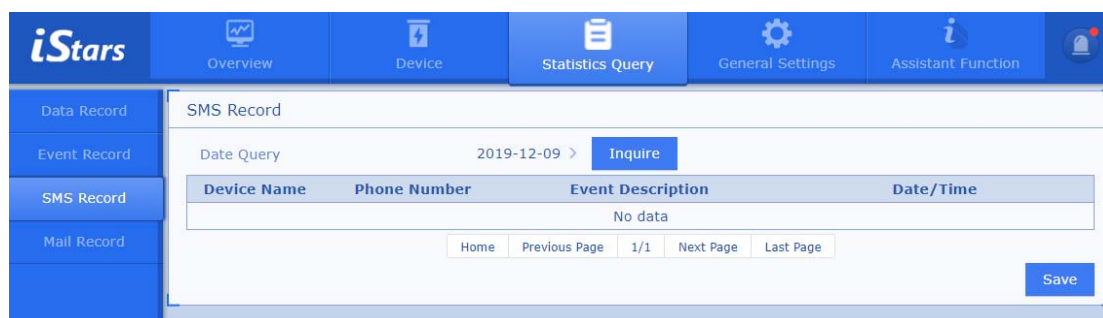
The screenshot shows the 'iStars' interface with the 'Event Record' (事件记录) page selected. The page title is '事件记录'. Below the title, there is a 'Date Query' (查询日期) field set to '2019-12-09' and an 'Inquire' (查询) button. A table lists event records with columns: 'Device Name' (设备名), 'Event Description' (事件描述), 'Occurrence Time' (发生时间), and 'End Time' (结束时间). The table contains 10 rows of data. At the bottom, there are navigation buttons: 'Home' (首页), 'Previous Page' (上一页), '1/3', 'Next Page' (下一页), and 'Last Page' (尾页). A 'Save' (保存) button is located in the bottom right corner.

设备名	事件描述	发生时间	结束时间
UPS	逆变器运行	2019-12-09 13:59:03	2019-12-09 18:27:12
UPS	电池浮充	2019-12-09 13:59:03	2019-12-09 18:27:12
UPS	逆变器运行	2019-12-09 13:52:55	2019-12-09 13:58:24
UPS	电池浮充	2019-12-09 13:52:55	2019-12-09 13:58:24
UPS	SMS模块工作异常	2019-12-09 11:58:44	2019-12-09 13:51:18
UPS	SIM未安装	2019-12-09 11:58:44	2019-12-09 13:51:18
UPS	SIM卡未注册到网络	2019-12-09 11:58:44	2019-12-09 13:51:18
UPS	SMS模块通信中断	2019-12-09 11:58:44	2019-12-09 13:51:18
UPS	逆变器运行	2019-12-09 11:58:27	2019-12-09 13:52:00
UPS	电池浮充	2019-12-09 11:58:27	2019-12-09 13:52:00

Figure 3.14 Event Record Page

3.2.3.3 SMS Record

This page mainly records the details of the SMS test, the date / time of the SMS alert, and the time description. To view the event records of a specific day, enter the day you want to query in the box.



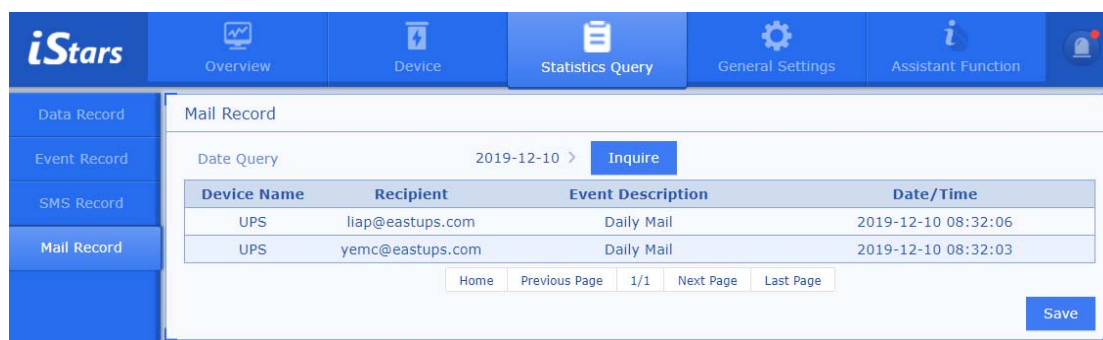
The screenshot shows the 'iStars' interface with the 'SMS Record' (短信记录) page selected. The page title is 'SMS Record'. Below the title, there is a 'Date Query' (查询日期) field set to '2019-12-09' and an 'Inquire' (查询) button. A table lists SMS records with columns: 'Device Name' (设备名), 'Phone Number' (手机号码), 'Event Description' (事件描述), and 'Date/Time' (日期/时间). The table contains one row with the text 'No data'. At the bottom, there are navigation buttons: 'Home' (首页), 'Previous Page' (上一页), '1/1', 'Next Page' (下一页), and 'Last Page' (尾页). A 'Save' (保存) button is located in the bottom right corner.

设备名	Phone Number	Event Description	Date/Time
No data			

Figure 3.15 SMS Record Page

3.2.3.4 Email Record

This page mainly records the details of email test, email daily report, date / time and time description of email alert. To view the event records of a specific day, enter the day you want to query in the box.



The screenshot shows the 'iStars' interface with the 'Mail Record' (邮件记录) page selected. The page title is 'Mail Record'. Below the title, there is a 'Date Query' (查询日期) field set to '2019-12-10' and an 'Inquire' (查询) button. A table lists email records with columns: 'Device Name' (设备名), 'Recipient' (收件人), 'Event Description' (事件描述), and 'Date/Time' (日期/时间). The table contains two rows of data. At the bottom, there are navigation buttons: 'Home' (首页), 'Previous Page' (上一页), '1/1', 'Next Page' (下一页), and 'Last Page' (尾页). A 'Save' (保存) button is located in the bottom right corner.

Device Name	Recipient	Event Description	Date/Time
UPS	liap@eastups.com	Daily Mail	2019-12-10 08:32:06
UPS	yemc@eastups.com	Daily Mail	2019-12-10 08:32:03

Figure 3.16 Email Record Page

3.2.4 General Settings

Function options include network settings, system settings, and network management settings. This feature is not open to users with read-only permissions.

3.2.4.1 Network Settings

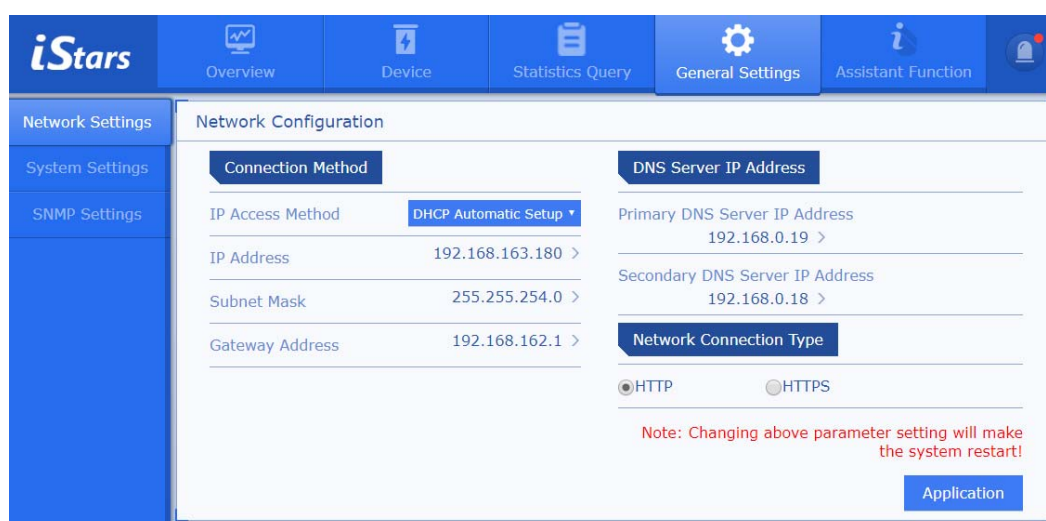
This web page sets network connection information, DNS server IP address, dynamic domain name resolution, web page remote login and other functions.

Network Configuration

The IP acquisition method can be set manually or automatically by DHCP. Contact your network administrator for the appropriate settings.

If the DHCP network service is provided in the user's network, the automatic setting can be selected. At this time, the DHCP network service allocates the address, and the detailed information of the allocation can be displayed in the iSearch software.

If you cannot provide DHCP service, please choose manual settings, please assign an IP address, subnet mask, gateway address, and primary and secondary DNS servers on the same network segment as the user workstation. Figure 3.16 shows the network configuration function.



The screenshot shows the iStars web interface for Network Configuration. The top navigation bar includes Overview, Device, Statistics Query, General Settings (selected), and Assistant Function. The left sidebar shows Network Settings (selected), System Settings, and SNMP Settings. The main content area is titled 'Network Configuration' and contains the following fields:

- Connection Method:** DHCP Automatic Setup (dropdown menu)
- IP Access Method:** DHCP Automatic Setup (dropdown menu)
- IP Address:** 192.168.163.180 (with expand/collapse arrow)
- Subnet Mask:** 255.255.254.0 (with expand/collapse arrow)
- Gateway Address:** 192.168.162.1 (with expand/collapse arrow)
- DNS Server IP Address:**
 - Primary DNS Server IP Address: 192.168.0.19 (with expand/collapse arrow)
 - Secondary DNS Server IP Address: 192.168.0.18 (with expand/collapse arrow)
- Network Connection Type:**
 - HTTP
 - HTTPS

A red note at the bottom states: "Note: Changing above parameter setting will make the system restart!". An 'Application' button is located at the bottom right of the configuration area.

Figure 3.17 Network Configuration

Dynamic Domain Name Resolution

Before using the dynamic domain name resolution function, you need to apply for an account on the website of the dynamic domain name resolution provider in advance. After the application is successful, the public IP address of the SNMP card is mapped to the corresponding domain name through the dynamic domain name resolution provider. After the setting is successful, you can browse the webpage through the domain name.

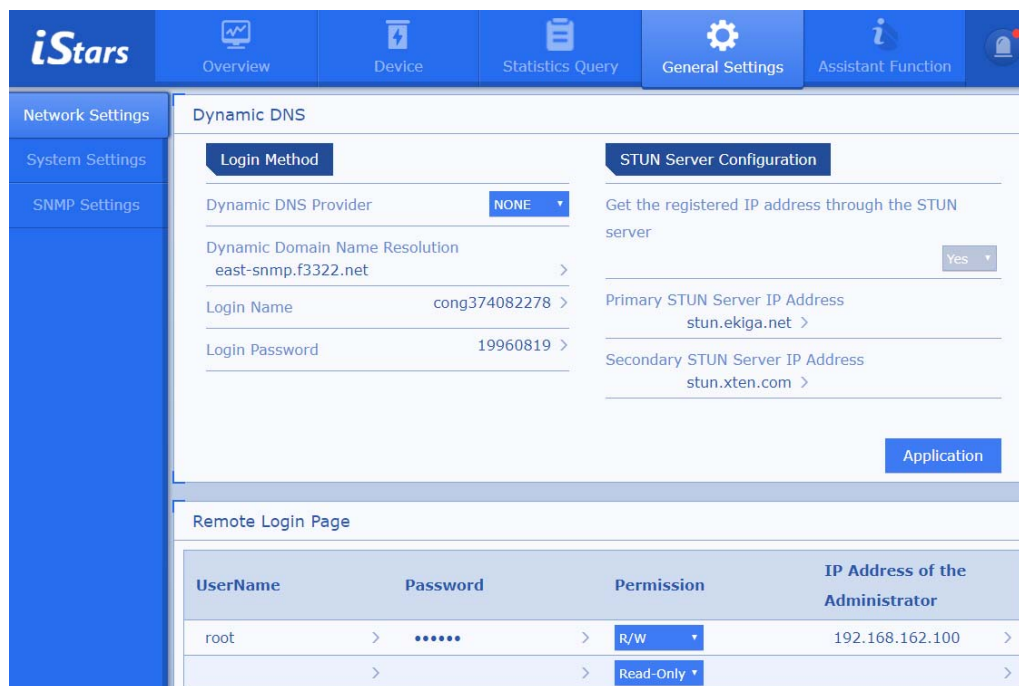
Remote Login Page

In this table, you can set the user name, password (that is, the password), login permission, and login IP address for logging in to iStars.

The permission settings are no permission, read-only, and read / write. "No authority" means that a certain user name or IP is prohibited from using the system web page; "readable" means that the user has only the right to view the information on the web page, and cannot use the setting and control

function options in the web page.

The setting format of the manager's IP address is the same as that in the connection status table. After setting the manager IP, the designated user must log in to the iStars web page on the terminal corresponding to the IP address; without setting the manager IP address, you can log in to the iStars web page on any terminal. Figure 3.17 shows the functions of dynamic domain name resolution and web remote login.



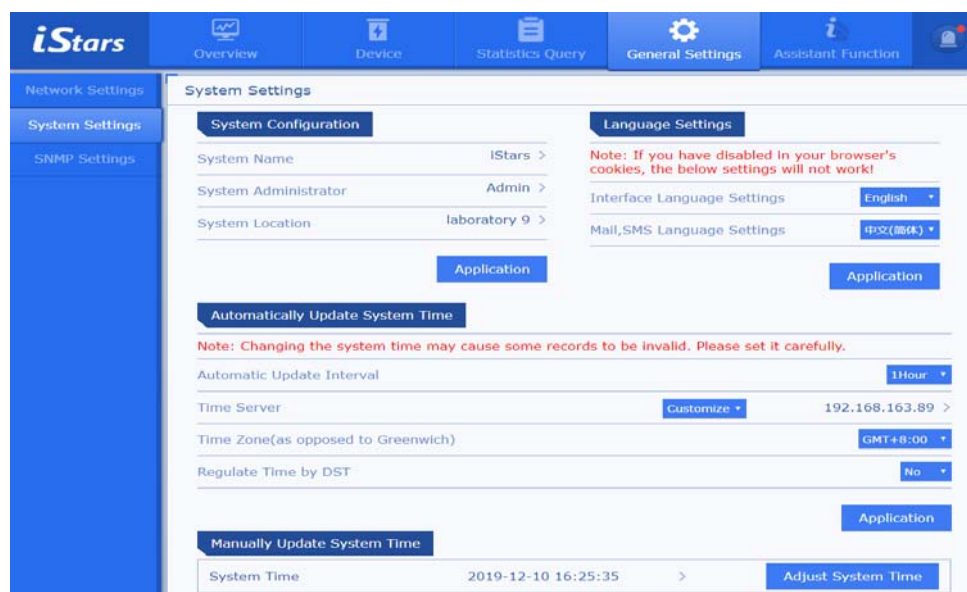
The screenshot shows the iStars web interface. The top navigation bar includes Overview, Device, Statistics Query, General Settings, and Assistant Function. The left sidebar shows Network Settings, System Settings, and SNMP Settings. The main content area is titled 'Dynamic DNS' and is divided into two sections: 'Login Method' and 'STUN Server Configuration'. The 'Login Method' section includes fields for Dynamic DNS Provider (NONE), Dynamic Domain Name Resolution (east-snmf.f3322.net), Login Name (cong374082278), and Login Password (19960819). The 'STUN Server Configuration' section includes a 'Yes' checkbox, Primary STUN Server IP Address (stun.ekiga.net), and Secondary STUN Server IP Address (stun.xten.com). Below these sections is a 'Remote Login Page' table with columns for UserName, Password, Permission, and IP Address of the Administrator.

UserName	Password	Permission	IP Address of the Administrator
root	R/W	192.168.162.100
		Read-Only	

Figure 3.18 Dynamic DNS, Remote Login Page

3.2.4.2 System Settings

System settings include four functions: system configuration, language setting, update system time, and system restart.



The screenshot shows the iStars web interface with the 'System Settings' page selected. The page is divided into four main sections: 'System Configuration', 'Language Settings', 'Automatically Update System Time', and 'Manually Update System Time'. The 'System Configuration' section includes System Name (iStars), System Administrator (Admin), and System Location (laboratory 9). The 'Language Settings' section includes a note about cookies, Interface Language Settings (English), and Mail,SMS Language Settings (中文(简体)). The 'Automatically Update System Time' section includes a note about system time changes, Automatic Update Interval (1 Hour), Time Server (192.168.163.89), Time Zone (GMT+8:00), and Regulate Time by DST (No). The 'Manually Update System Time' section includes the current System Time (2019-12-10 16:25:35) and an 'Adjust System Time' button.

Figure 3.19 Dynamic DNS, Remote Login Page

System Configuration

System Name

Set the name of iStars. This item can be named by the user.

System Administrator

Set the iStars administrator name.

System Location

Set where iStars will be placed.

Automatically Update System Time

Automatic Update Interval

Set how often the system time is updated.

Time Server

Set the time server IP address on the network. You can use the existing network address or customize the time server IP address.

Time Zone (as opposed to Greenwich)

This item can be adjusted according to different time zones. GMT is Greenwich Mean Time.

Regulate Time by DST

If this option is set to YES, the time will be automatically changed to daylight saving time. Click the Adjust System Time Now button to complete the above four settings.

Manually Update System Time

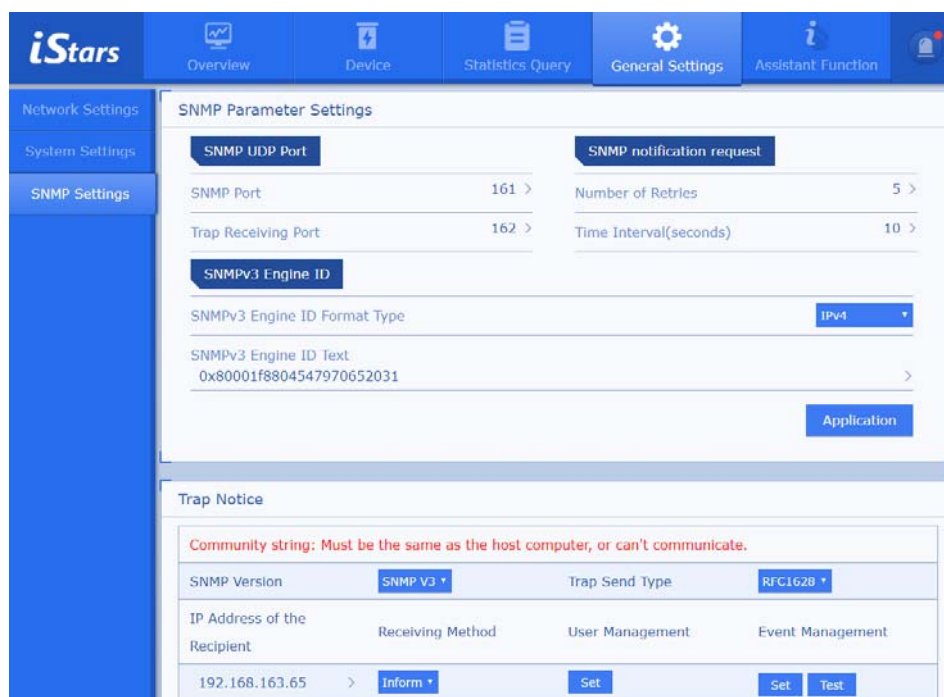
This item is used when the user manually updates.

System restart

This item is used for users to restart the system at regular intervals.

3.2.4.3 SNMP Settings

SNMP network management settings are mainly used for trap notifications and SNMP protocol notifications. Figure 3.19 shows the network management settings.



The screenshot shows the iStars web interface for SNMP settings. The top navigation bar includes 'Overview', 'Device', 'Statistics Query', 'General Settings', and 'Assistant Function'. The left sidebar has 'Network Settings', 'System Settings', and 'SNMP Settings'. The main content area is titled 'SNMP Parameter Settings' and contains the following fields:

- SNMP UDP Port**: SNMP Port (161 >), Trap Receiving Port (162 >)
- SNMP notification request**: Number of Retries (5 >), Time Interval(seconds) (10 >)
- SNMPv3 Engine ID**: SNMPv3 Engine ID Format Type (IPv4), SNMPv3 Engine ID Text (0x80001f8904547970652031)
- Trap Notice**: Community string (Must be the same as the host computer, or can't communicate), SNMP Version (SNMP V3), Trap Send Type (RFC1628), IP Address of the Recipient (192.168.163.65), Receiving Method (Inform), User Management (Set), Event Management (Set, Test)

Figure 3.20 SNMP Settings Page

SNMP Parameter Settings

SNMP port, Trap receiving port

These two columns set the SNMP and Trap ports. The default SNMP port is 161, and the Trap port is 162 by default.

SNMP notification request

This column sets the number of repetitions and time interval for Trap Inform notifications.

SNMPv3 Engine ID

This column sets the SNMP V3 entity engine ID.

Trap notification

IP address of the Recipient

This field is used to set the IP address of the recipient receiving the Trap notification sent by the SNMP card. A total of 8 recipient IP addresses can be set.

Community string

This column sets the name of the community string. If it communicates with the host computer, the community string must be the same, otherwise it cannot communicate.

Trap sending type, receiving method

Trap sending types currently only support RFC1628, and the receiving methods are Trap and Inform.

Event management

The SNMP card can detect various events of the UPS. Users can check the events received by each user separately here, and click the [Test] button here to test whether the function is normal.

User Management

Here you can manage the information that Trap notifies each user.

SNMP Management Settings

IP of Manager

The SNMP manager IP address is set here. A total of 8 addresses can be set. When set to '*.*.*.*', This SNMP card can be managed at any IP address.

Community string

Set the name of the community string here (the community string must be the same as the setting at the NMS to receive).

SNMP permissions

Please set the manager's authority here.

User name, user password, privacy password, authentication, privacy protection

Set user authentication information for SNMP manager here.

3.2.5 Assistant Function

Feature options include firmware updates, serial debugging, help, and about.

3.2.5.1 Firmware Update

This page updates the firmware, including local update and online update. Users need to upload files or update firmware online. Depending on the network and the size of the update package, it may take

several seconds to several minutes. Please wait patiently. After uploading the file or updating the firmware online, please check whether the information in the device list is correct, and finally click "Start Upgrade". When the firmware update is completed, iStars will restart automatically (note that the power cannot be turned off during the restart process, otherwise the product may not work properly), the monitoring webpage will not respond during the restart process, and iSearch cannot find its address. After the restart is complete, check if the firmware version in the iSearch software, firmware update page, and about page has been updated.

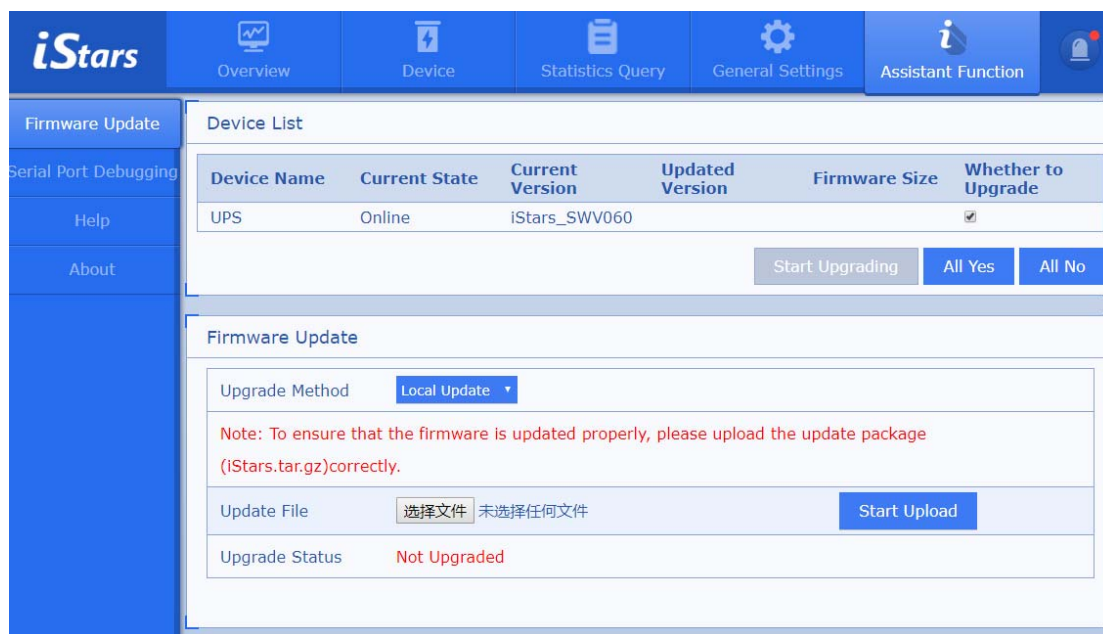


Figure 3.21 SNMP Settings Page

Local update

Before use, please check if the upgrade package is correct. Select the file package to be updated in the "Upgrade file" column and upload the upgrade package. After the upload is successful, please click "Start Upgrade", wait for the upgrade to complete, and the system will restart.

Update online

Before use, please check if the network is correct. Click "Check for version updates". After the update is complete, click "Start Upgrade", wait for the upgrade to complete, and the system will restart.

3.2.5.2 Serial Port Debugging

The user can choose the serial port type and encoding type, send debugging data, and observe whether the device / module can respond normally. If you need to export all the debugging data, please set the "System Record Serial Port Debugging Data" column to "Yes".

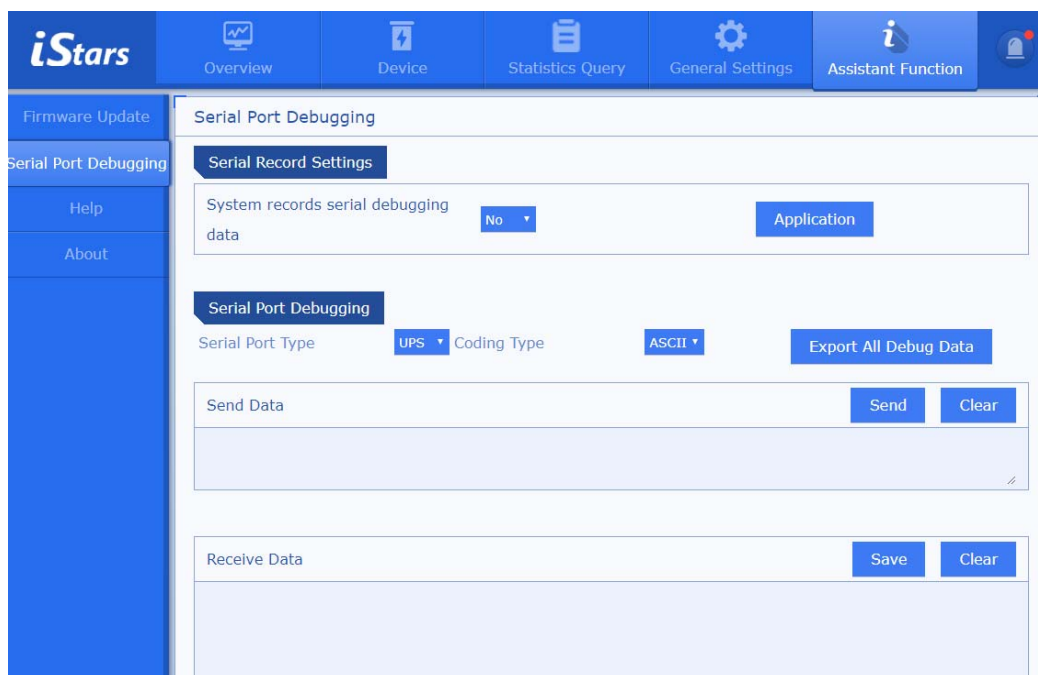


Figure 3.22 Serial Port Debugging Page

3.2.5.3 Help

This page mainly records the text description of each function of the iStars web page.

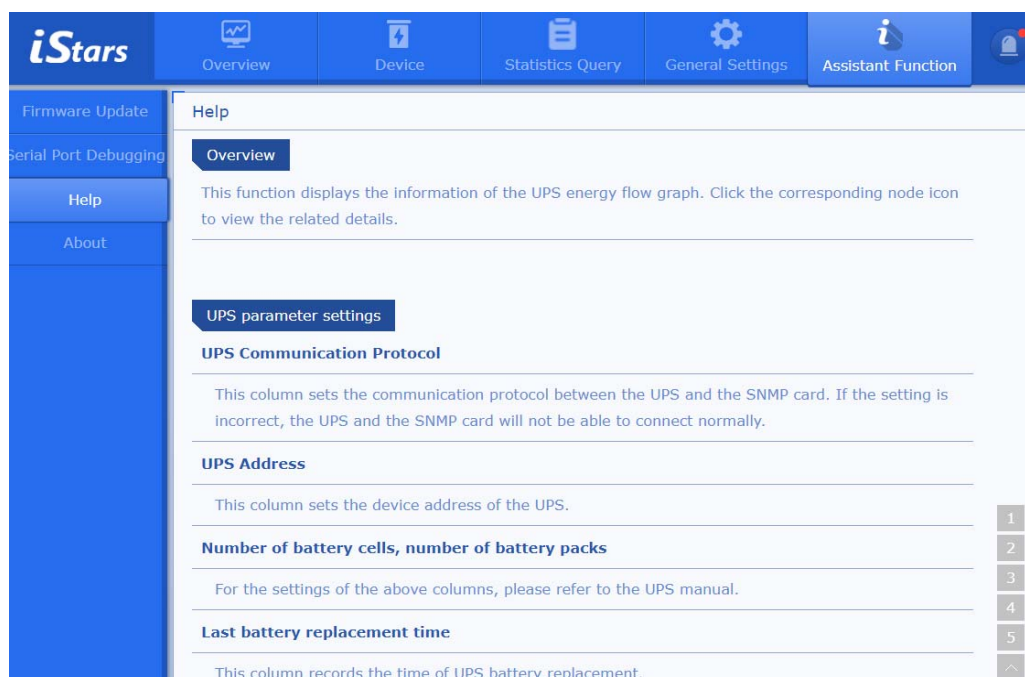


Figure 3.23 Help Page

3.2.5.4 About

This page mainly records iStars system information, network status, and functions for saving / recovering settings.

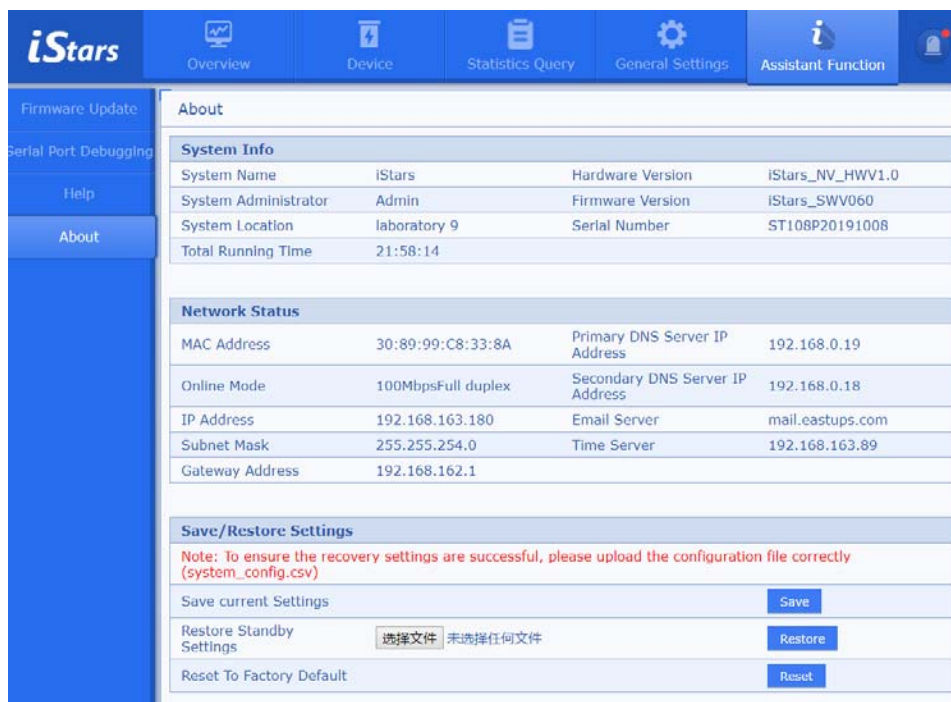


Figure 3.24 About Page

Save current settings

Save the data of the current web page settings. Export the "system_config.csv" configuration file. It is best not to modify this file at will.

Restore standby settings

Import the previously saved configuration file and restore the data set by the web page.

Reset to factory settings

Restore the system to factory settings and clear the settings saved on the webpage.

3.2.6 Current Alarm

This page mainly displays the current alarms of the UPS.

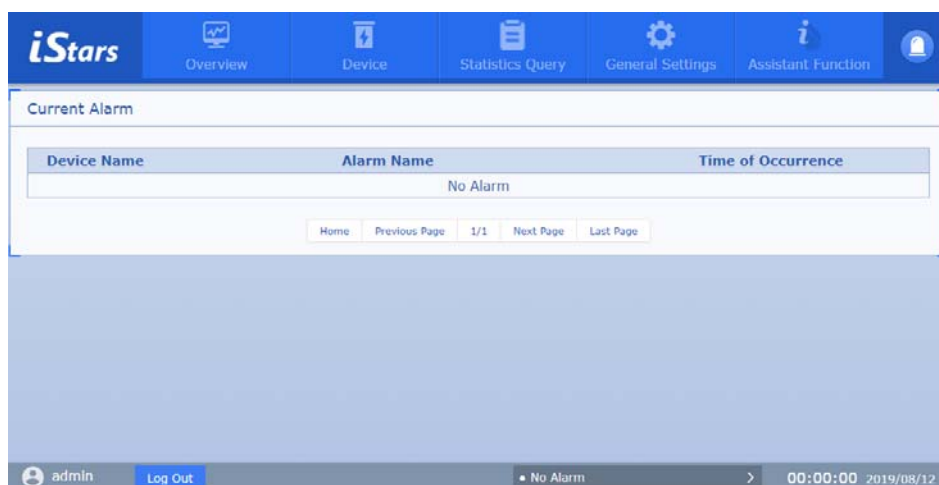


Figure 3.25 Current Alarm Page