

LIGHTCOM SIP PHONE USER MANUAL

Contents

1. Introduction ---- 03
2. Web Interface ---- 03
3. Setting Phone ---- 04
Status messages ---- 05
Basic Settings ---- 06
Server Settings ---- 07
Line Settings ---- 08
Advanced Settings ---- 09
External Speaker Configuration Page ---- 09
Function Settings ---- 10
Dial Settings ---- 10
Whitelist Settings ---- 11
Dialing Rules ---- 11
Output Settings ---- 12
Relay Settings ---- 12
Multicast Settings ---- 13
Tone Settings ---- 14
SIP Settings ---- 14
Task Scheduling ---- 15
System Settings ---- 15
Time and Date, SNTP Server Configuration ---- 16
Factory Reset and Reboot Page ---- 16
Advanced Network and VLAN Configuration Page ---- 17
Certificate Upload and Management Page ---- 17
Device Management ---- 18
Upload Configuration File ---- 18
Auto Configuration ---- 19
Device Self-Test Page ---- 19
Recording Interface ---- 20
Remote Management ---- 20
Debug Interface ---- 22
Call Logs Management Page ---- 22
Packet Capture and Download Page ---- 23
4. SIP Phone Specifications ---- 23

1. Introduction

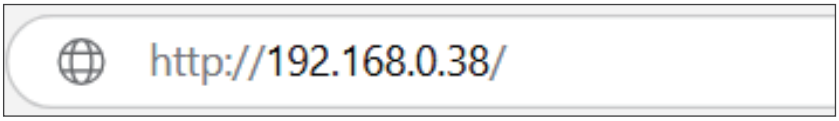
This manual is intended for system administrators who are responsible for setting up and configuring IP phones.
Users can run an easy-to-use web interface on a web browser (Microsoft® Internet Explorer browser is recommended).

2. Web Interface

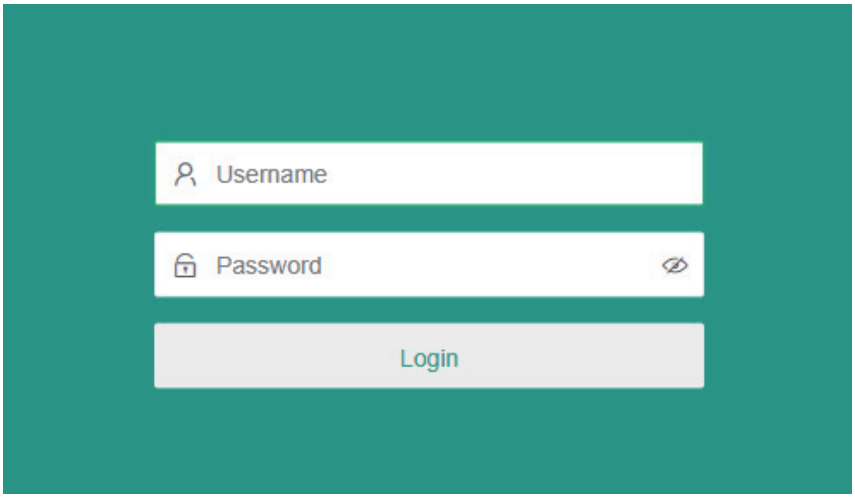
You can use any standard web server (such as Microsoft Internet Explorer) to access the web interface of the IP phone. The IP address used to access the web interface is the IP phone address, received from a DHCP server or manually configured (static IP address).

Enter the phone's web interface:

1. Connect the phone's WAN port to the IP network (use your local Internet service provider's network cable or ADSL modem). Determine the IP address obtained from the DHCP server, you can see the IP address on the LCD display; or after the phone connects to the network (it takes 40 ~ 60 seconds to successfully connect to the network), you can hear the voice of the IP address broadcast.
2. Open the web interface and enter the IP address of the phone (such as https://192.168.0.38) in the URL address field, as shown below:

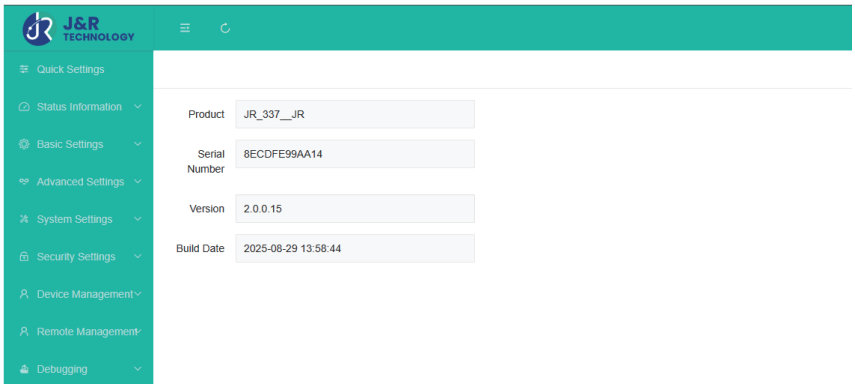


The web login window appears: **Web login window**



3. Enter the User name and Password, and then click OK.

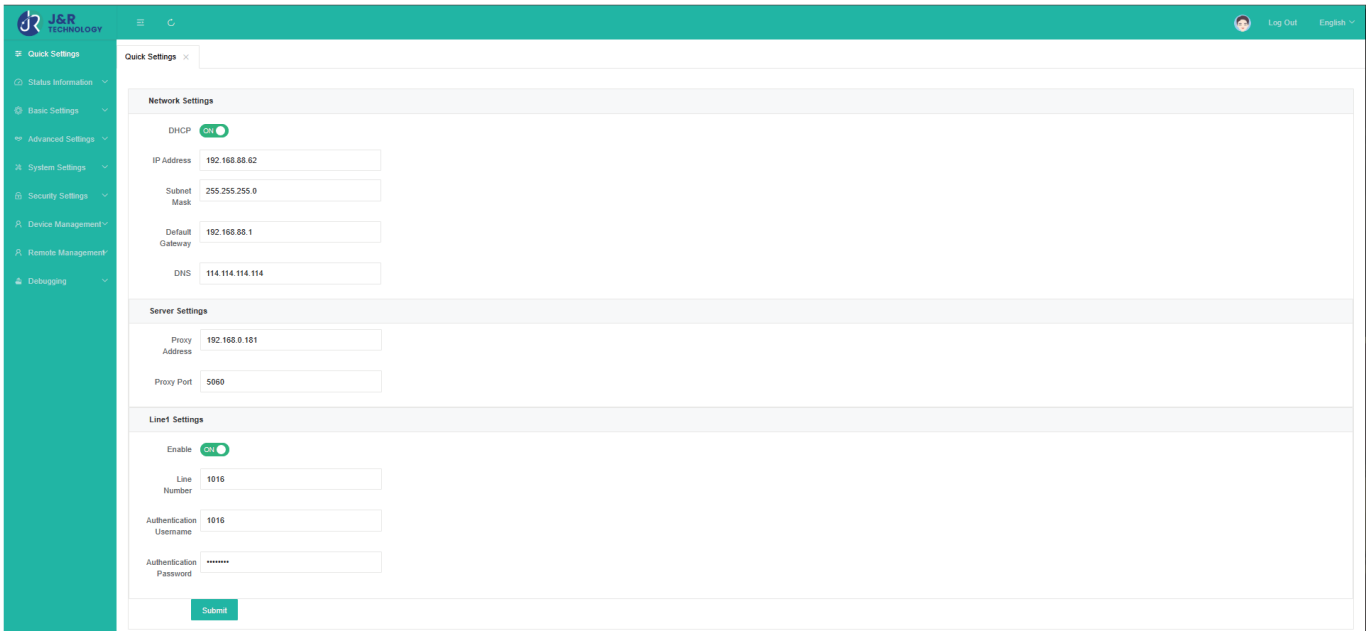
Note: The administrator's default login user name and password are "admin" and "admin" respectively.



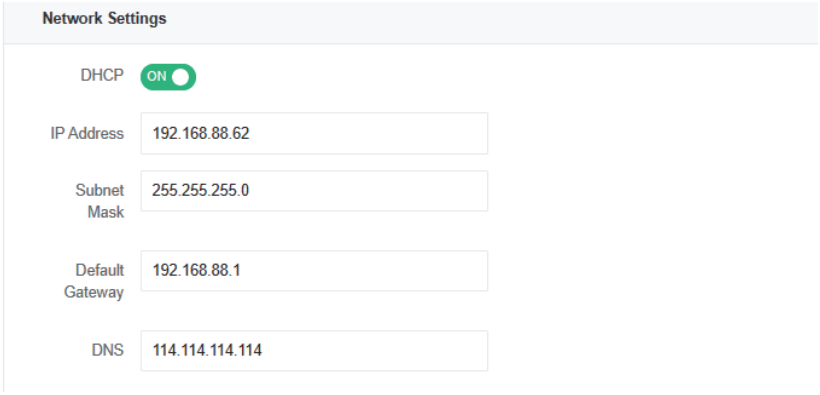
4. When there is no DHCP server, the phone cannot obtain a dynamic IP address. This phone has a second IP address. This IP address is static. You can connect to the phone through 192.168.188.200.

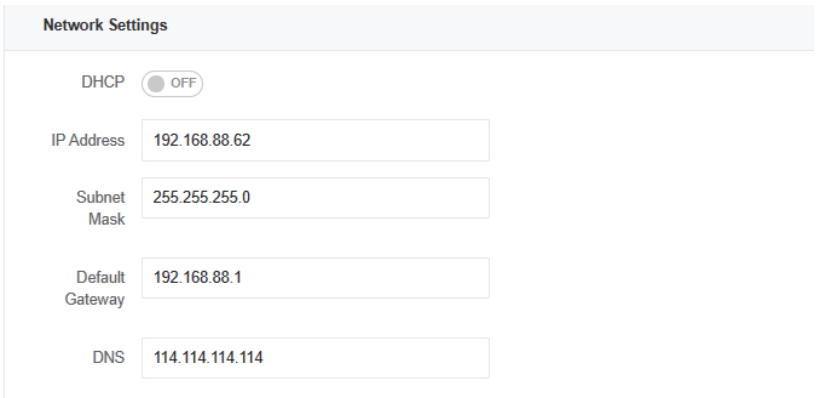
3. Setting Phone

To quickly setup your phone：

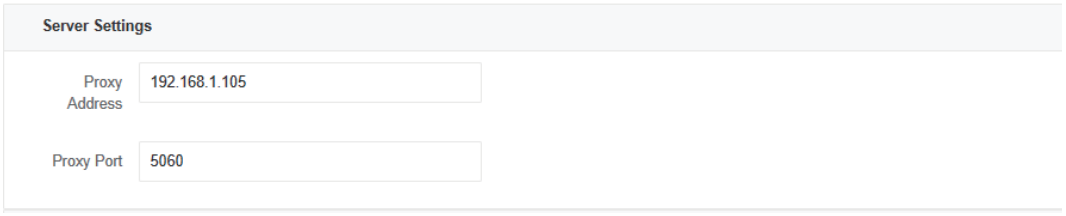


Network settings: The current DHCP (on) indicates the dynamic IP acquisition method. Click the button to switch the status to (off) to customize and configure a static IP address

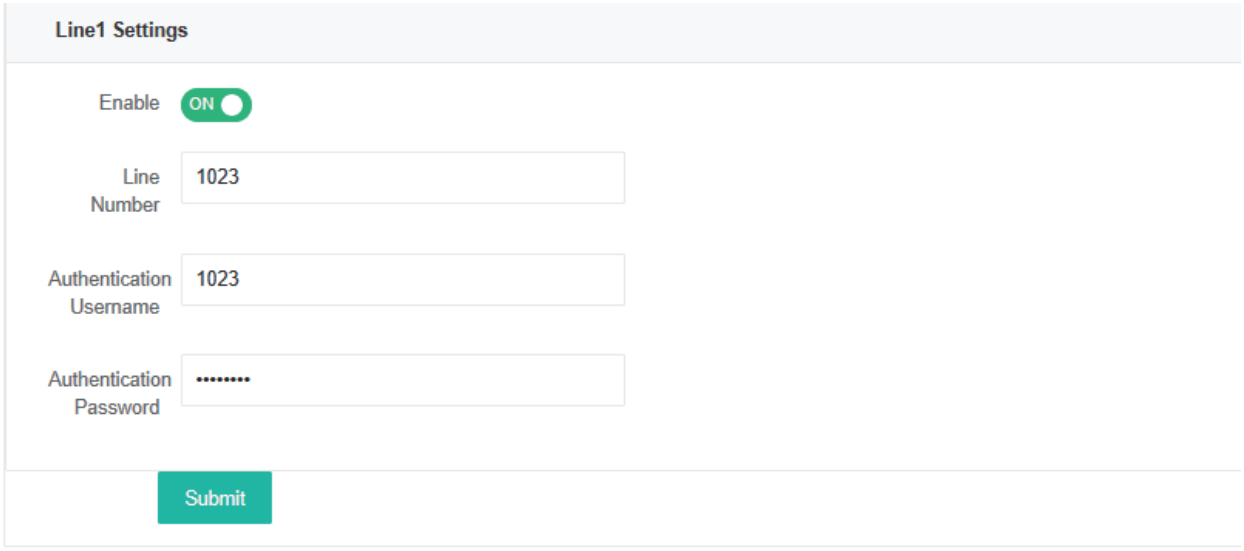




Server configuration. In the proxy address field, enter the IP address of the server. In the proxy port field, enter the registered port number of the server.

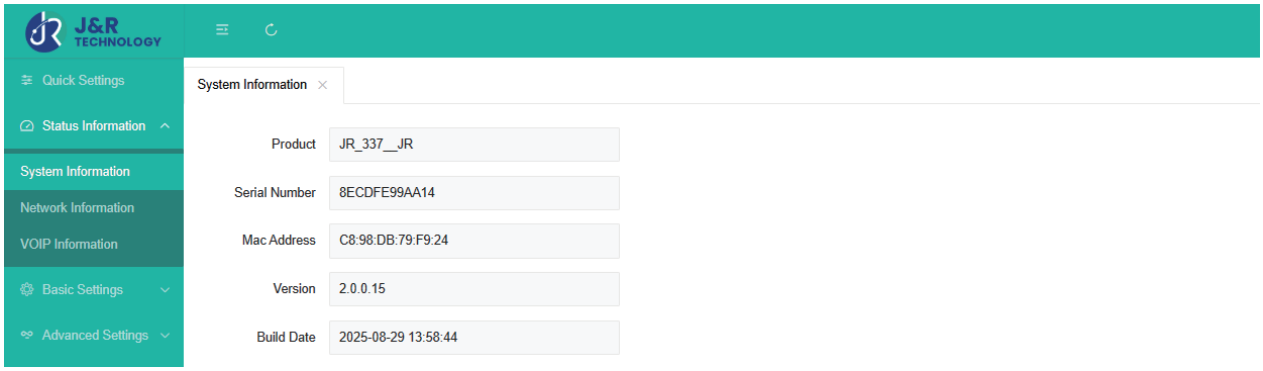


Line number. In the line number and authentication username fields, enter the authentication number and password for the server (the number and password here must be the same as those in the server, otherwise the registration will fail)



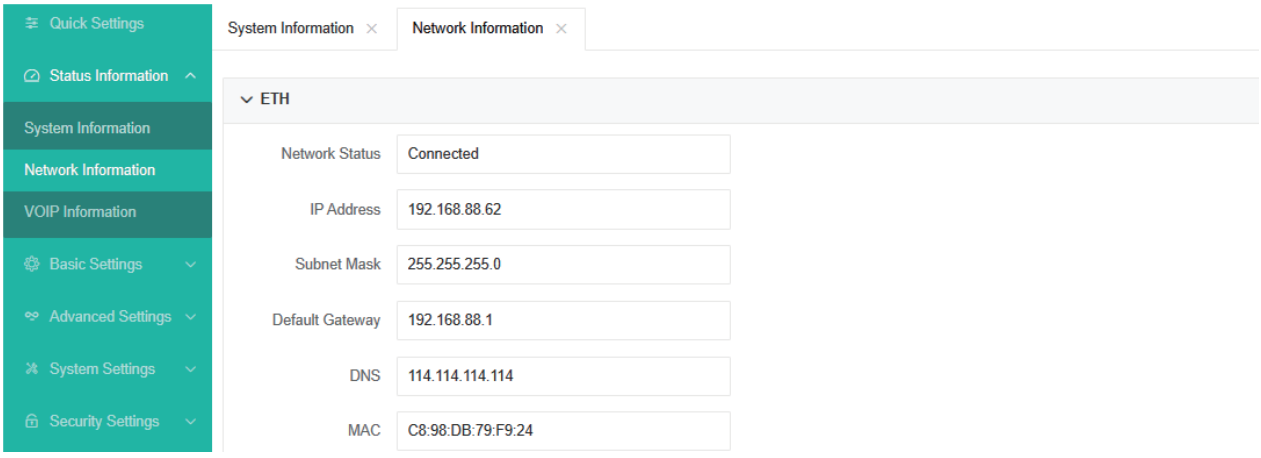
This column displays the Product Model: LC_337_LC. The display may vary across different versions (e.g., customized versions).

Status messages

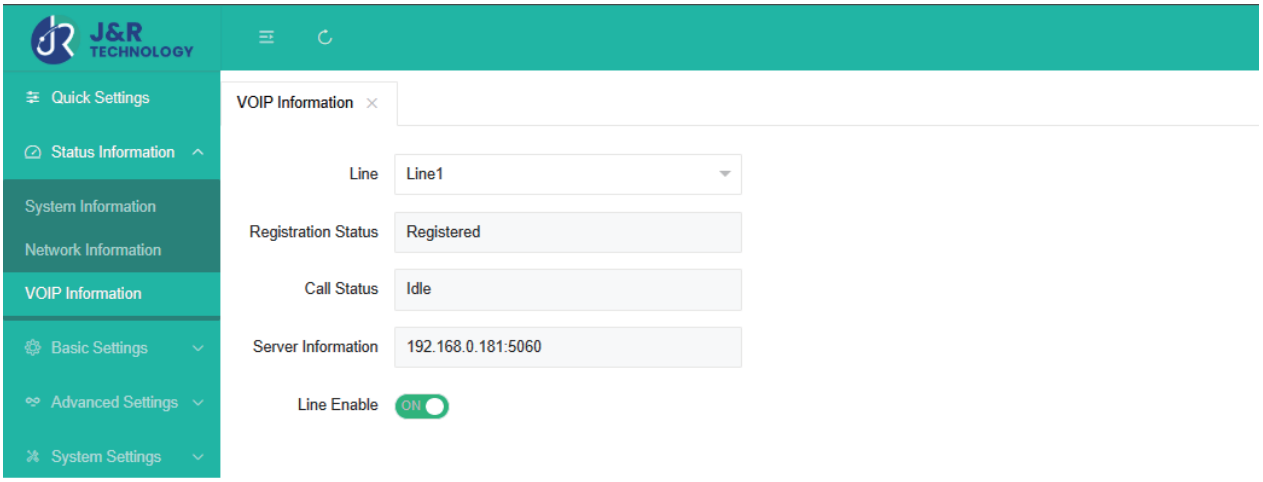


This column displays the Product Model: . The display may vary across different versions (e.g., customized versions).
Device Serial Number: 8ECDFE99AA14
MAC Address: C8:98:DB:79:F9:24
Software Version Number: 2.0.0.15
Software Version Release Date: 2025-08-29 13:58:44

Network Information: This column displays the network's IP Address, Subnet Mask, Gateway, DNS, and MAC Address.

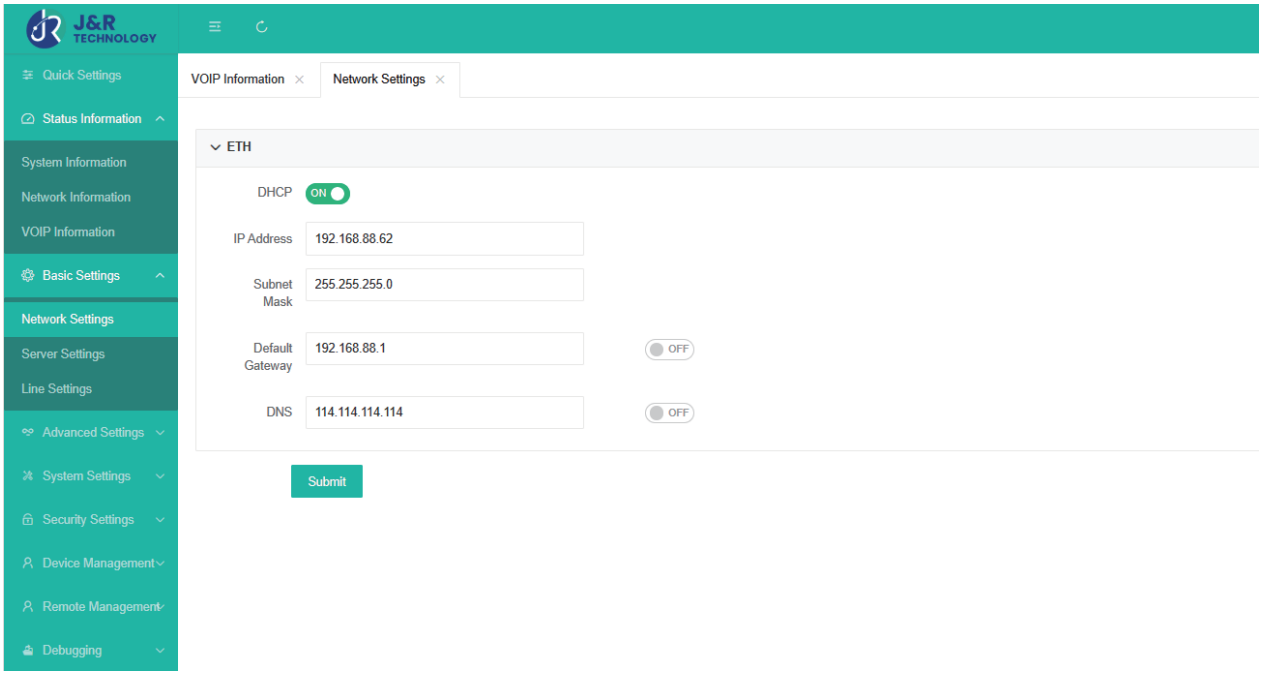


VOIP Information:This column displays the registration information, registration status, as well as server and port number information of the current device.



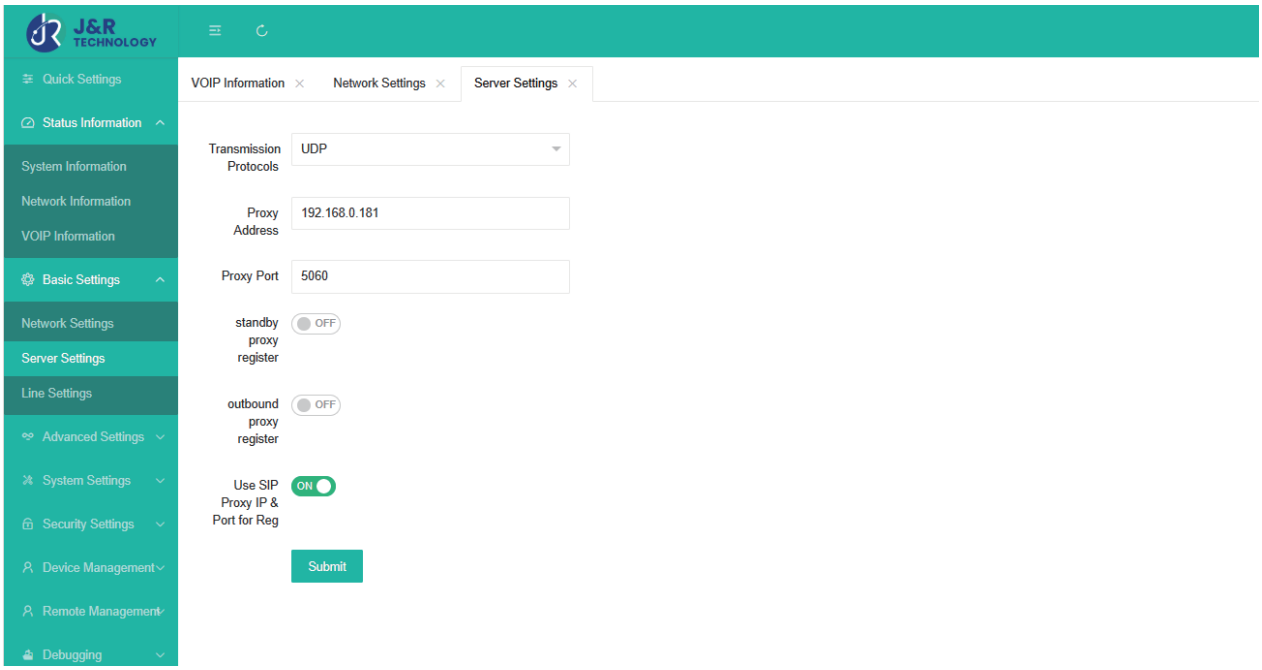
Basic Settings

This column allows modification of network configuration, including adjustments to dynamic (IP mode), static (IP mode), subnet mask, and gateway. (Note: "On" indicates dynamic IP acquisition; "Off" indicates static IP.)

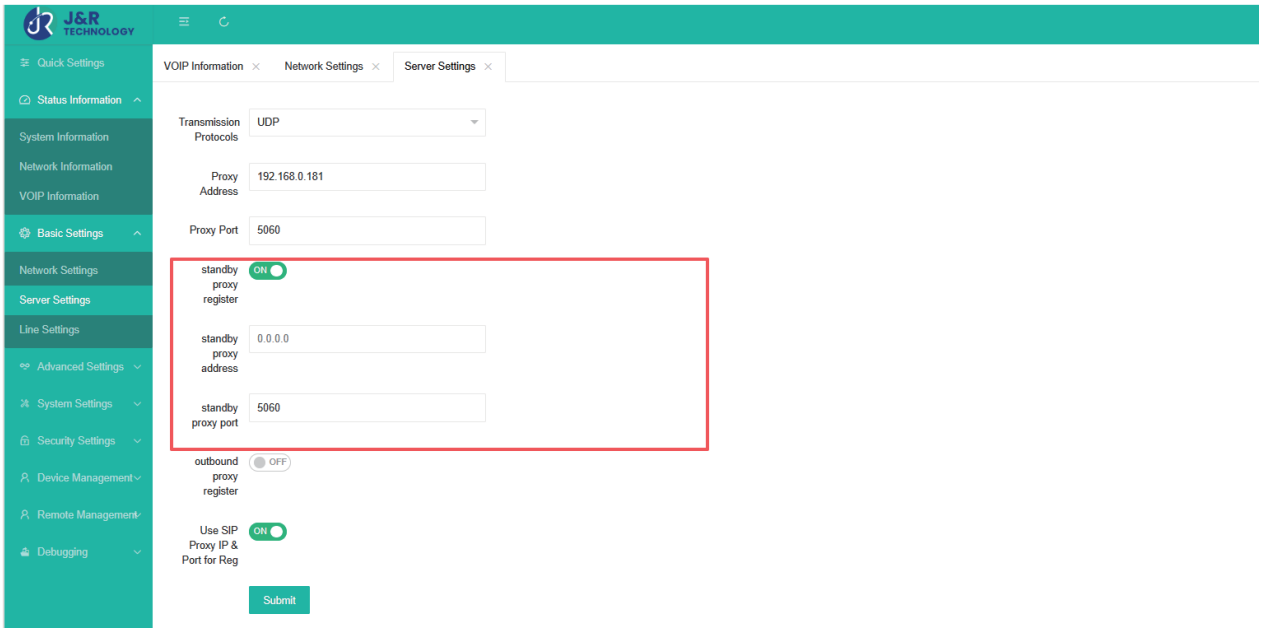


Server Settings

This column allows modification of the transmission protocol, server IP address and port (number), as well as registration for the backup server.

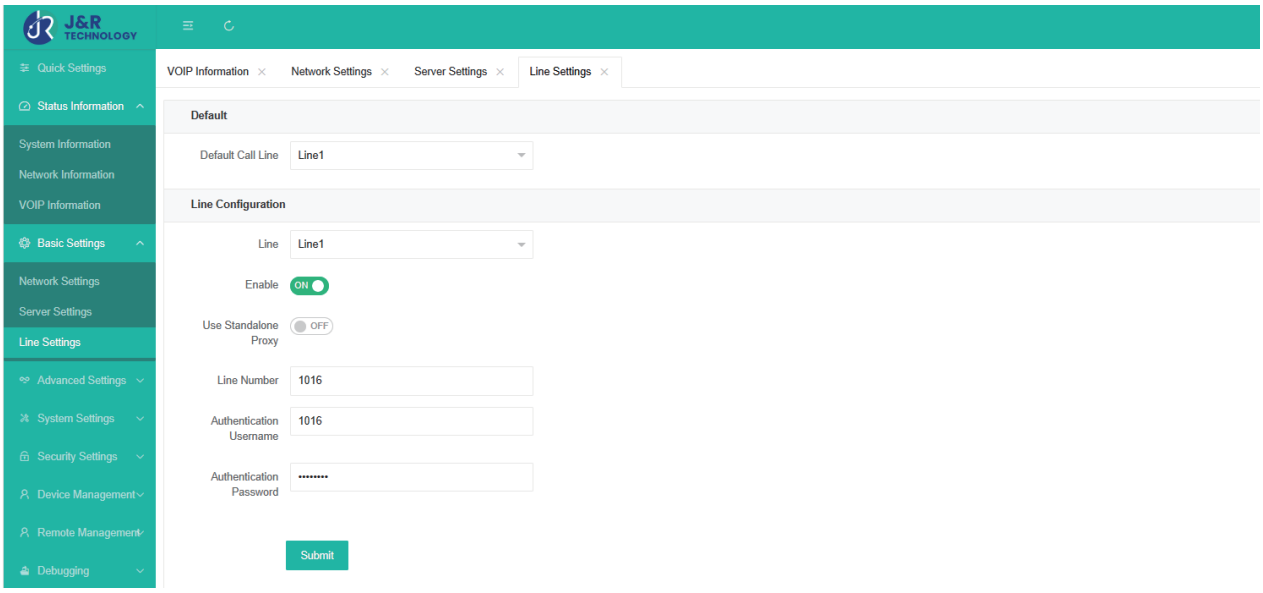


To use the backup server for registration, you need to enable the backup proxy and enter the backup server's IP address and port number.

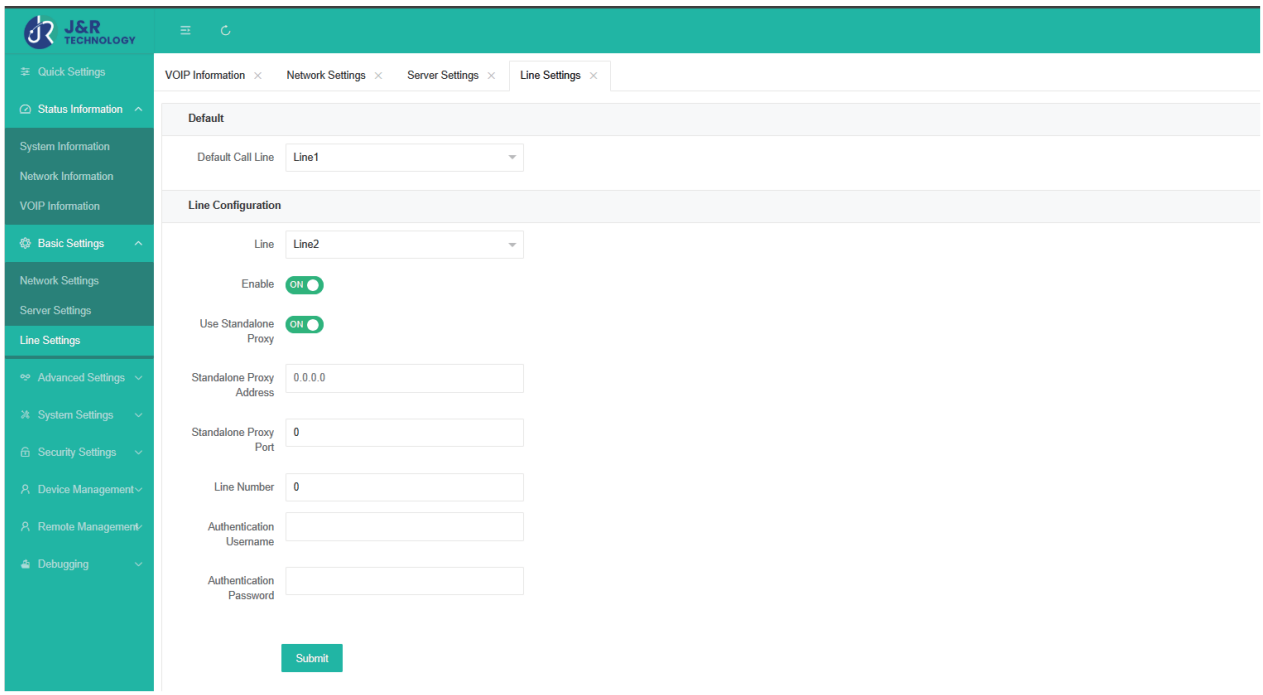


Line Settings

The current page displays the default registration line. The device can register 4 lines, and all of these lines can be online simultaneously.

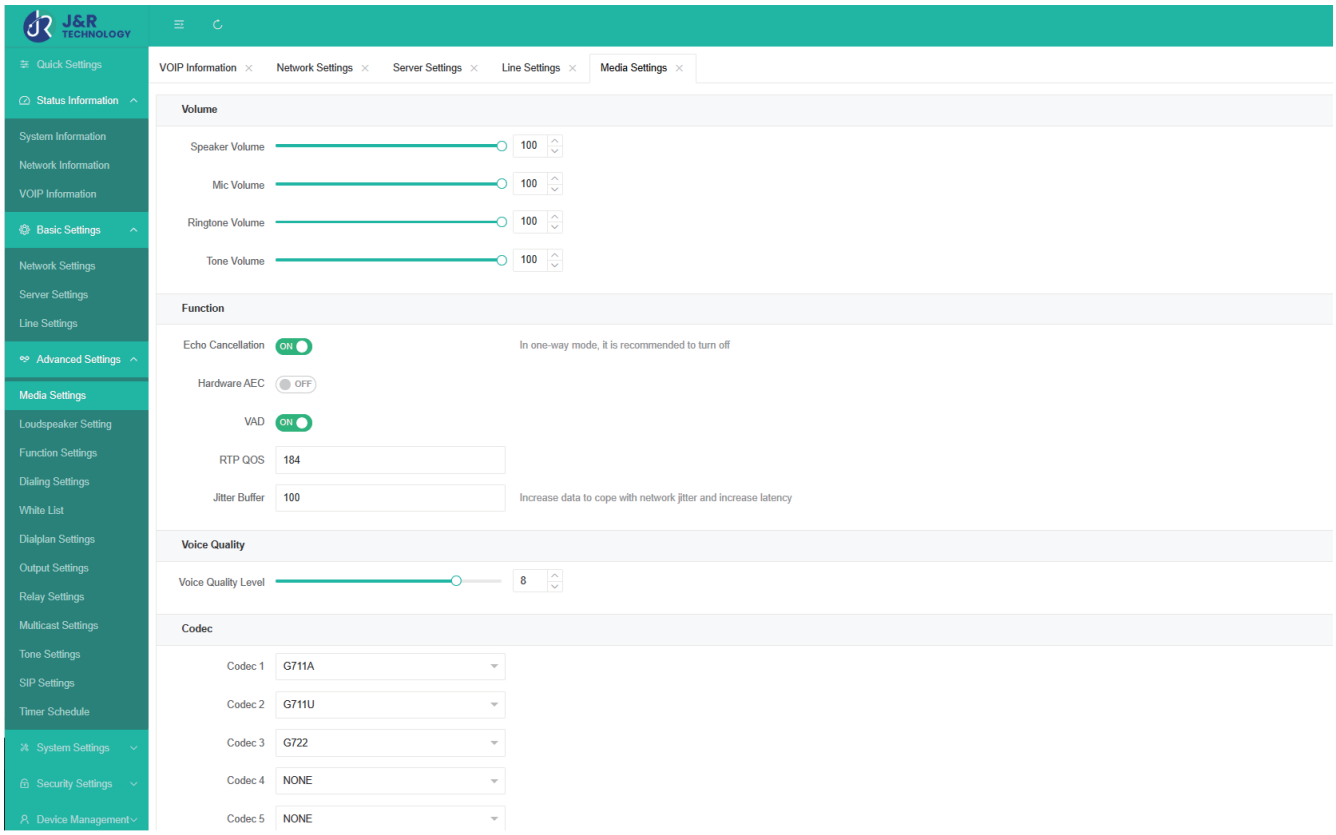


If you need to register other lines and servers, you need to select and enable the second line for registration. For example, to register Line 2: click Enable - Use Separate Server, then enter the service address and port number of the second line to complete the registration.



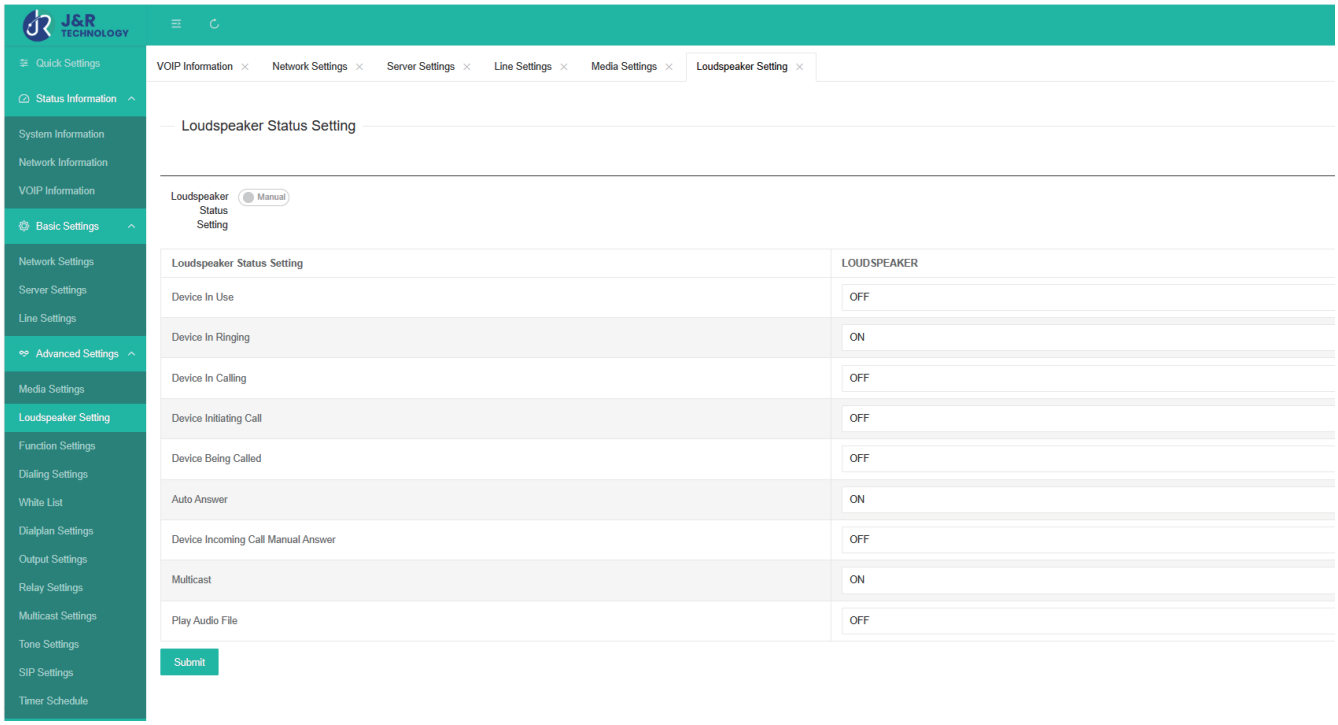
Advanced Settings

Media Settings: This allows adjustment of the volume level and codec as needed, including adjustment of the microphone volume and incoming call ringtone volume levels.



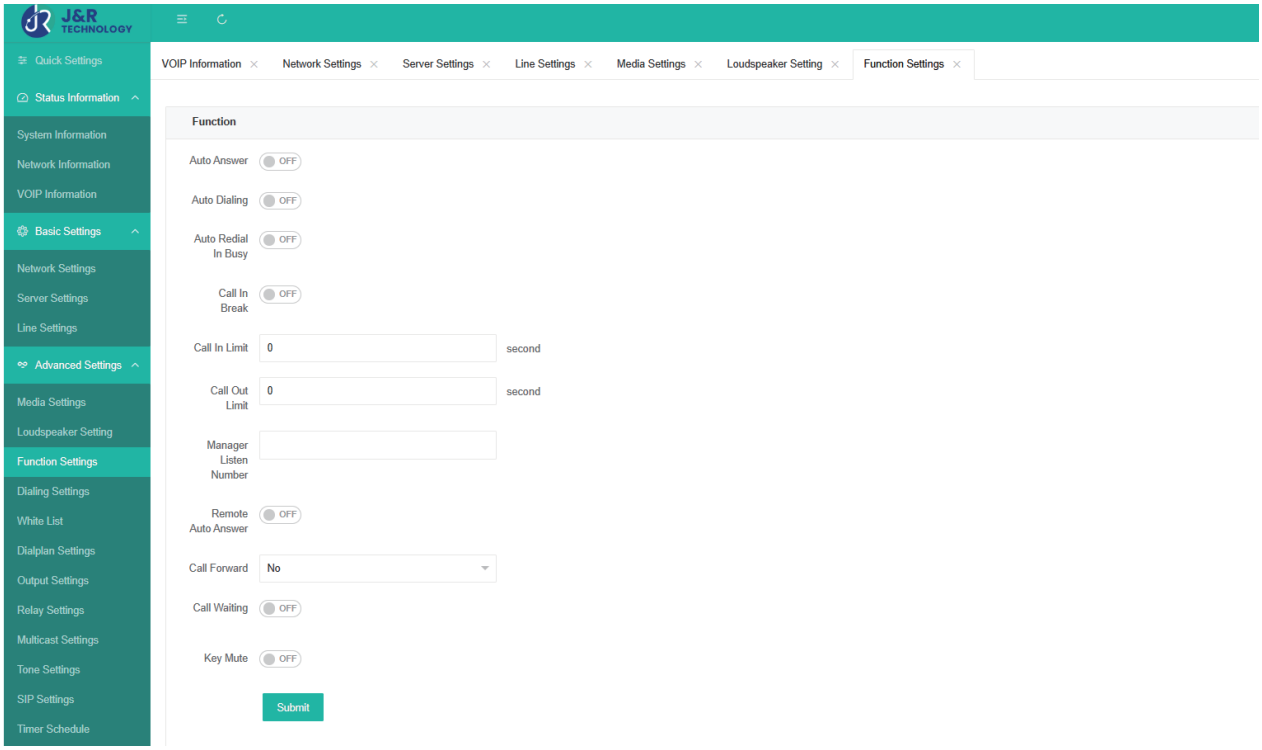
External Speaker Configuration Page

This page is used to configure the external speaker, including its operation mode.



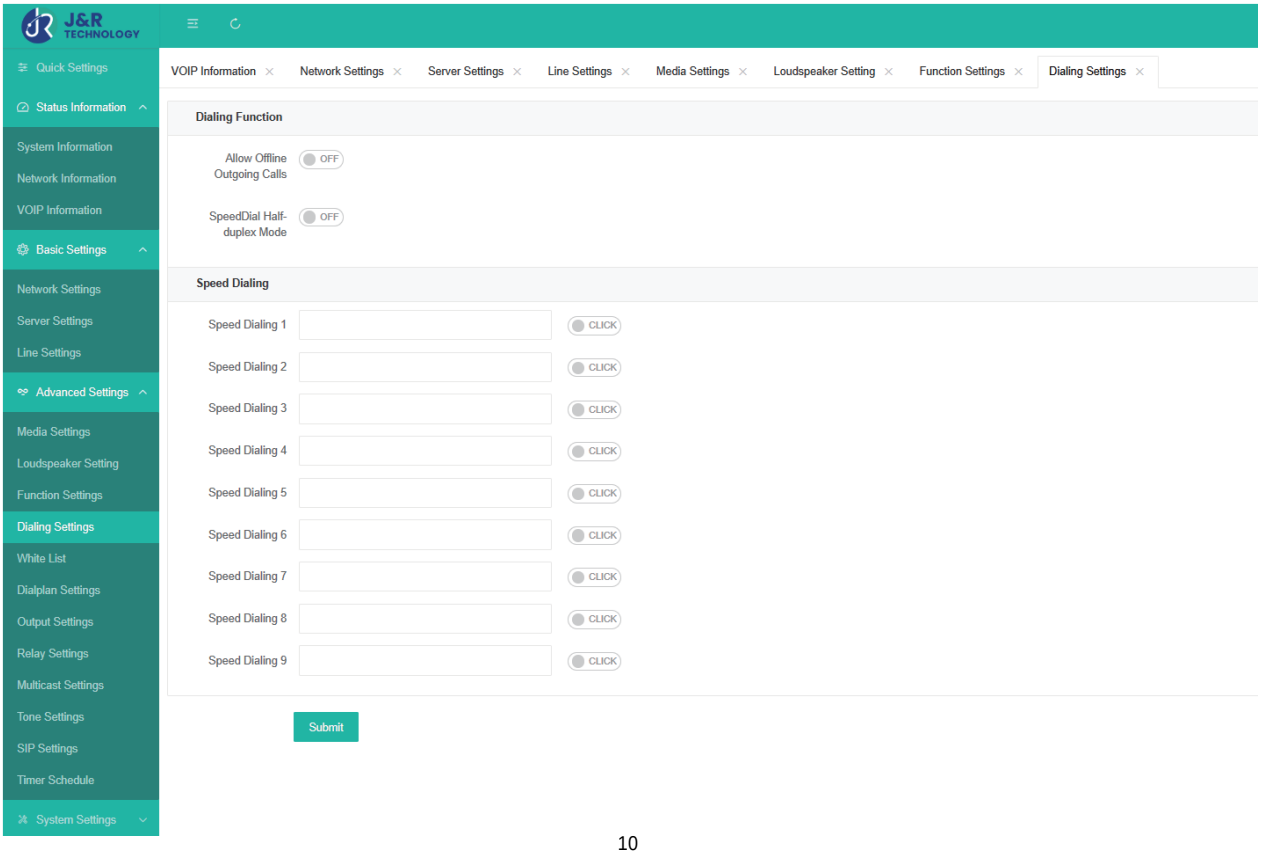
Function Settings

This page is used to configure auto-answer and auto-dial on off-hook for the phone



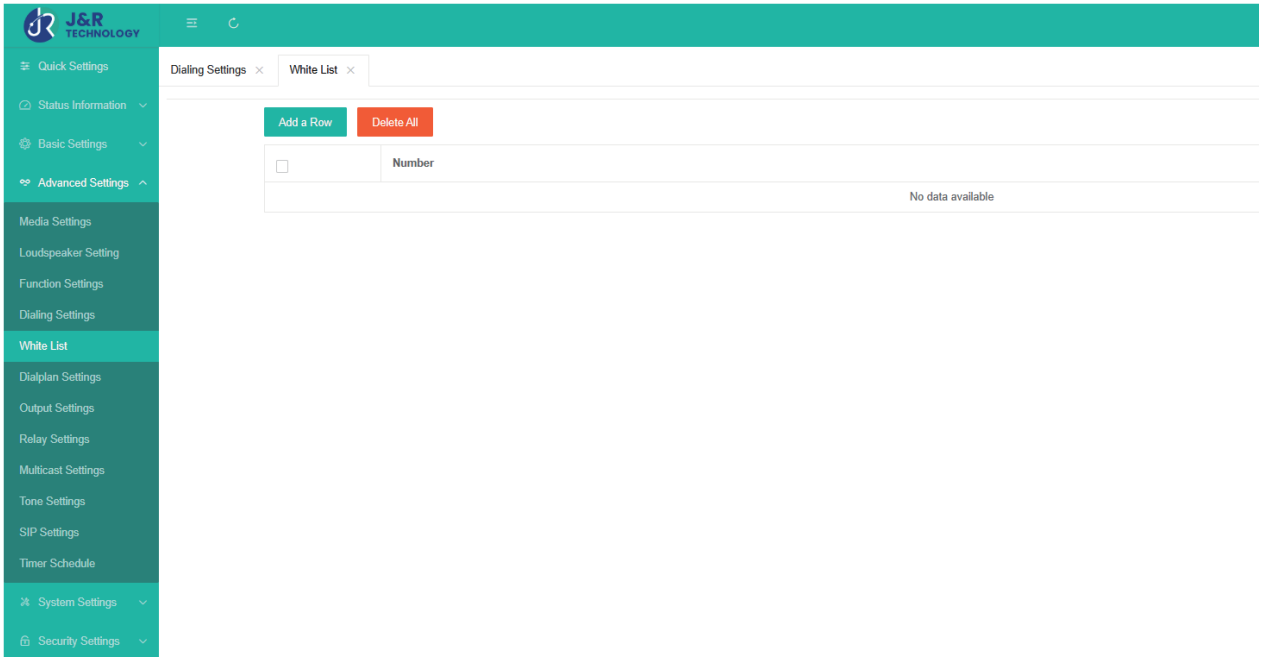
Dial Settings

Configure the speed dial page. Enter speed dial numbers in the blank fields on the current page; up to 9 speed dial numbers can be set. Each speed dial number has two operational modes: CLICK and HOLD. CLICK indicates pressing the button once, while HOLD indicates pressing and holding the button.



Whitelist Settings

This page is used to configure auto-answer and auto-dial on off-hook for the phone

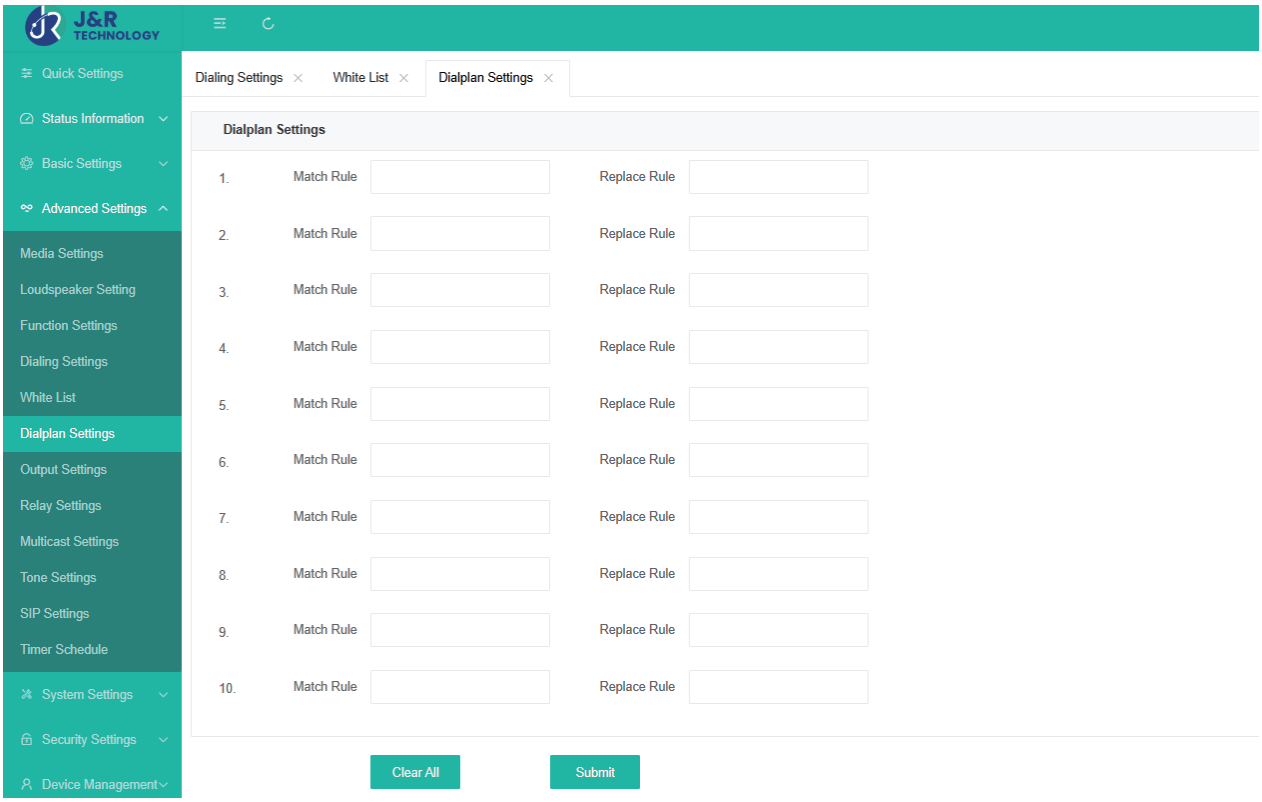


Dialing Rules

This page is the configuration page for dialing rules.

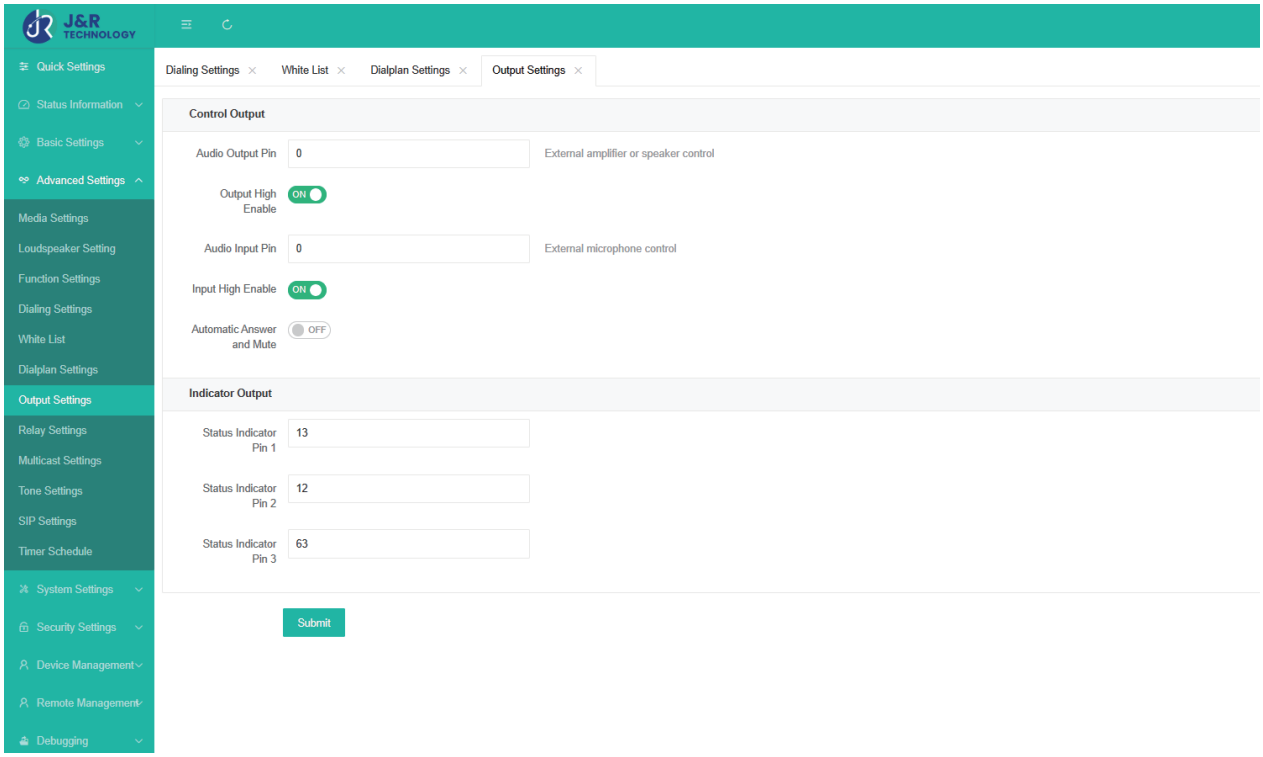
The "dialing rules" of an IP phone essentially refer to a set of rules through which the IP phone or its connected IP PBX (enterprise-level IP telephone switch) system automatically processes dialing behavior. This is done by judging the format, length, or prefix of the number entered by the user based on preset logic.

Its core purpose is to resolve the issue of "how to connect to the target using the simplest dialing method in different scenarios (such as internal extensions, local landlines, long-distance calls, international calls)". It eliminates the need for users to remember complex number formats while ensuring that call requests are correctly routed to carriers or internal networks.



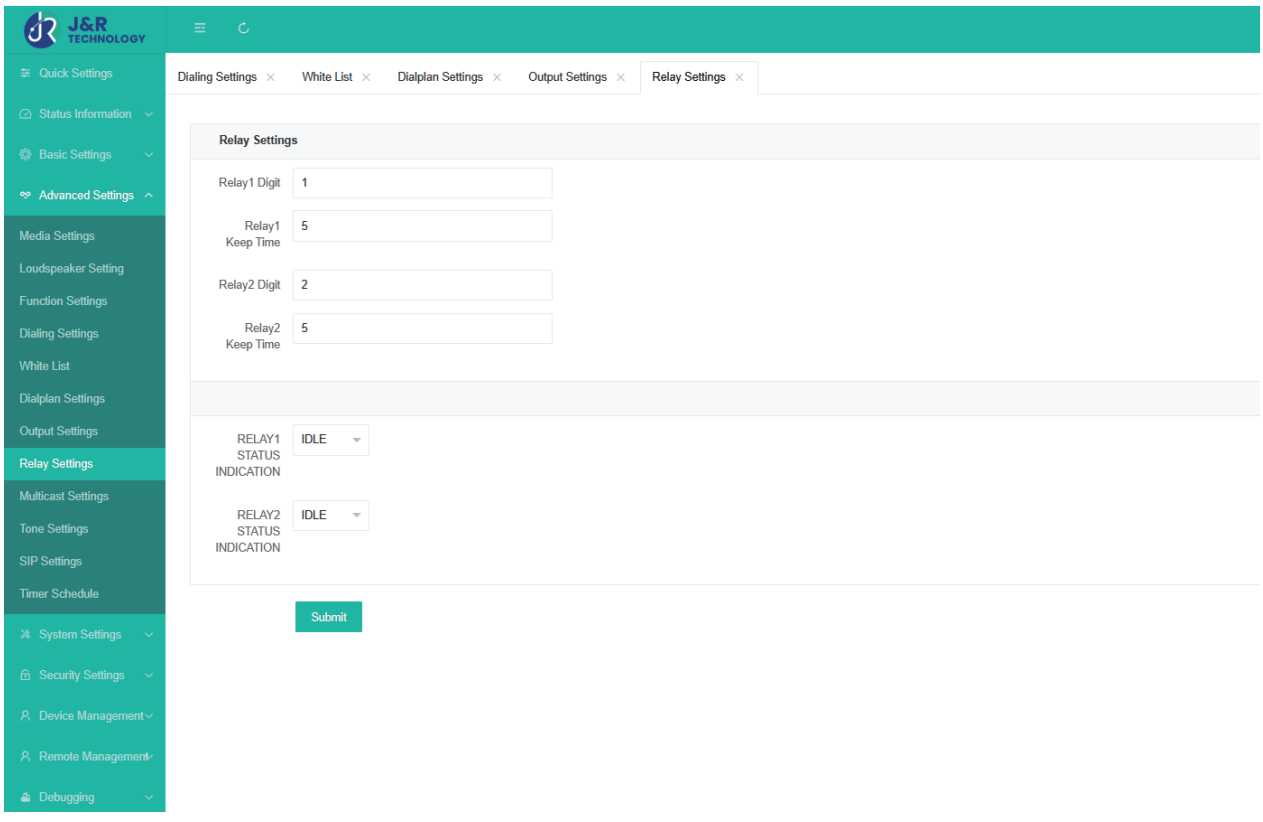
Output Settings

This page is used to configure LED lights and relay pins.



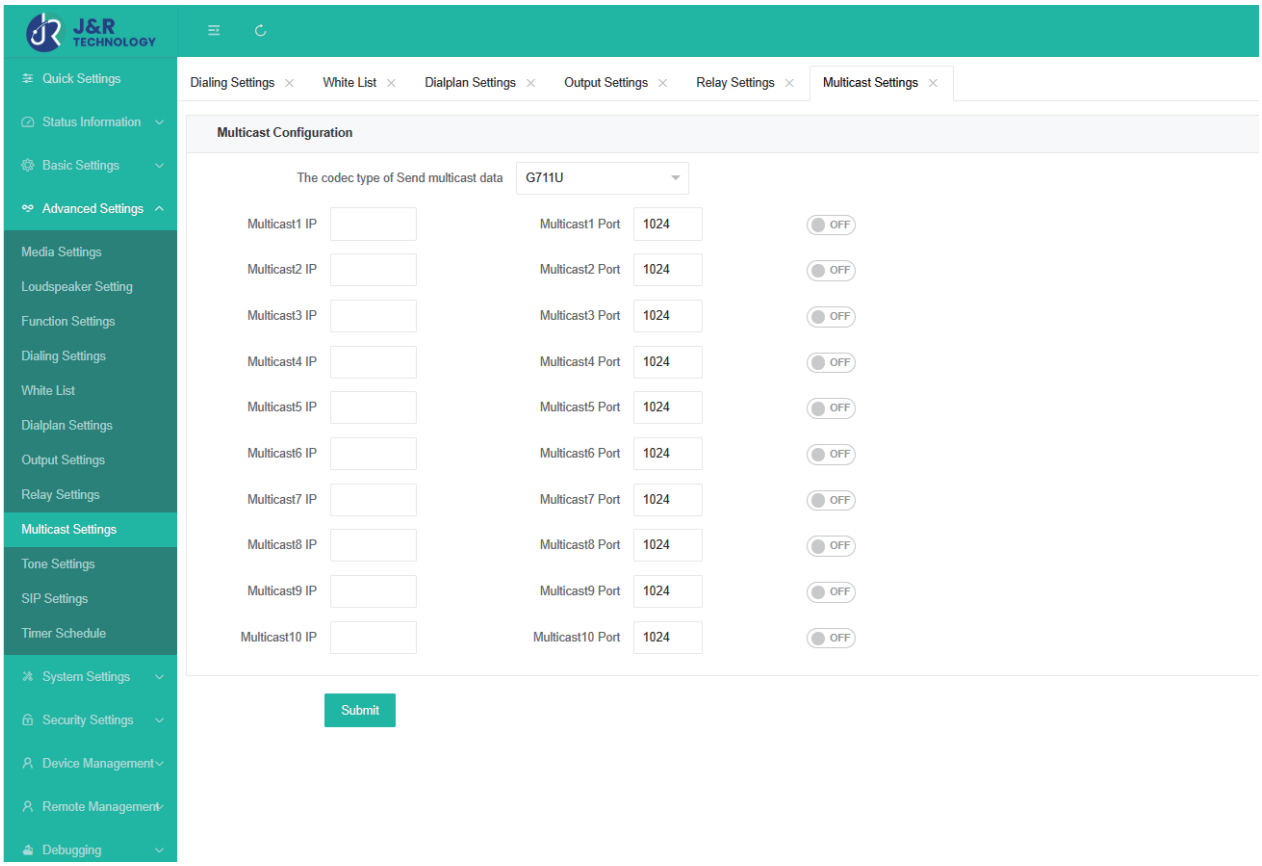
Relay Settings

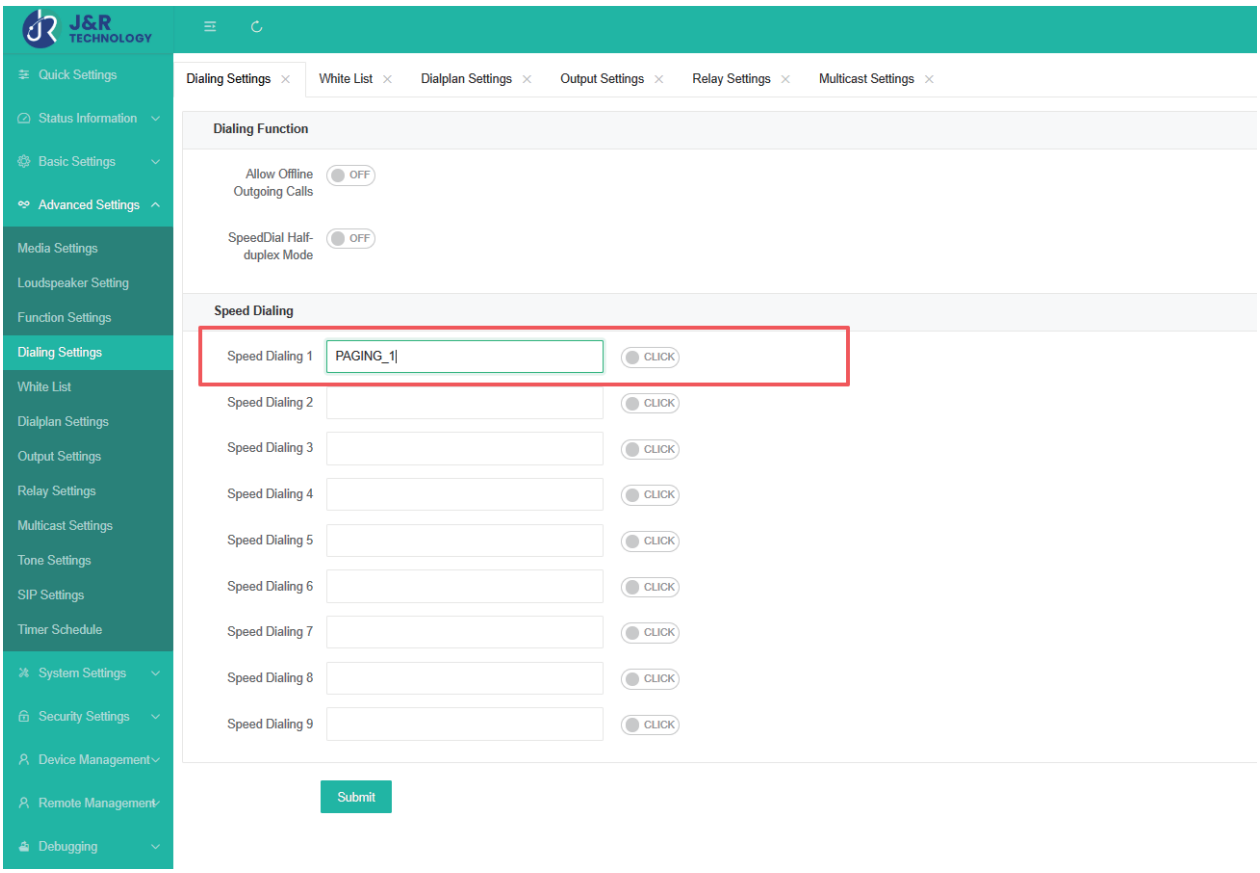
This page is used to configure the 2 groups of relays on the device, allowing you to set relay trigger buttons and timing as needed.



Multicast Settings

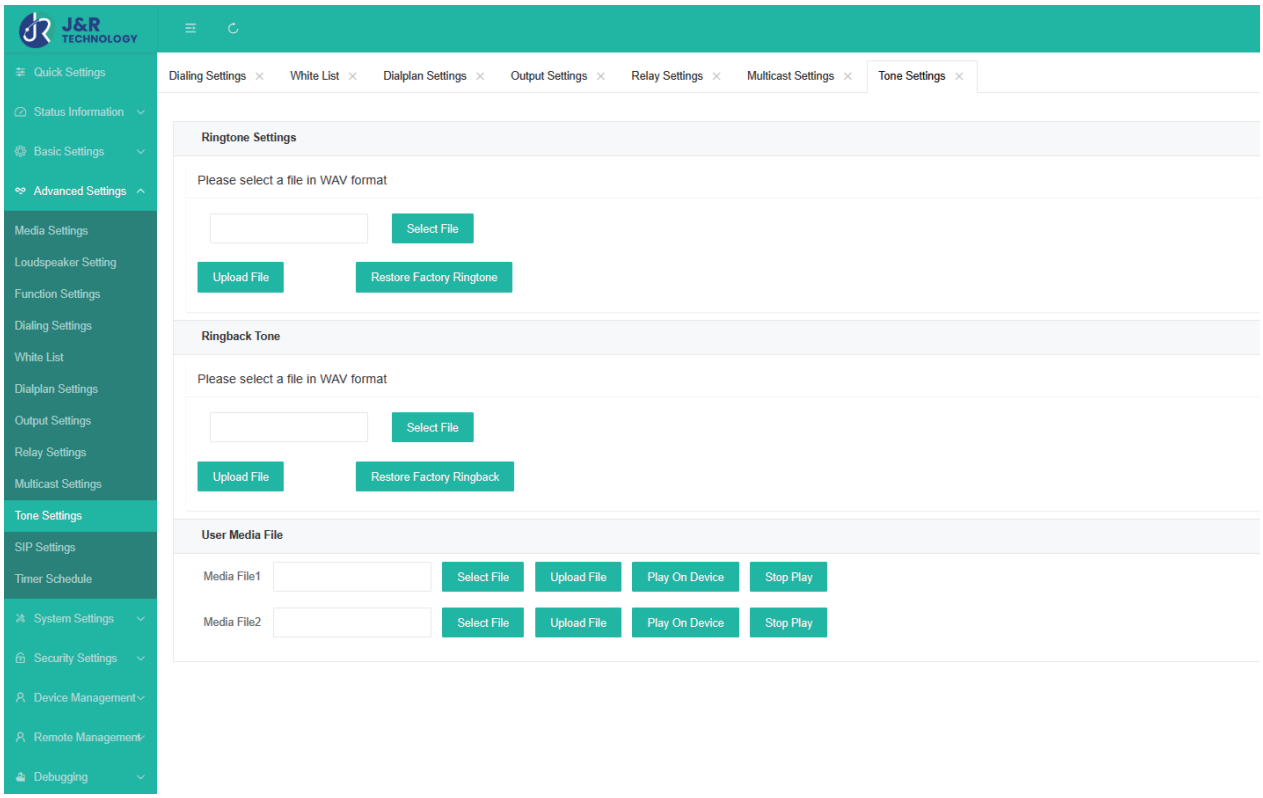
Configure the multicast paging function of the phone. To configure multicast, you need to set PAGING_1 in the corresponding configuration on the speed dial page, as shown in the figure below.





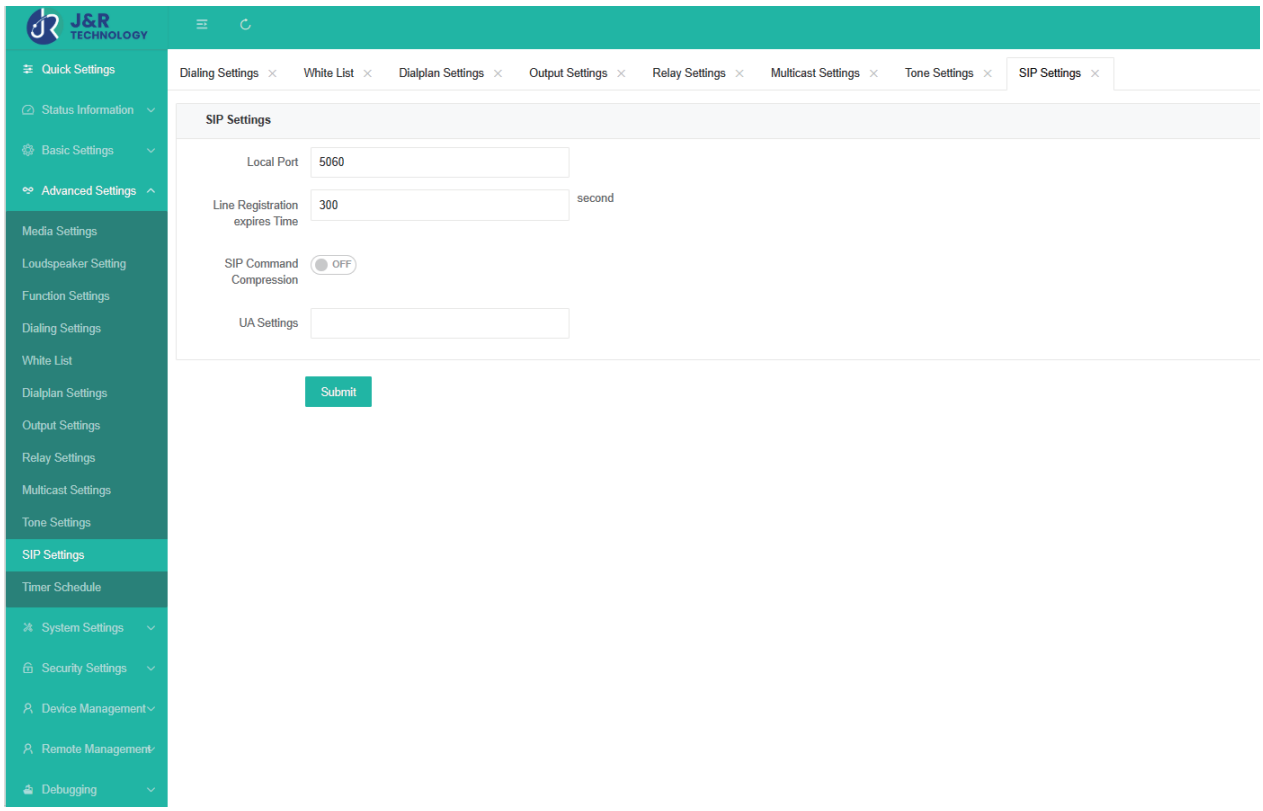
Tone Settings

Users can, as needed, modify custom ringtones and upload local ringtones.



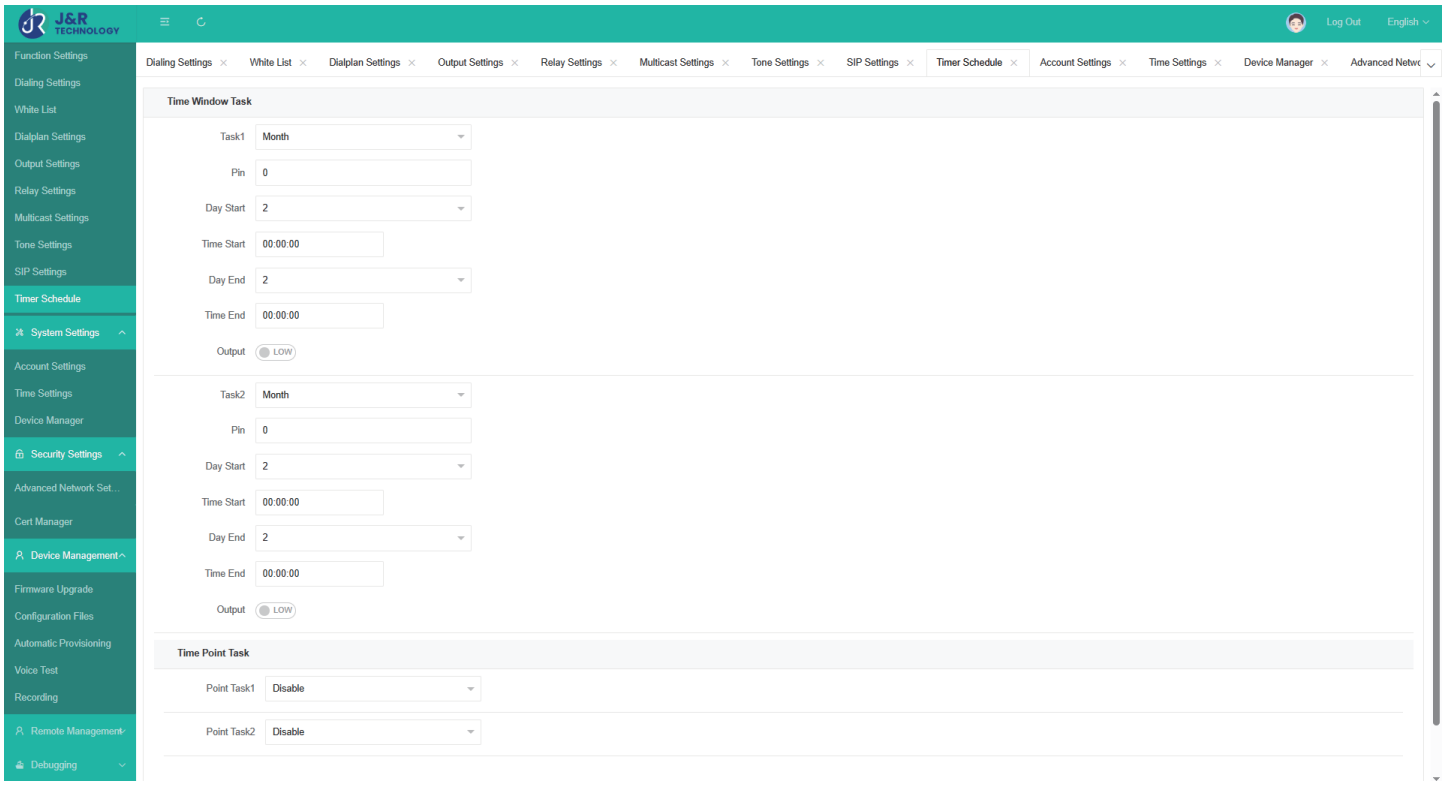
SIP Settings

This page is used to configure the local port and registration period of the phone.



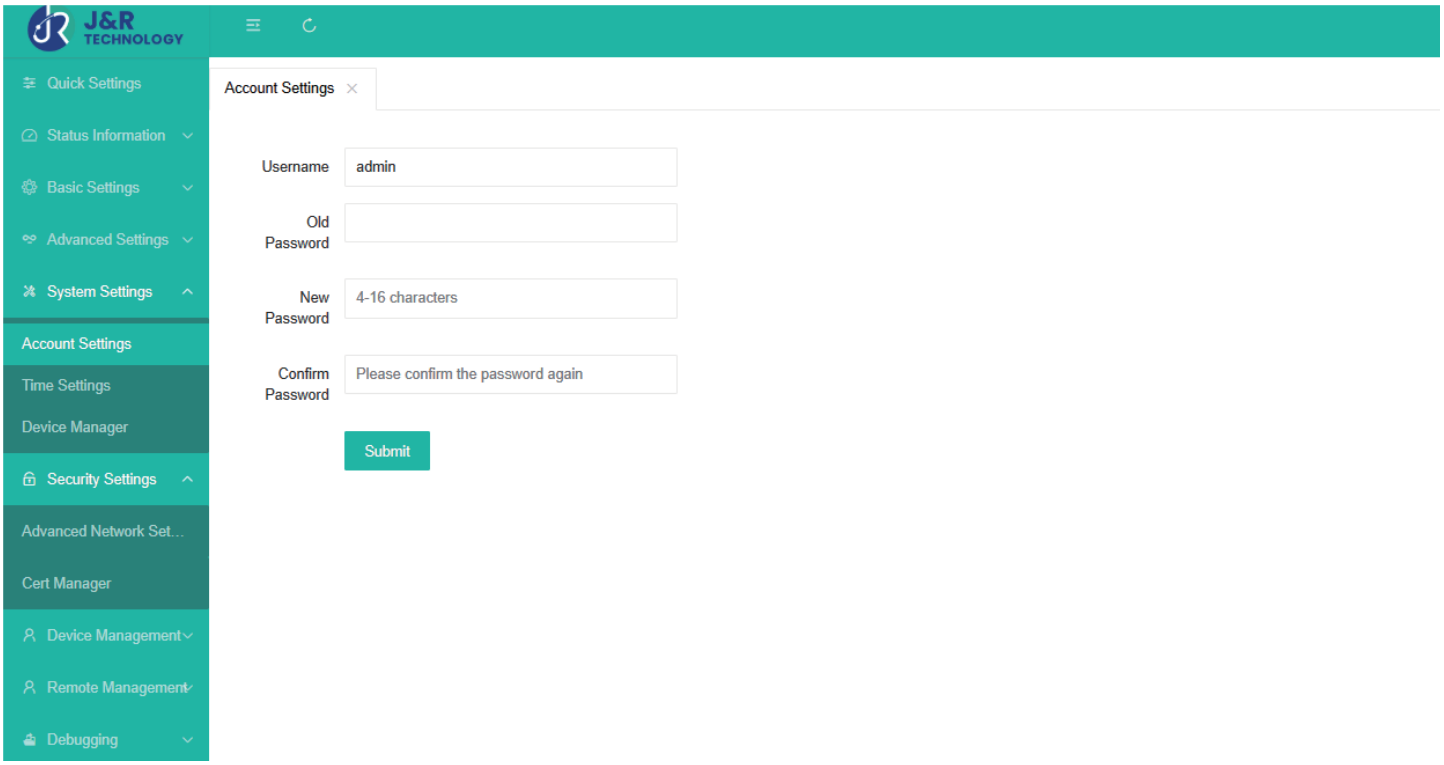
Task Scheduling

Users can set the task trigger time for the device within a specified time range and enable the ring alarm.



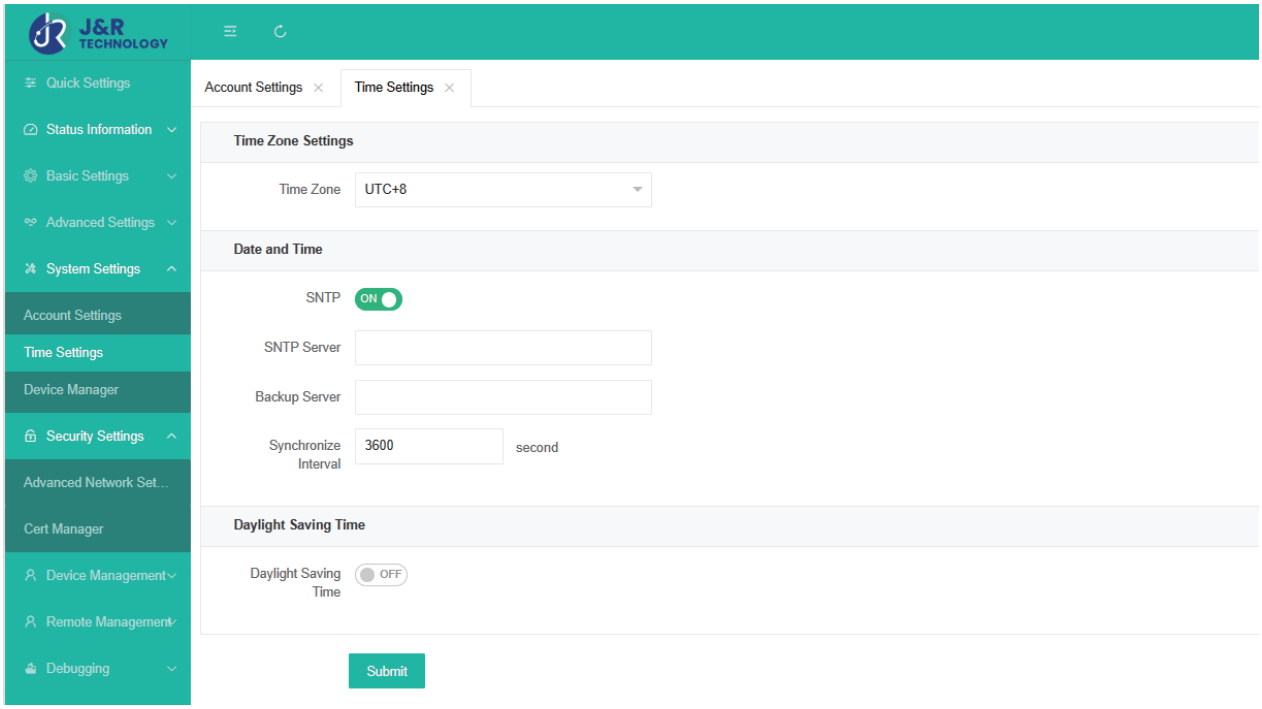
System Settings

Modify username and password.



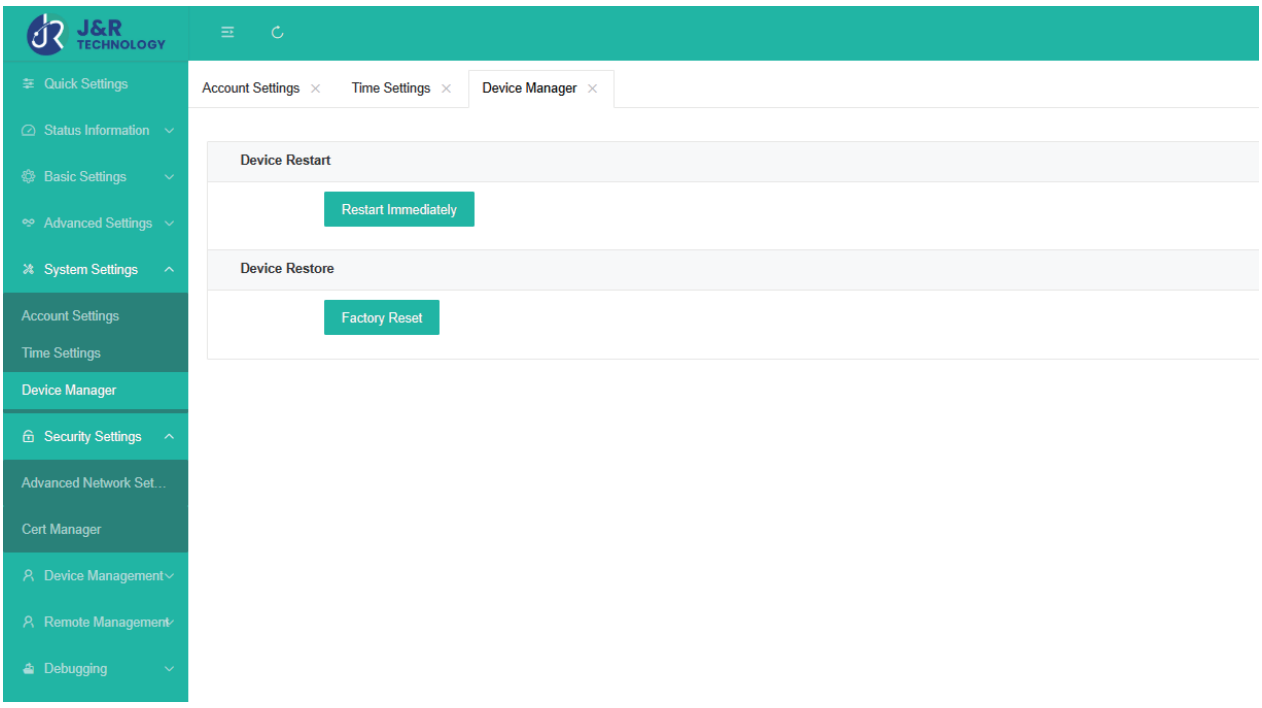
Time and Date, SNTP Server Configuration

This page is used to configure time, date, and SNTP server settings.



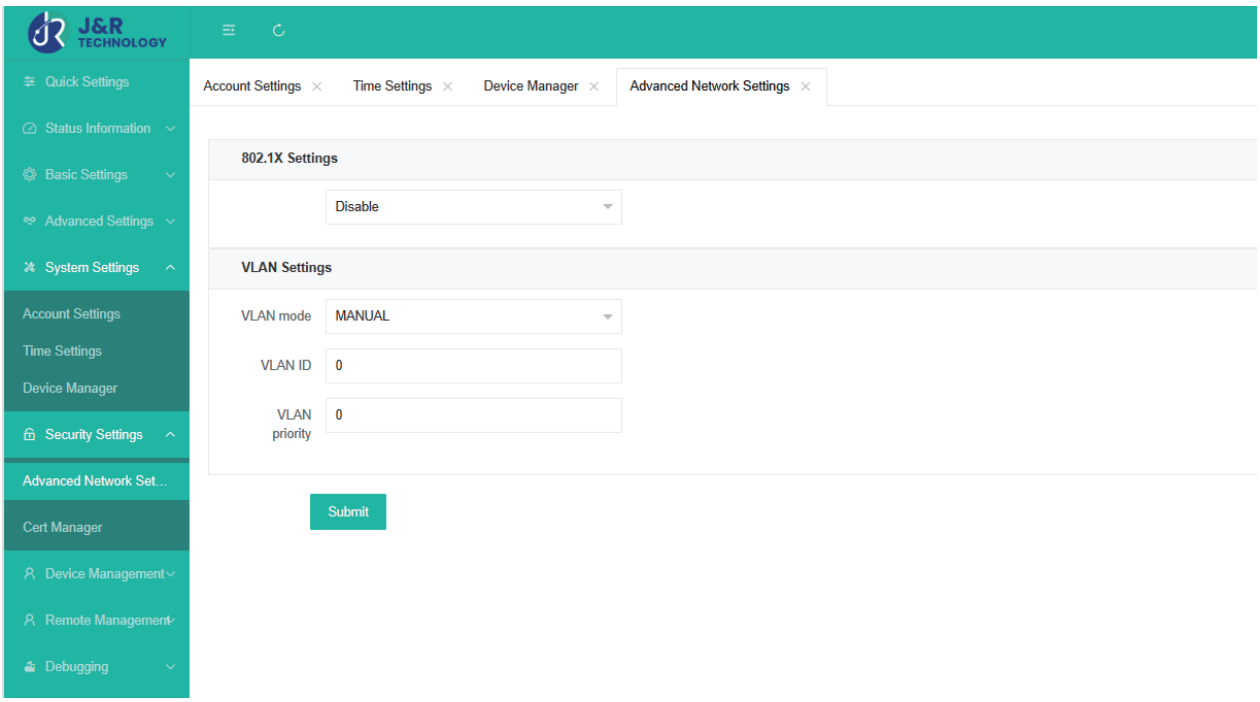
Factory Reset and Reboot Page

This page provides options for factory resetting the device and rebooting it.



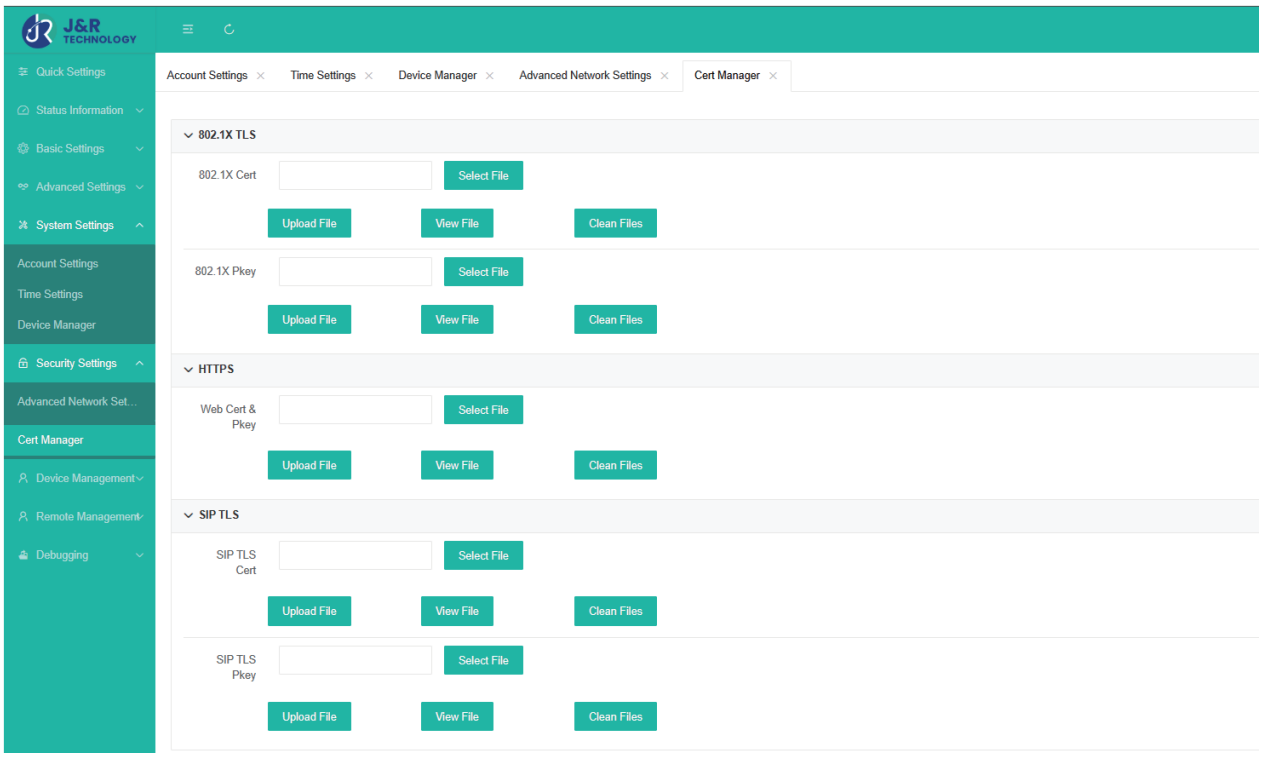
Advanced Network and VLAN Configuration Page

This page is used to configure advanced network parameters (such as static IP, subnet mask, gateway) and VLAN settings (such as VLAN ID, port-based VLAN assignment).



Certificate Upload and Management Page

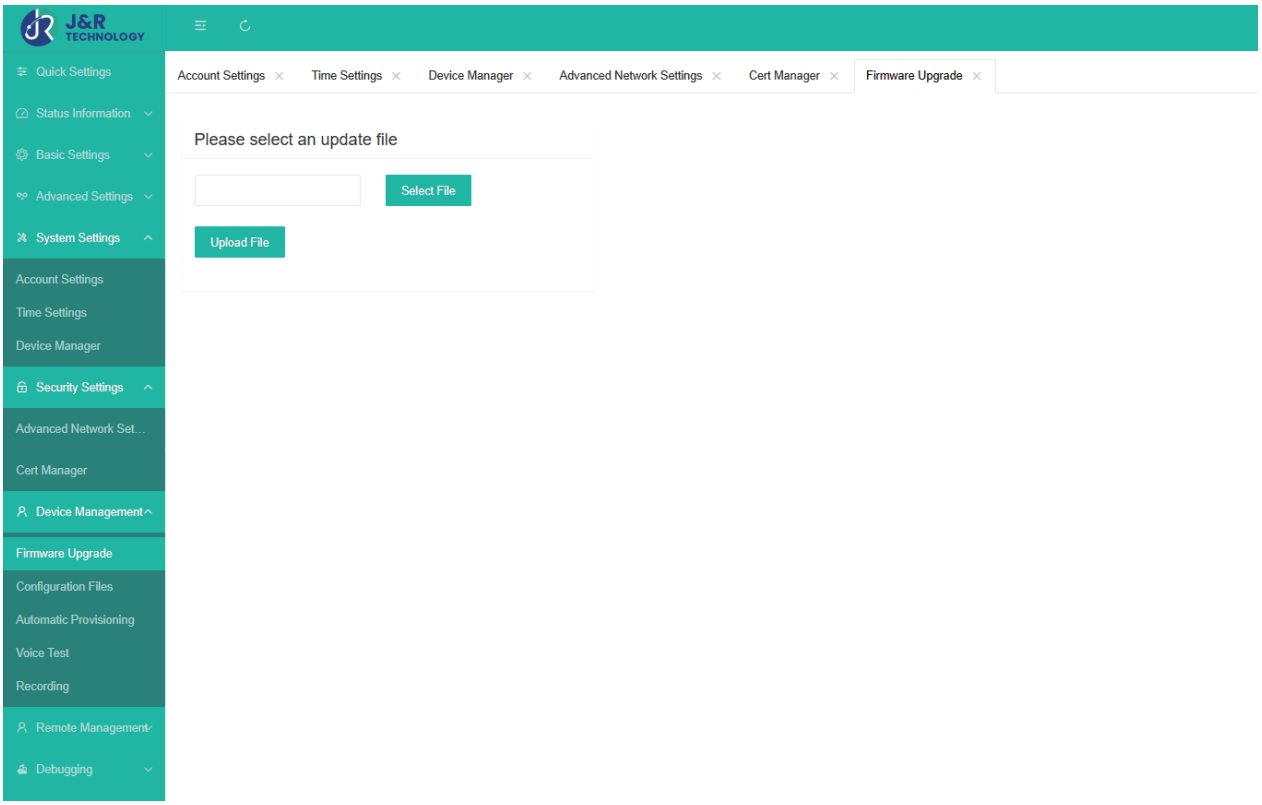
This page is used for certificate upload and management operations (such as uploading new certificates, viewing existing certificates, and deleting expired ones).



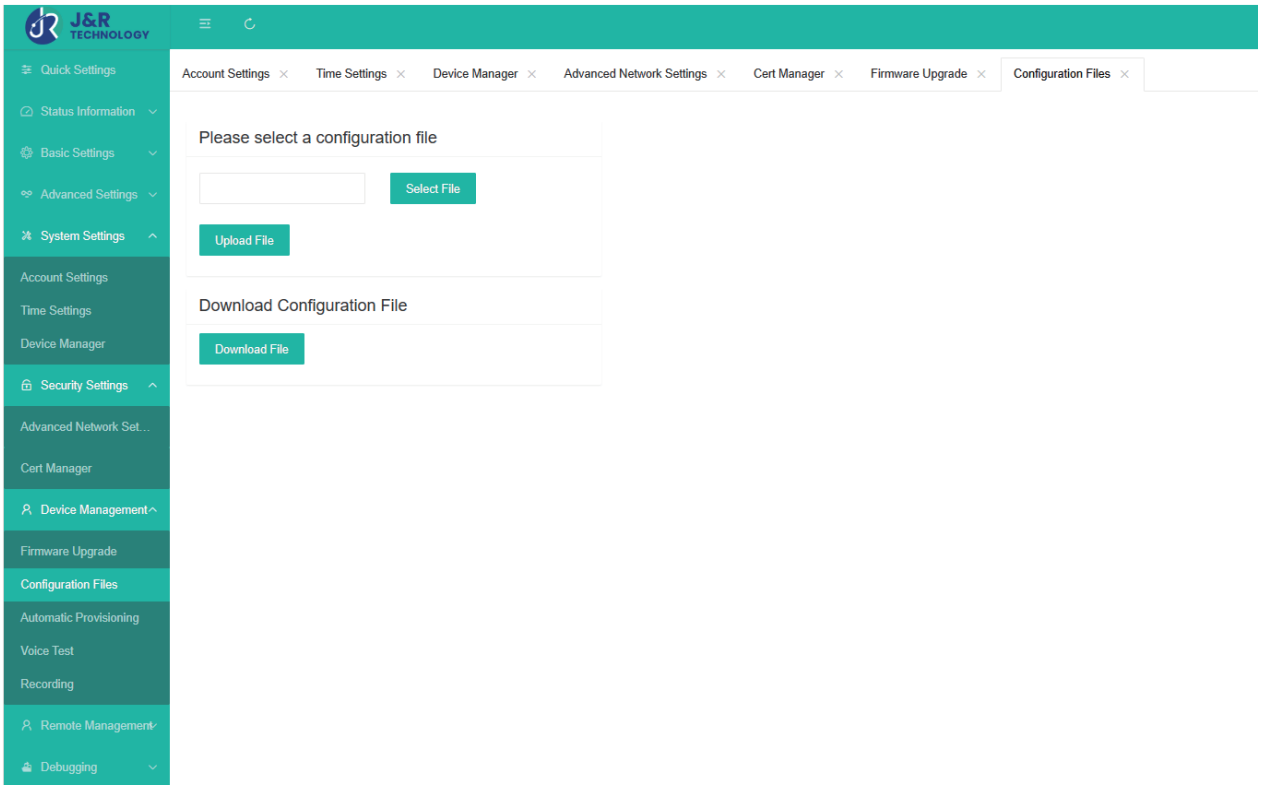
Device Management

Firmware Upgrade for the Device

This page is used to perform firmware upgrade for the device.



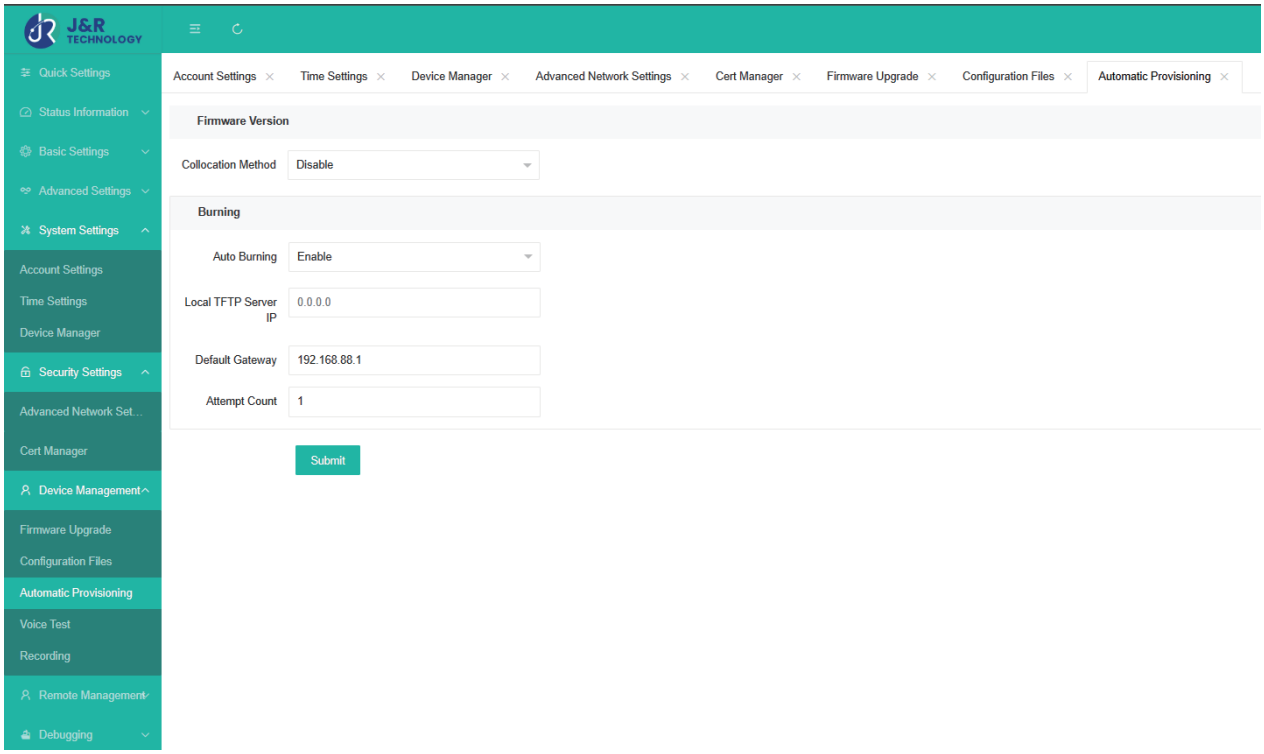
Upload Configuration File



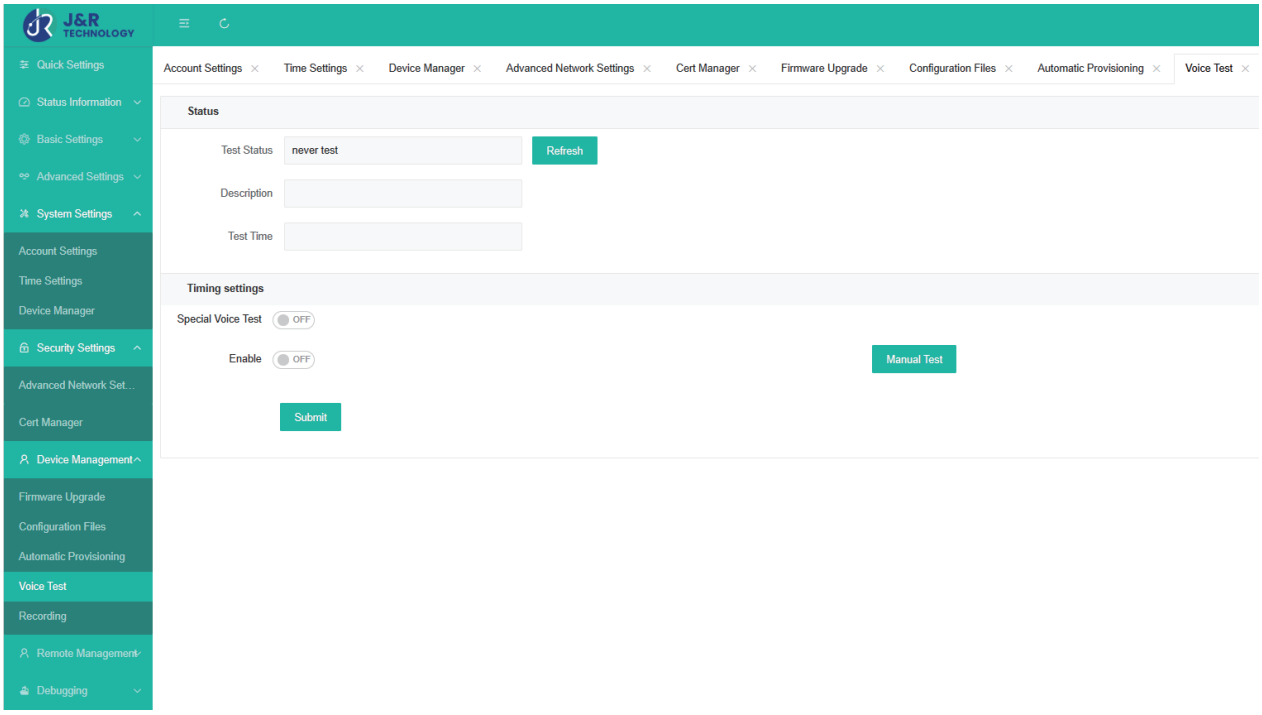
Auto Configuration

Flashing the Device

This operation involves flashing the device; please refer to the flashing steps for details.

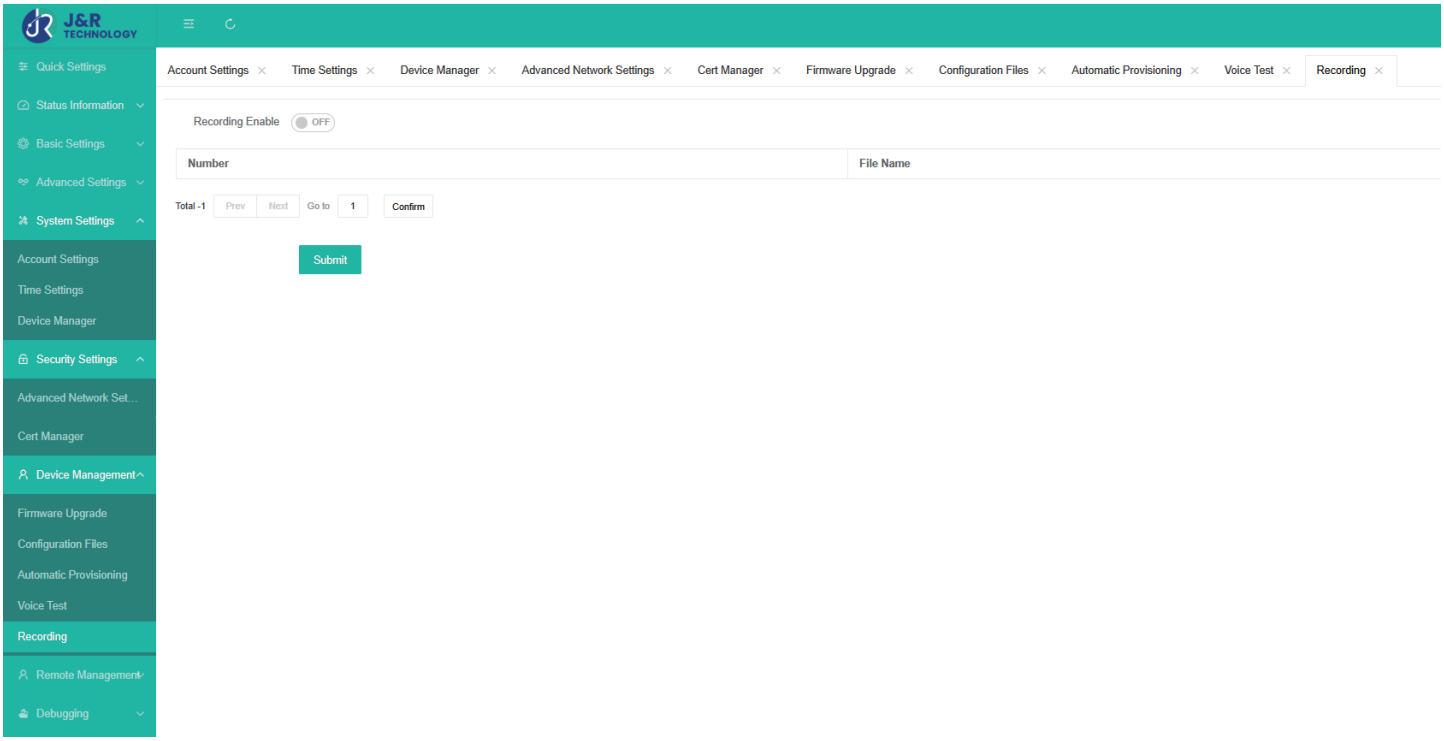


Device Self-Test Page



Recording Interface

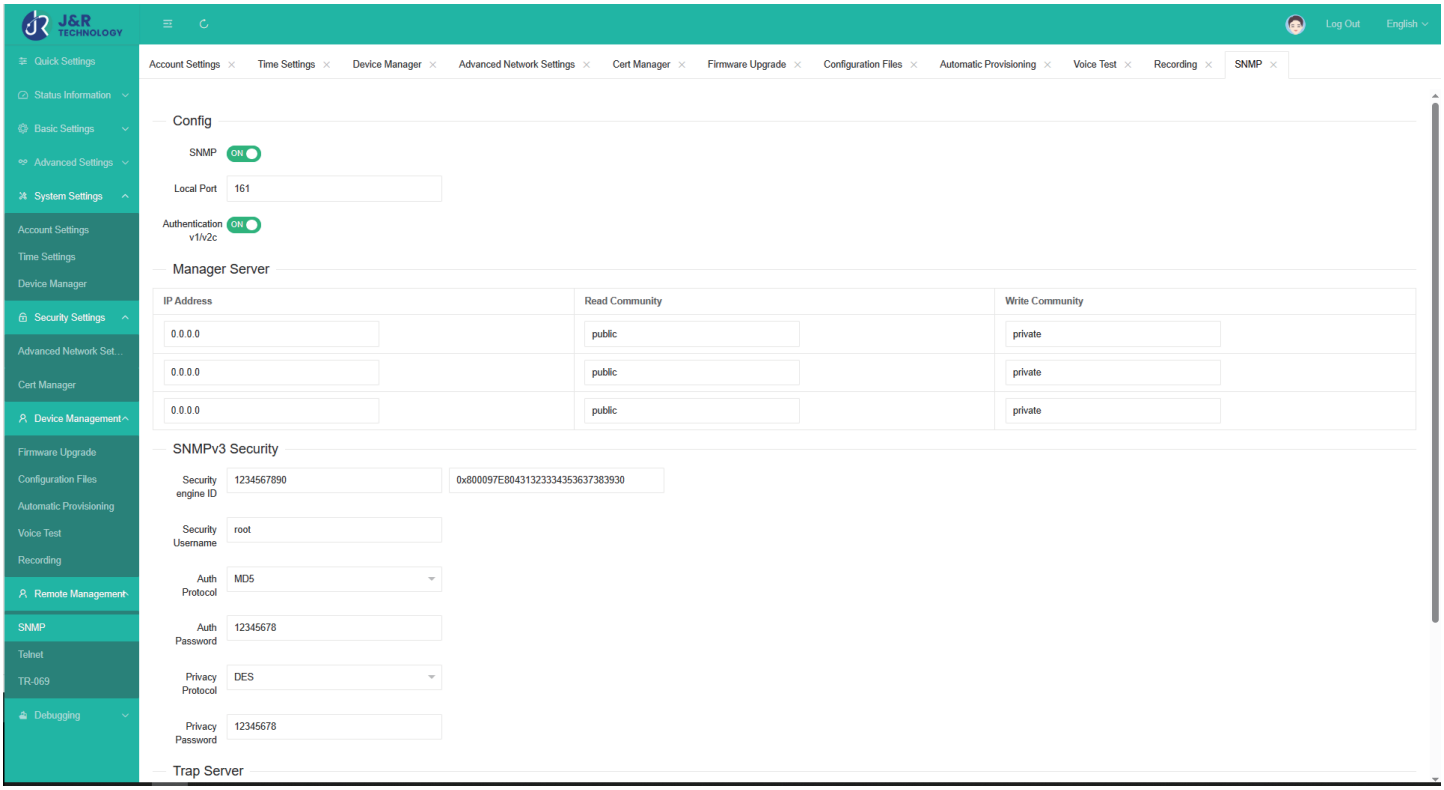
Call Recording Archive Directory.

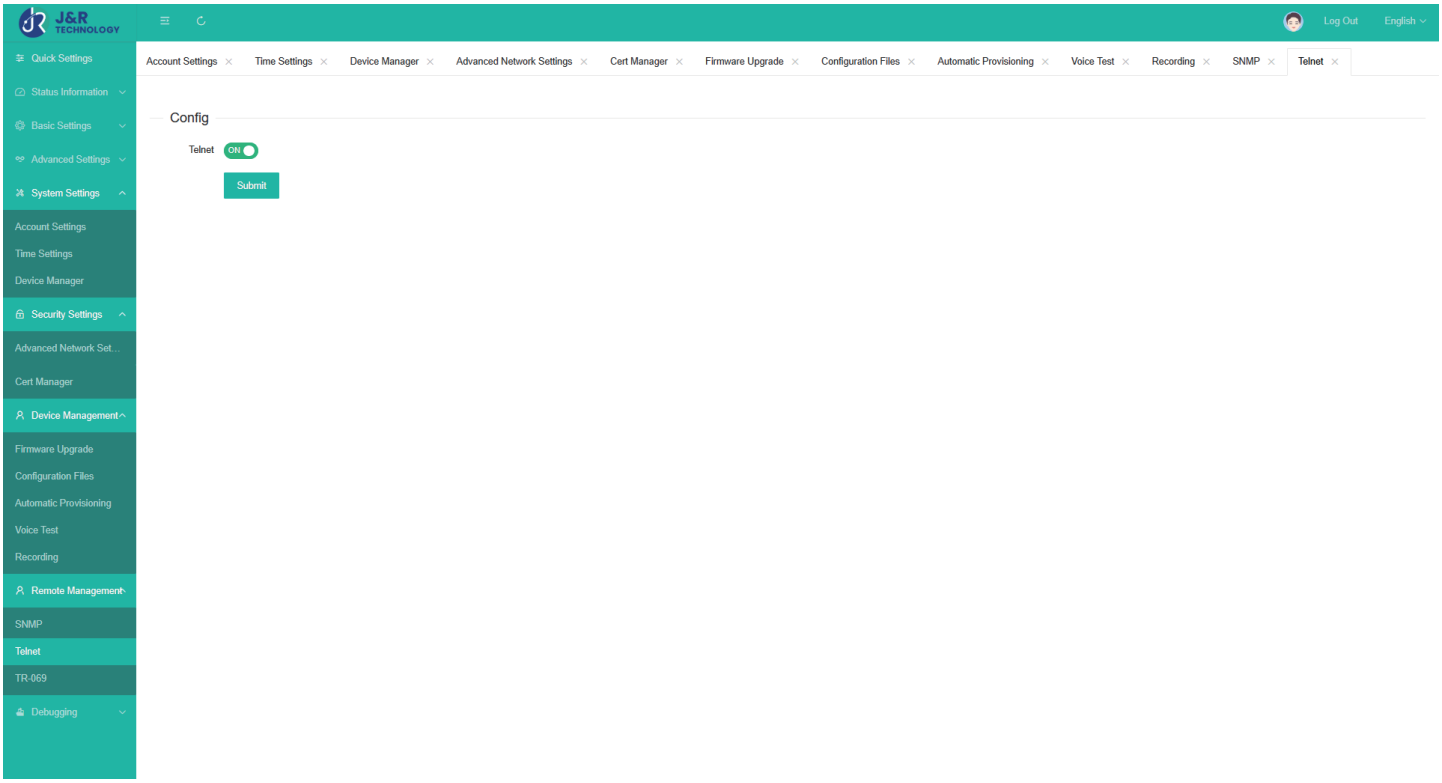


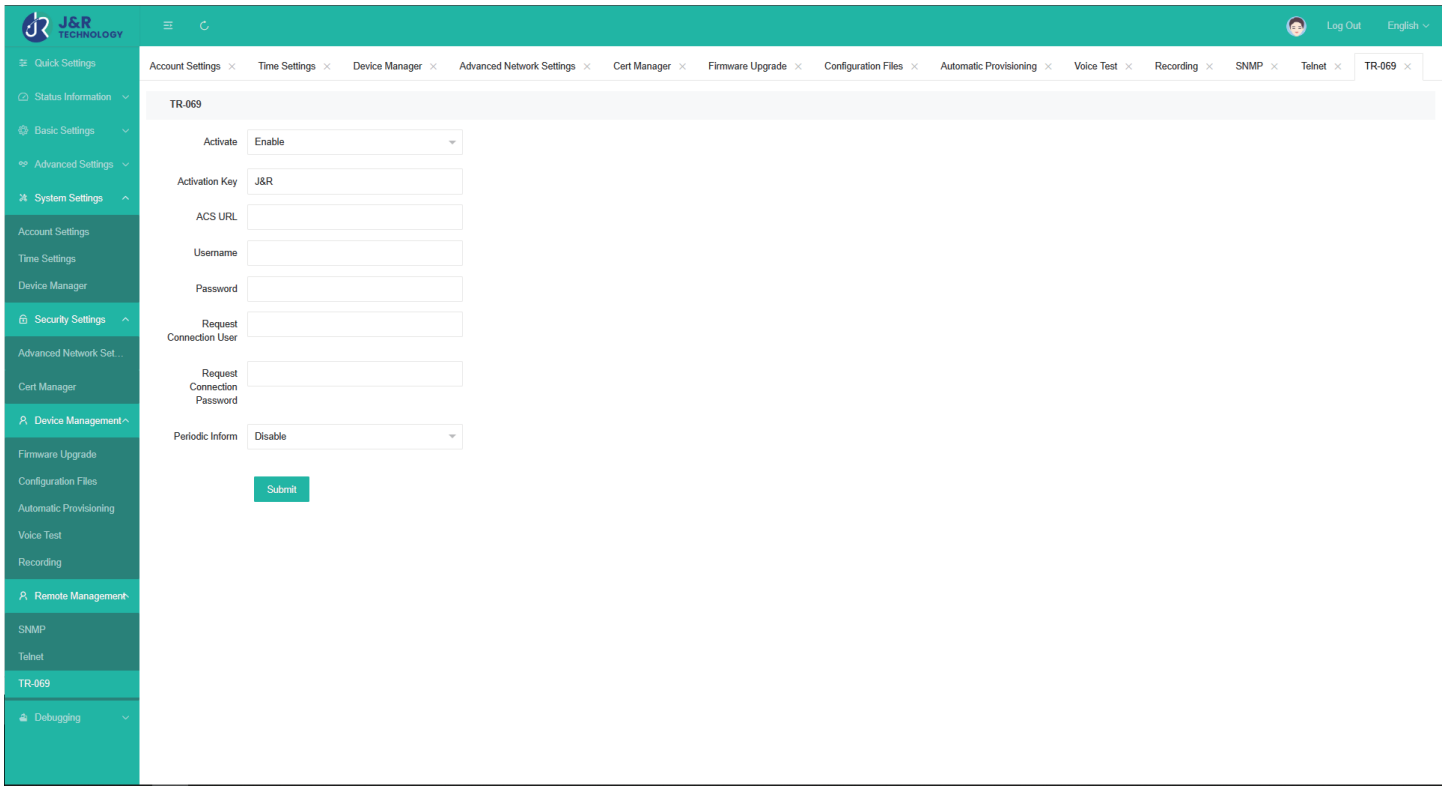
Remote Management

SNMP Configuration Page

Current Version: SNMPv1 This page is used to configure Simple Network Management Protocol (SNMP) settings for remote device management. SNMPv1 is the first version of the protocol, designed for basic network monitoring and management in low-security environments (e.g., closed enterprise LANs)

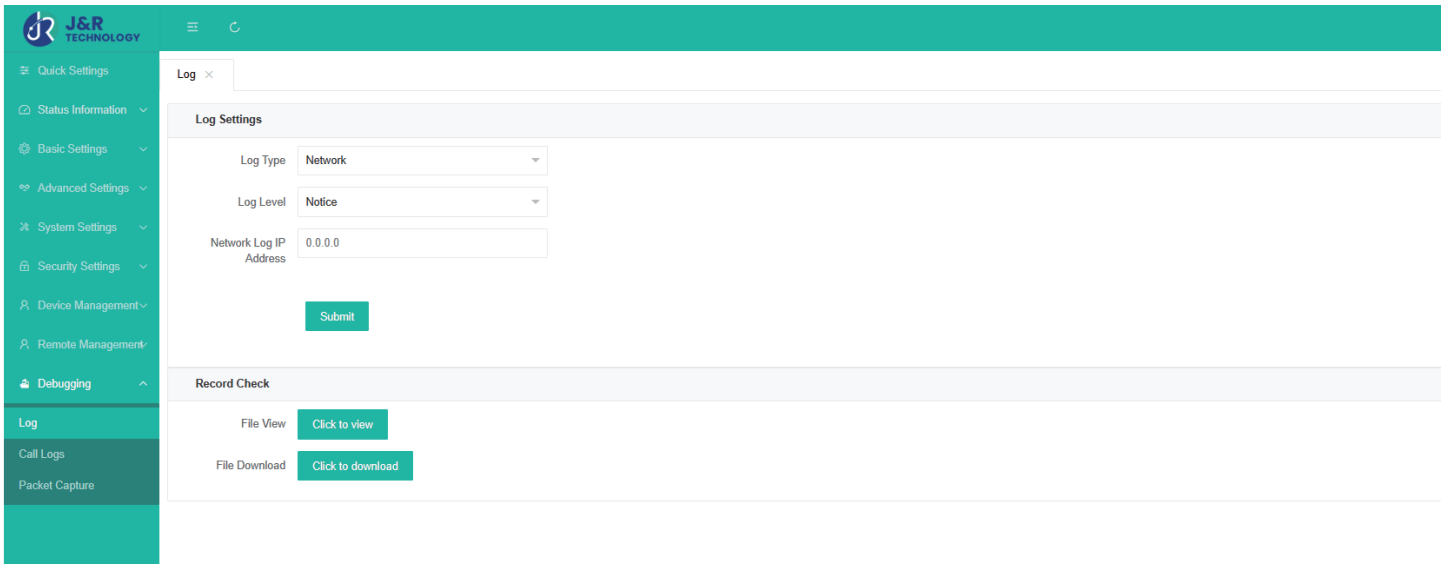



J&R TECHNOLOGY
Log Out
English
Quick Settings
Status Information
Basic Settings
Advanced Settings
System Settings
Account Settings
Time Settings
Device Manager
Security Settings
Advanced Network Set...
Cert Manager
Device Management
Firmware Upgrade
Configuration Files
Automatic Provisioning
Voice Test
Recording
Remote Management
SNMP
Telnet
TR-069
Debugging
Account Settings
Time Settings
Device Manager
Advanced Network Settings
Cert Manager
Firmware Upgrade
Configuration Files
Automatic Provisioning
Voice Test
Recording
SNMP
Telnet
Config
Telnet
ON
Submit


J&R TECHNOLOGY
Log Out
English
Quick Settings
Status Information
Basic Settings
Advanced Settings
System Settings
Account Settings
Time Settings
Device Manager
Security Settings
Advanced Network Set...
Cert Manager
Device Management
Firmware Upgrade
Configuration Files
Automatic Provisioning
Voice Test
Recording
Remote Management
SNMP
Telnet
TR-069
Debugging
Account Settings
Time Settings
Device Manager
Advanced Network Settings
Cert Manager
Firmware Upgrade
Configuration Files
Automatic Provisioning
Voice Test
Recording
SNMP
Telnet
TR-069
TR-069
Activate
Enable
Activation Key
J&R
ACS URL
Username
Password
Request Connection User
Request Connection Password
Periodic Inform
Disable
Submit

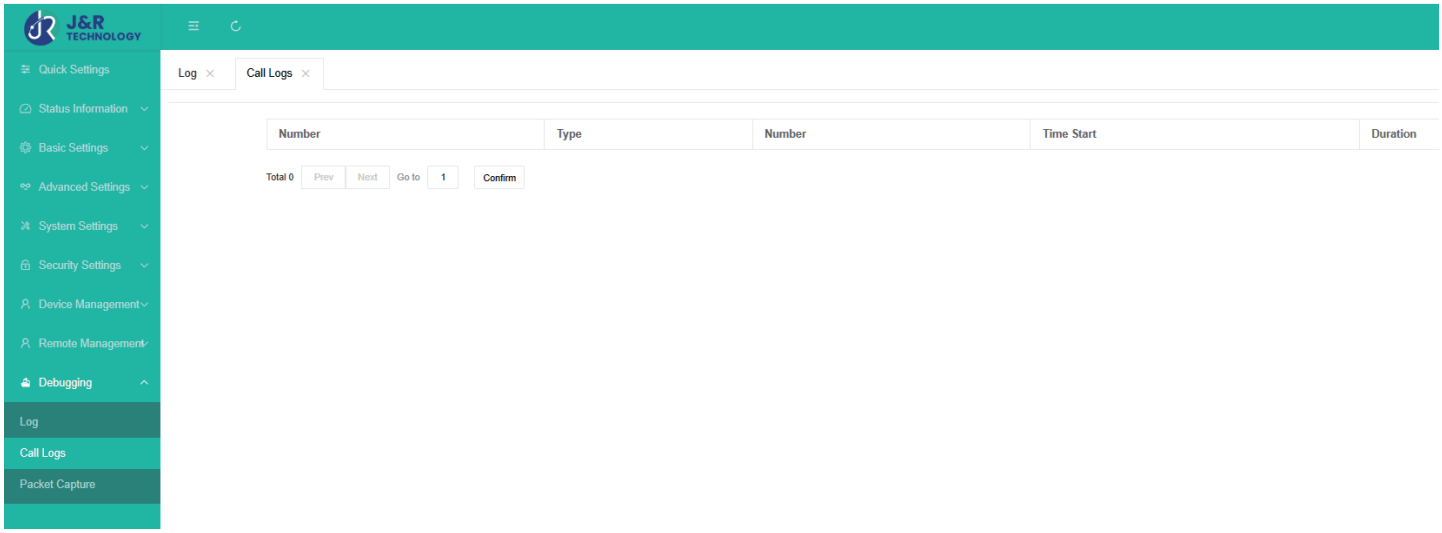
Debug Interface

Current Function: Runtime Log Management for the Device Operations: View and Download.



Call Logs Management Page

This page is used to manage the call logs of the device, including viewing, filtering, deleting, and exporting call records.

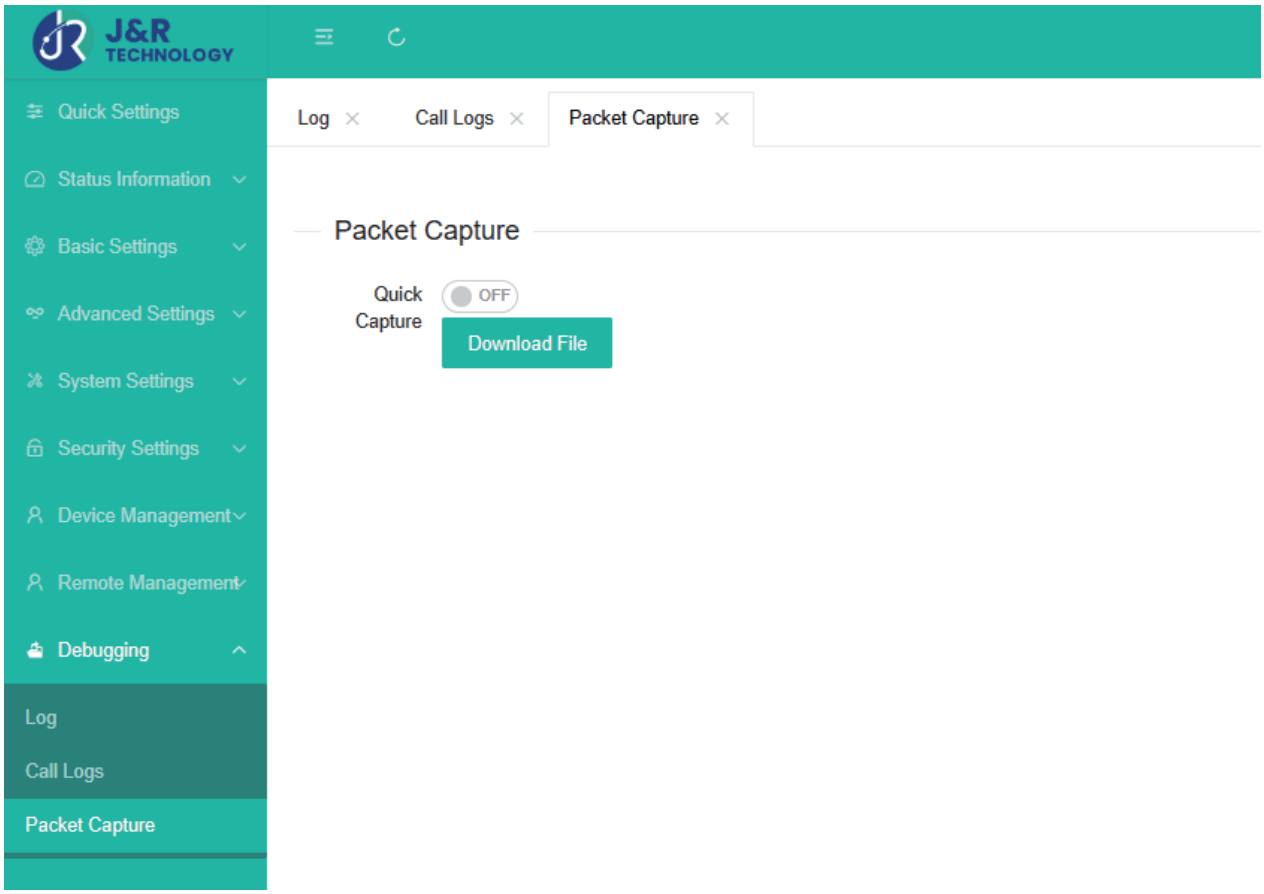


Packet Capture and Download Page

To perform a packet capture:

1.Click Open to start capturing network traffic. The captured data will automatically download in PCAP format.

2.Once the capture is complete, click Close to stop the process and finalize the download.



4. SIP Phone Specifications

SIP Specifications	
Support PoE power supply	IEEE802.3af, IEEE802.3at
Power Adapter	Input: 100-240VAC 50～60Hz; Output: 12V/2A
Power	Idle 2W / Working 2.8W
SIP protocol	SIP 2.0 (RFC3261)
Port:	WAN: 10/100Base- T RJ45 for LAN, Auto MDIX
Voice coders	G.711A/u, G72E high/low, G.729, G.722