

How to configure the CPE for voice

Login to the device

- Open browser and type 192.168.1.1
- Below screen will appear



- Type your username and password on the GUI
- Below screen will appear

Liquid Telecom Offices

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Home : Internet : LAN : Wi-Fi : Security : Services : VoIP : **System**

Smart Device Simple World LTE Broadband Center

Maintenance
Change Password
Date & Time
Diagnosis
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System Notification
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Change Password

It is recommended that you change the password the first time you log in to the system.

Note: Remember your new password. If you forget it, press the Reset button on the router to restore it to its factory settings.

Your password has not been changed. To protect your account, please change the default password as soon as possible. Click [here](#) if you no longer wish to receive these reminders.

The new password must consist of the following combination of at least 2 types of characters: uppercase letters, lowercase letters, numerals, special characters(' ~!@#\$%^&*()_-=+[]{};:~'"<.>/?').

Change Password

User name: admin

Current password: *

New password: * (8-15 ASCII characters)

VoIP configuration template

- Click VoIP
- Below screen will appear

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Smart Device Simple World LTE Broadband Center

VoIP Information
SIP Server
SIP Account
Speed Dial
Advanced SIP
Advanced Voice
Advanced Codec

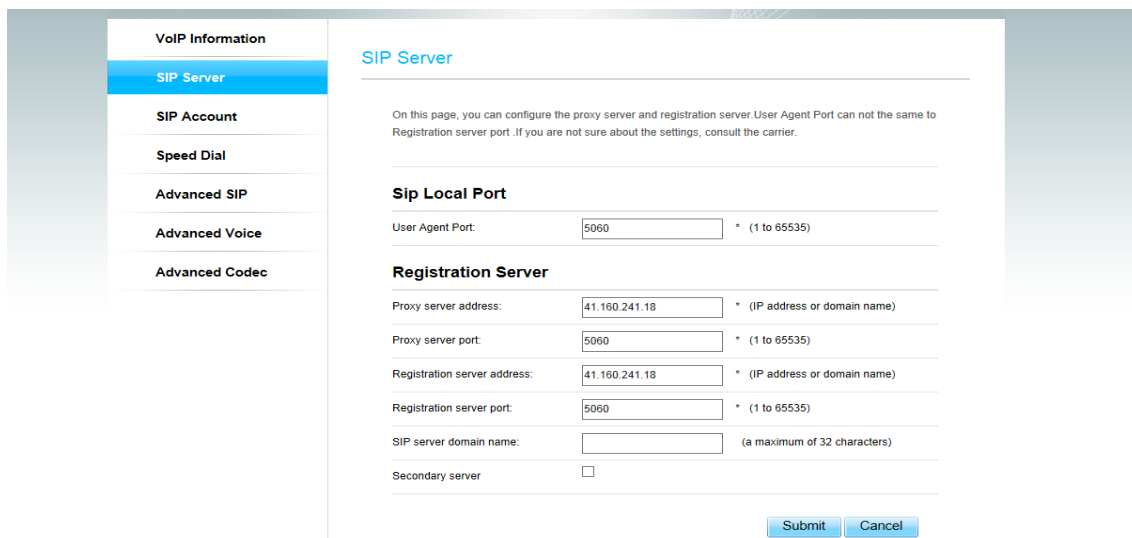
VoIP Information

This page displays the SIP Account and Registration Status

VoIP Information

SIP Account	Registration Status
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- Then click SIP Server
- Below screen will appear



VoIP Information

- SIP Server**
- SIP Account
- Speed Dial
- Advanced SIP
- Advanced Voice
- Advanced Codec

SIP Server

On this page, you can configure the proxy server and registration server. User Agent Port can not be the same as Registration server port. If you are not sure about the settings, consult the carrier.

Sip Local Port

User Agent Port: * (1 to 65535)

Registration Server

Proxy server address: * (IP address or domain name)

Proxy server port: * (1 to 65535)

Registration server address: * (IP address or domain name)

Registration server port: * (1 to 65535)

SIP server domain name: (a maximum of 32 characters)

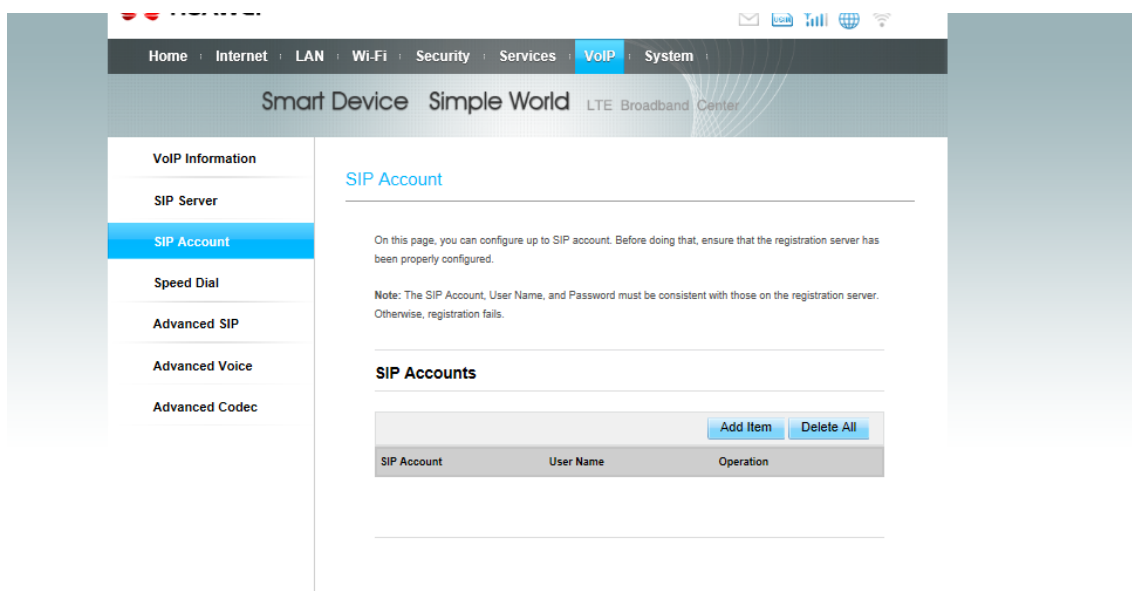
Secondary server ☐

[Submit](#) [Cancel](#)

- Populate below information
- Click Submit

Configuring SIP Account

- Click VoIP
- Click SIP Account
- Below screen will appear



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Smart Device Simple World LTE Broadband Center

VoIP Information

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SIP Account

On this page, you can configure up to SIP account. Before doing that, ensure that the registration server has been properly configured.

Note: The SIP Account, User Name, and Password must be consistent with those on the registration server. Otherwise, registration fails.

SIP Accounts

[Add Item](#) [Delete All](#)

SIP Account	User Name	Operation

- Click Add Item
- Below screen will appear

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SIP Account

On this page, you can configure up to SIP account. Before doing that, ensure that the registration server has been properly configured.

Note: The SIP Account, User Name, and Password must be consistent with those on the registration server. Otherwise, registration fails.

SIP Accounts

Add Item
Delete All

SIP Account	User Name	Operation
****	****	****

Settings

SIP Account: * (a maximum of 31 digits or characters)

User Name: * (a maximum of 127 characters)

Password: * (a maximum of 127 characters)

Submit
Cancel

- Populate information using SIP account details on the letter
- SIP Account as it appears on the letter
- Username as it appears on the letter
- Password as it appears on the letter

Advance Voice Setting

- Click VoIP
- Click Advance Voice Setting
- Populate as per below

Advanced SIP

Advanced Voice

Advanced Codec

Advanced Voice Settings

DTMF mode:	RFC2833	▼
Fax Option	T38	▼
Country/Region:	Germany	▼
Outgoing List	SIP	▼ * (Primary outgoing)
RTP start port:	50000	* (select an even number between 50000 and 65514)
Inter-digit timeout duration (milliseconds):	5000	* (3000-20000)
Duration for off-hook no dialing (milliseconds):	10000	* (10000-20000)
Ringing duration for no reply (milliseconds):	60000	* (40000-80000)
Busy tone duration (milliseconds):	40000	* (40000-60000)
Howler tone duration (milliseconds):	60000	* (40000-60000)
# acceleration:	<input checked="" type="checkbox"/>	Enable
CLIP:	<input checked="" type="checkbox"/>	Enable

- Click Submit

Advanced Codec Settings

- Click VoIP
- Click Advanced VoIP Setting
- Populate as per below

- SIP Server
- SIP Account
- Speed Dial
- Advanced SIP
- Advanced Voice
- Advanced Codec**

Advanced Codec Settings

On this page, you can change the advanced codec settings. The calling party attempts to negotiate a codec type with the called party, starting from the primary codec type. If negotiation fails for one codec type, the calling party moves on to the next. The negotiated codec type will be used for the call. If negotiation fails for all codec types, the call cannot be set up.

Note: Before changing a codec type, ensure that you have selected a correct telephone account. The six codec types must be different.

Advanced Codec Settings

Primary codec type:	G.729	<input type="checkbox"/> Show Attribute
Secondary codec type:	G.711-PCMU	<input type="checkbox"/> Show Attribute
Third codec type:	G.726-32	<input type="checkbox"/> Show Attribute
Fourth codec type:	G.726-24	<input type="checkbox"/> Show Attribute
Fifth codec type:	G.711-PCMA	<input type="checkbox"/> Show Attribute
Sixth codec type:	G.722	<input type="checkbox"/> Show Attribute

Submit Cancel

- Click Submit

Confirmation of correct configuration

- Click VoIP
- Below screen will appear
- The screen will show SIP account number as per your letter
- Plug the analogue phone cable on TE1 slot as below
- Registration if voice service successfully registered by clicking VoIP



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VoIP Information

[SIP Server](#)
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VoIP Information

This page displays the SIP Account and Registration Status

VoIP Information	
SIP Account	Registration Status
0110114771	Up