Release Note

Software Version：2.12.23.5

Models：X301/X301P/X301G

Date：2025.11.18

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1 Revise History

No.	Version	Release Time
1	2.12.4.1	2023.1.4
2	2.12.4.2	2023.3.17
3	2.12.4.5	2023.6.29
4	2.12.5.11	2023.8.17
5	2.12.17.8	2024.4.12
6	2.12.20.2	2024.10.23
7	2.12.22.2	2025.4.24
8	2.12.23.5	2025.11.18

2 Release 2.12.23.5

Models	Software Version	Comment
X301/X301P/X301G	2.12.23.5	

2.1 New Features

1. Supports two-factor authentication for OpenVPN.

2.2 Bug Fix

1. Fixed an issue where the server call would malfunction due to the called party's phone sending RTP prematurely.
2. Fixed a delay in the mute function taking effect.
3. Fixed issues related to the LDAP phonebook.
4. Fixed an issue where XML phonebooks containing the & symbol caused the web page to display an incomplete list of contacts.
5. Fixed issues related to the Huawei phonebook.

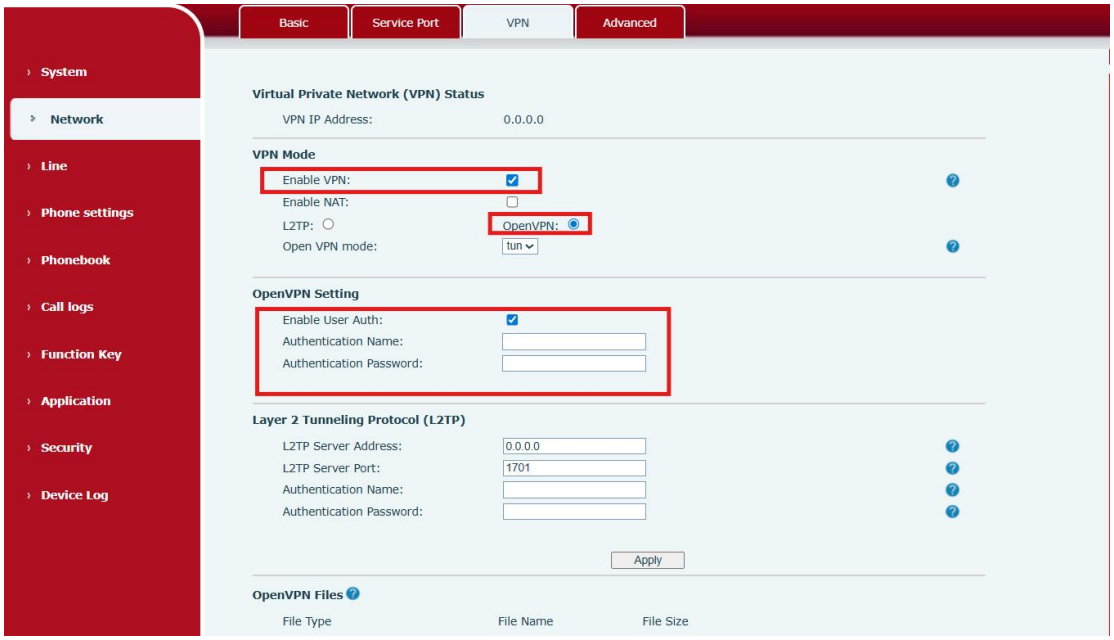
2.3 New Features Description

1. Supports two-factor authentication for OpenVPN

Feature Description: When the phone supports OpenVPN connections, two-factor authentication is enabled, requiring both a username and password as well as the upload of a VPN certificate file to enhance the security of the VPN connection.

Implementation Details:

On the [Web] >> [Network] >> [VPN] page:



(1) Check the “Enable VPN” box and select “OpenVPN” mode.

(2) Check “Enable User Auth” under “OpenVPN Settings”; the page will then display ‘Username’ and “Password” fields.

(3) Enter your username and password.

(4) Select and upload the VPN certificate file in the OpenVPN file upload area.

(5) After a short wait, the “VPN IP Address” field at the top will display the assigned IP address.

3 Release 2.12.22.2

Models	Software Version	Comment
X301/X301P/X301G/X303(P)/X303G	2.12.22.2	

3.1 New Features

1. Supports the option to import local contact.
2. Supports scrolling display of button information.
3. Compatible with HT301/HT302 headsets
4. Compatible with Jabra Engage 65 EHS headset

3.2 Improvement

1. Optimize the 12-hour time display effect on the phone.
2. Optimize Portuguese translation.
3. Optimize Russian translation for the phone's shortcut key module.
4. Optimize door opening via the action url key.
5. Optimize the time format of call records in French.
6. Optimize the input length limit for the XML phonebook URL.
7. Optimize the display effect of uncommon character names in contacts.
8. Optimize the character library capacity of the Chinese input method on the phone.

3.3 Bug Fix

1. Fix the issue of being unable to select and dial a contact using the directional keys.
2. Fix issues related to local contacts.
3. Fix the missing problem of the "visual park" feature.

3.4 New Features Description

1. Supports the option to import local contacts.

Feature Description: The phone supports local contact import method selection, either adding or overwriting.

Implementation Details:

(1) Contact Update Mode: = 0

The update method is "Add New." When importing contacts, the existing contacts remain unchanged. If there are new entries in the import file, they will be added as new contacts after the import.

(2) Contact Update Mode: = 1

The update method is "Overwrite." It will delete the existing contact data (without deleting groups) and only display the content from the import file.

(3) Contact Update Mode: = 2

The update method is "Overwrite." It will delete the existing contact data and also remove any groups without contacts, displaying only the content from the import file.

2. Supports scrolling display of button information.

Feature Description: The buttons in the phone support interface scroll according to the configuration mode.

Implementation Details:

Adjust by setting configuration parameters

（1）scrolling display type = 0

All buttons in the interface will not scroll

（2）scrolling display type = 1

Only the side keys scroll, other keys do not scroll

（3）scrolling display type = 2

Only the desktop softkey scrolls, other keys do not scroll

（4）scrolling display type = 3

For phones with a secondary screen, only the secondary screen scrolls, and other keys do not scroll

（5）scrolling display type = 4

All buttons on the interface scroll

4 Release 2.12.20.2

Models	Software Version	Comment
X301/X301P/X301G/X303(P)/X303G	2.12.20.2	

4.1 New Features

1. Add support for Chinese input method on new phones
2. Add display of device SN information on the web page
3. Adaptation of key component substitutes and addition of anti degradation function
4. Add Kazakh language support on the phone
5. Add Persian language support on the phone

4.2 Improvement

1. Optimize Russian translation
2. Optimize German translation
3. Optimize French call time format
4. Optimize display of Russian call records
5. Optimize the feature for enabling the voicemail and support configuring voicemail numbers
6. Optimize the IP address input interface to address sequential issues under the 123 input method
7. Optimize the display issue in the upper left corner of unregistered standby mode
8. Optimize sending the hostname to the DHCP server via DHCP Option 12

4.3 Bug Fix

1. Fix the issue of unable to save call logs.
2. Fix the issue with LED flashing after viewing missed calls when the Miss Call Icon is enabled
3. Fix the issue where the X301 phone cannot automatically answer calls with the headset under certain conditions
4. Fix the issue where contacts cannot be dialed using the directional keys
5. Fix issues related to group ringing

4.4 New Features Description

1. Add Support for Chinese Input Method on the Phone

Feature Description: Support for Chinese input method on the phone.

Implementation Details:

Modify the phone's LCD language to Chinese or Traditional Chinese.

When selecting an editable field or creating a new message, the input method sequence should be: Abc, 2aB, Pinyin, 123, abc, ABC.

2. Add Device SN Information Display on Web Page

Feature Description: Display device SN (Serial Number) information on the web page.

Implementation Details:

Add a SN field to the web page to facilitate the use of SN for device management by certain systems.



3. Adaptation of key component substitutes and addition of anti degradation function

Description:

This version has added an anti downgrade function. After upgrading to version2.12.20.2, users cannot upgrade to versions lower than 2.12.20.2. The old version in the user's phone can be upgraded to the latest version 2.12.20.2.

5 Release 2.12.17.8

Models	Software Version	Comment
X301/X301P/X301G/X303(P)/X303G	2.12.17.8	

5.1 New Features

1. Add the function of resetting the web access password
2. Add phone stabilization mechanism
3. Add support for uploading custom languages

5.2 Improvement

1. Optimize issues related to Korean/French translation
2. Optimize RAM to display the actual available memory
3. Optimize the organizational structure of Huawei phonebook
4. Optimize the issue related to automatic update of contacts during auto provisioning
5. Optimize the start and end time of daylight saving time in Israel

5.3 Bug Fix

1. Fix the issue that the configuration items on the web page do not take effect
2. Fix the issue that the user could not enter the LDAP phone book from the softkey
3. Fix the issue that the speed dial key failed to switch channel under special circumstances

4. Fix the issue that the keypad lock would not work after pressing the line key

5. Fix the issue that users failed to add contacts on the LCD

6. Fix the issue that the call timer did not take effect under certain circumstances

5.4 New Features Description

1. Add the function of resetting the web access password

Function description: The phone can reset the web access password separately

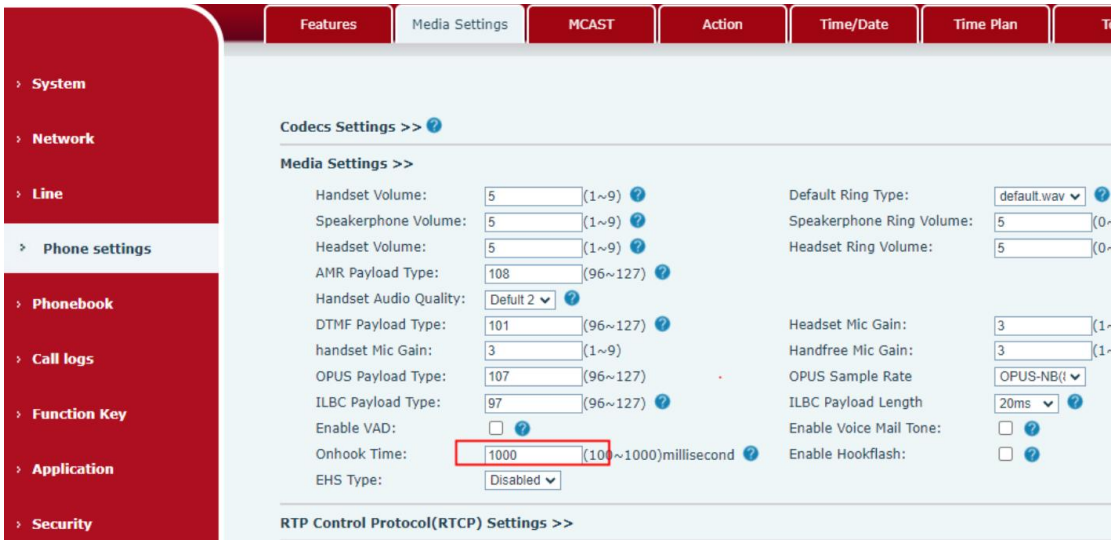
Settings: Go to the menu in the phone interface, Menu - Advanced Settings - Factory Reset, and the first item is Web Access. After enabling it, the admin account will be restored to the default password.



2. Add phone stabilization mechanism

Function description: When the device moves or the table vibrates, a new mechanism is added to avoid the situation that the UI interface may change abnormally due to the triggering of the fork spring by the handle

Settings: Enter the phones website. Find [Phone Settings] - [Media Settings]-[Onhook Time]. The bigger the number is, the more stable the phone will be.

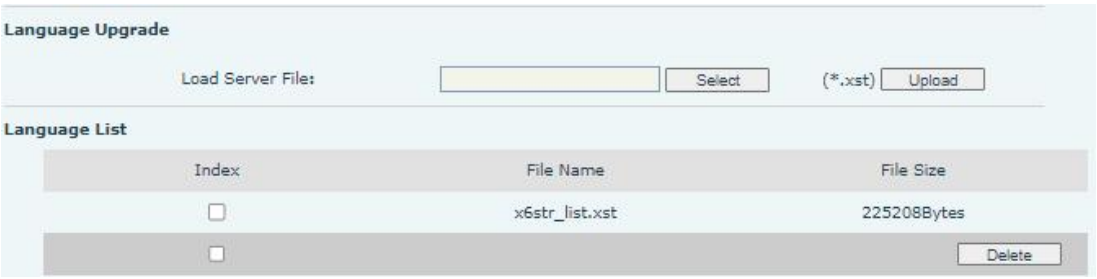


3、 Add support for uploading custom languages

Function description: The phone supports uploading a custom language and displaying it on the screen

Note: Custom language does not work for webpage

Setting: Enter the phone's website. Find [System] - [Upgrade]-[Language Upgrade]. The format and naming is fixed, which is [xstr_list.xst]. If the language is an existing language on the phone, the existing entry content will be replaced. If the language is not supported by the phone, the custom language will be added to the language selection page, and the user can select the custom language to use.



6 Release 2.12.5.11

Models	Software Version	Comment
X301/X301P/X301G	2.12.5.11	

6.1 New Features

1. Add phone screen adaptation, new and old screens share the same software version
2. Add anti degradation function

Description:

This version has added an anti downgrade function. After upgrading to version 2.12.5.11, users cannot upgrade to versions lower than 2.12.5.11.

The old version in the user's phone can be upgraded to the latest version 2.12.5.11

7 Release 2.12.4.5

Models	Software Version	Comment
X301(P)/X301G/X303(P)/X303G	2.12.4.5	

7.1 New Features

1、Optimize high-definition controller related issues.

8 Release 2.12.4.2

Models	Software Version	Comment
X301(P)/X301G/X303(P)/X303G	2.12.4.2	

8.1 New Features

1、Fix network anomalies in special situations.

9 Release 2.12.4.1

Models	Software Version	Comment
X301(P)/X301G/X303(P)/X303G	2.12.4.1	

9.1 New Features

1、Add G723.1 and G726 codes

9.2 Optimization

1、Optimize the voice quality of the phone