

Fanvil

Fanvil

Release Note

Version: R2.3.1.4325

Models: X3S/X4/S2/S4

Date: 2017-10-13

1 New Features

1. Add language selection in the first booting interface
2. Add Ukrainian language
3. Add Korean language **NOTE:** Need to upgrade Korean font for color screen phone
4. Add server recording function **NOTE:** Work with Fanvil server recording software
5. Add Fanvil phone book search function **NOTE:** Work with Fanvil VoIP server software
6. Add web firewall
7. Add soft key exit key selection
8. Add VMU(Voice Message Unit) voice prompt
9. Add HTTPS protocol in action URL
10. Add hiding function of password item in the configuration file **NOTE:** default close
11. Add TLS configuration items in TR069 module
12. Add phone number hiding selection
13. Add soft key configuration
14. Add long press OK key to reset phone **NOTE:** Default close
15. Add conference selection in DSS key which can press once to come through the meeting
16. Add custom SIP Info
17. Add RTP Keep alive
18. Add auto headset selection
19. Add configuration file format of the point division method
20. Support BLF list for VoipSwitch server

2 Optimization

1. Optimize standby event prompt function, add icon display in status bar system event

2. Optimize LDAP query module
3. Optimize short message display, support receive SMS automatic display
4. Optimize DSS Call Park function, support subscription Call Park number status
5. Optimize SIP TLS security check function
6. Optimize SIP SRV search processing function
7. Optimize voice parameters
8. Optimize RTP receives the check and processing function
9. Optimize Sip hot spot automatic discovery function, support different group hotspots to discover connections automatically
10. Remove click to talk UI prompt box to simplify the operation
11. Optimize keyboard lock function, support timeout automatic upper lock
12. Optimize default line function is enabled by Default
13. Optimize Ring/Ring forward pick/free/earphone to answer
14. Optimize standby clock is switched on, it is gray, only after synchronization time, it will be refreshed to normal color
15. Optimize in standby screensaver only display number, no longer display names
16. Optimiz the feature of the volume value of DTMF 2833 by default to -10db
17. Update CURL to 7.54.0 to solve the problem of CURL download
occasionallyOptimized the feature of
18. Add configuration control to receive 18x IVR if you want to play RTP, play by default
19. Add the current WAN Vlan Id value to the LCD Menu network information page
20. Add the Redia function configuration item to control the default behavior of
RedialOptimized the feature of
21. DSS increases the Memory Key subtype icon
22. Optimize Chinese and Japanese library (for S2, X2C phone)
23. Optimize rule of code processing, which supports the matching of rules of the same prefix
24. Optimize * key processing behavior of the dial input state

25. Optimize UaCSTA module function to improve stability
26. Optimize the principle of key handling under screen mode

3 Bug Fixes

1. Fix system time is not synchronized, the upgrade failure will be a problem if the system time is not synchronized
2. Fix phone was called, when the phone didn't receive an ACK on the right side. phone did not send the BYE immediately
3. Fix the feature of there is no Contact field issue with the message that replies to the 200 OK messages of some SIP Info packages
4. Fix contents of the ldap phone cannot be returned to the superior. Press the exit button to return to the phone standby interface
5. Fix URL of Auto after Auto has no protocol, and the system will automatically add the FTP protocol
6. Fix web-call log records show the wrong problem
7. Fix DND is canceled, the dsskey lamp does not change
8. Fix IP call (the main call), hang up, the call record number is empty
9. Fix 3CX RTCP-XR JSON data format error problem
10. Fix the feature of on some servers, third-party issues cannot be implemented
11. Fix a contact has multiple Numbers, the Redial key is not handled
12. Fix attend the transfer/half attendance to the test machine, the test phone shows the problem of name error
13. Fix the name of the contact group is an LCD display in Arabic
14. Fix the domain name resolution xxx.xxx.xxx.255 occasionally causes the connection server to fail
15. Fix the XML push display problem
16. Fix the option100 parsing problem

17. Fix the SIP Head is too large to cause the buff overflow problem when sending messages
18. Fix the failure of SIP authentication after the Agent account
19. Fix the problem with Keep Alive message port when using domain name registration
20. Fix the problem of contact downloading is not complete when auto is available
21. Fix the the call log will show the black block problem,when the contact Chinese name is too long
22. Fix the SIP Group master backup function in some cases does not have an effective problem
23. Fix the problem about Broadsoft
24. Fix the problem about 3CX
25. Fix the auto provisioning updates the dynamic encrypted configuration file causes the machine to restart the problem
26. Fix the after enabling the rport function, you can register an abnormal problem on some servers
27. Fix the machine cannot play Hold Music in some server environments,
28. Fix the WEB pages occasionally display random code problem

4 New Features Descriptions

1. **Add the feature of server recording function (with fanvil server recording software)**

Description: In the web page application page to open the recording, set the type of server recording and set the server address and port. Set the function-keyevent-record. The recording server is on (using fanvil recording software), set up a call, press the set recording key, start recording, press the recording key again to end the recording. You can see the recording file on the server side, you can download to the local playback recording files

Note: The current recording software only supports PCMA, PCMU, G722 encoding

The screenshot shows the 'Record Settings' configuration page in the Fanvil web interface. The left sidebar contains navigation options: System, Network, Line, Phone settings (highlighted), Phonebook, Call logs, and Function Key. The main content area has tabs for Features, Audio, MCAST, Time/Date, Advanced, and Trusted Certificates. Under 'Record Settings >>', there are the following settings:

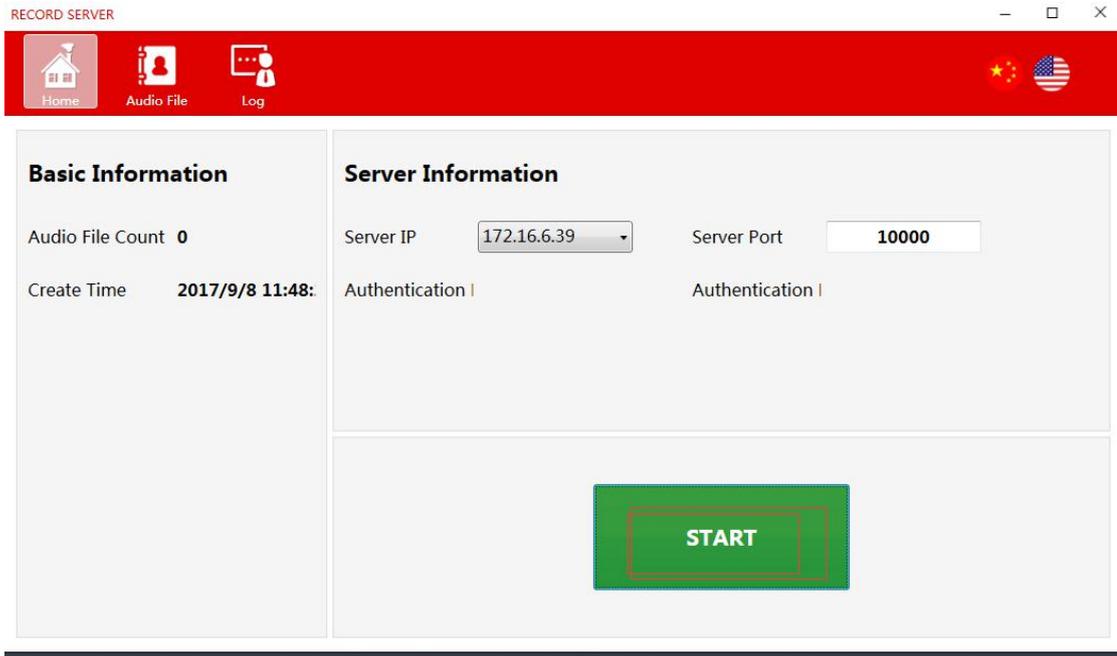
- Enable Record:
- Enable Server Record:
- Server Address: 172.16.6.39
- Codecs Settings: PCMA
- Server Port: 10000

There is an 'Apply' button below the 'Server Address' field. Below the 'Record Settings' section is the 'Action URL Event Settings >>' section.

The screenshot shows the 'Function Key Settings' configuration page. The left sidebar contains navigation options: System, Network, Line, Phone settings, Phonebook, Call logs, Function Key (highlighted), Application, Security, and Device Log. The main content area has tabs for Function Key, Softkey, and Advanced. Under 'Function Key Settings', there is a 'Dsskey Transfer Mode' section with a 'Make a New' dropdown and an 'Apply' button. Below this is a table with 5 pages of settings. The first page shows the following table:

Key	Type	Name	Value	Subtype	Line	PickUp Number
DSS Key 1	Line			None	SIP1	
DSS Key 2	Line			None	SIP2	
DSS Key 3	Line			None	SIP3	
DSS Key 4	Line			None	SIP4	
DSS Key 5	Line			None	SIP5	
DSS Key 6	Line			None	SIP6	
DSS Key 7	Key Event			MWI	AUTO	
DSS Key 8	Key Event			Headset	AUTO	
DSS Key 9	Key Event			Record	AUTO	
DSS Key 10	None			Call Back	AUTO	
DSS Key 11	None			Hide DTMF	AUTO	
DSS Key 12	None			Intercom	AUTO	

A dropdown menu is open for the 'Subtype' column of the 10th key, showing options: Call Back, Hide DTMF, Intercom, Group Listening, Preftx, Hot Desking, Agent, End, Disposition, Escalate, Trace, Handfree, Answer Key, Private Hold, Local Contacts, LDAP Group, XML Group, Broadsoft Group, Record, Recordset, and AUTO Headset. The 'Record' option is highlighted. On the right, a 'NOTE' box states: 'Description: Custom function keys can be set as line keys, BLF and other function keys.'



2. Add the fanvil phone book search function (with fanvil voip server software)

Description: Fanvil xml cloud phone book, browse is the current level of GET xml file, the query is the current level of the xml contact; incoming call, the xml Internet phone book all the files are downloaded to the local query

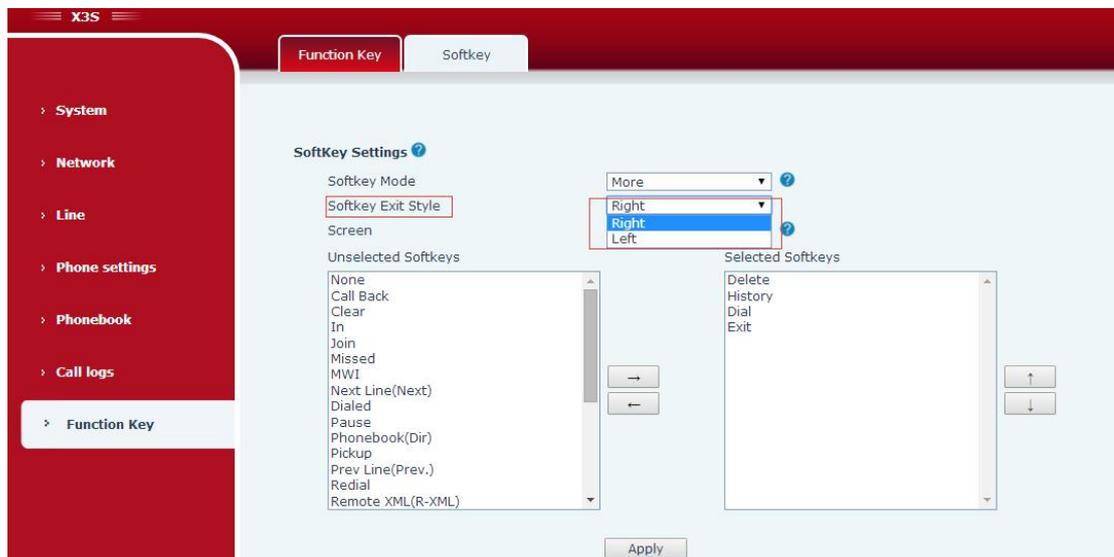
3. Add the web firewall function

Description: You can set whether to enable input and output firewall, and can set the firewall input and output rules, the use of these settings can prevent some malicious network access, or limit the internal user access to some of the external network resources, improve security



4. Add the feature of soft Key about exit Key style selection function

Description: You can set the softkey exit key to be displayed on the left or right

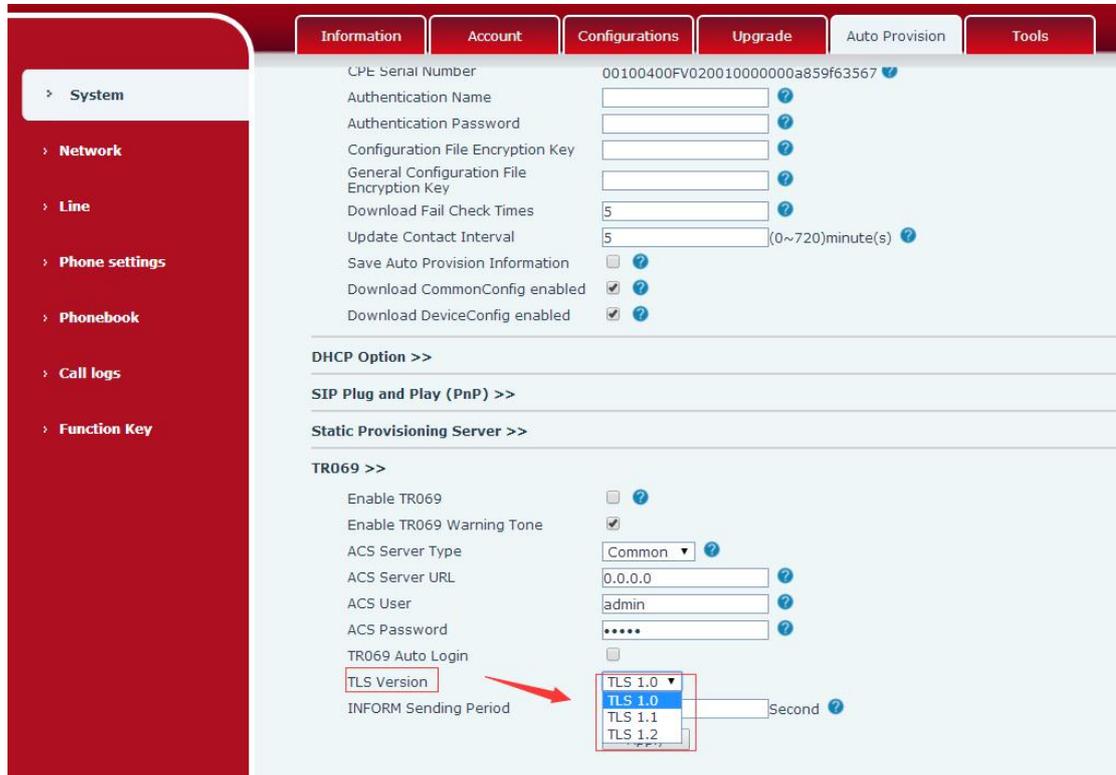


5. Add the feature of configure the password item in the configuration file to increase the password hiding function. The default is closed

Description: "<PHONE FEATURE MODULE>" module to increase the configuration "Hide Password:" to control whether the password is displayed when the configuration file is exported. When 0 is displayed, the password is 1, the password is hidden.

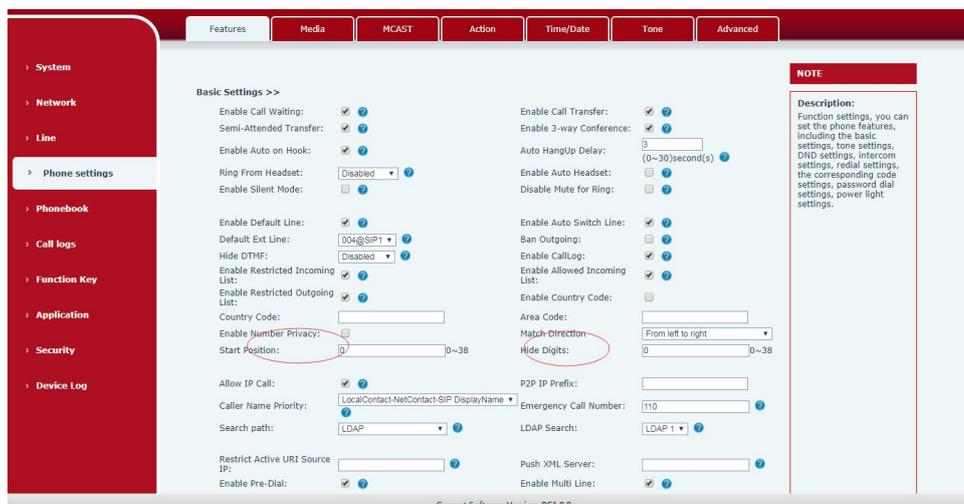
6. Add the feature of the TR069 module adds TLS configuration items

Description: In the auto provision-tr069 can choose tls version



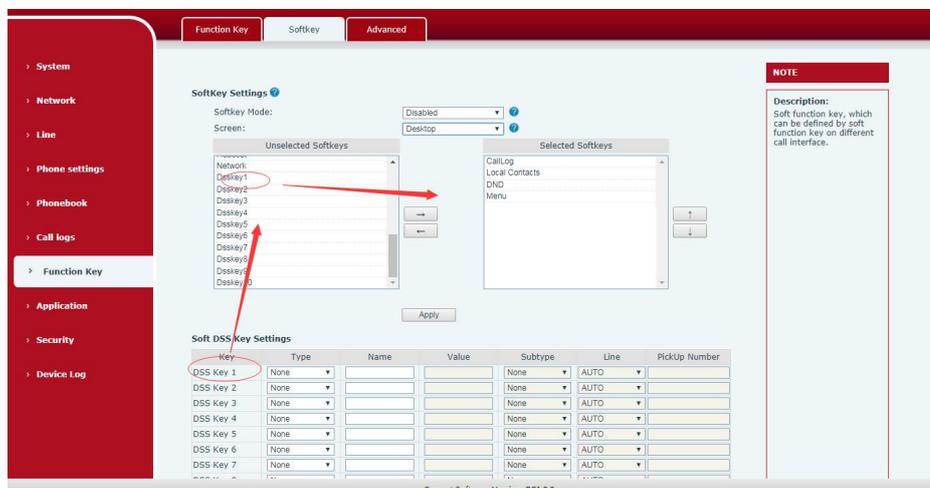
7. Add the feature of the phone number hides the function to meet the call center number privacy requirements

Description: Enter the page phone settings-features page, open the number of privacy, fill in the starting position, select the starting direction, fill in the hidden number of bits. When the phone has an incoming call, the corresponding number is hidden



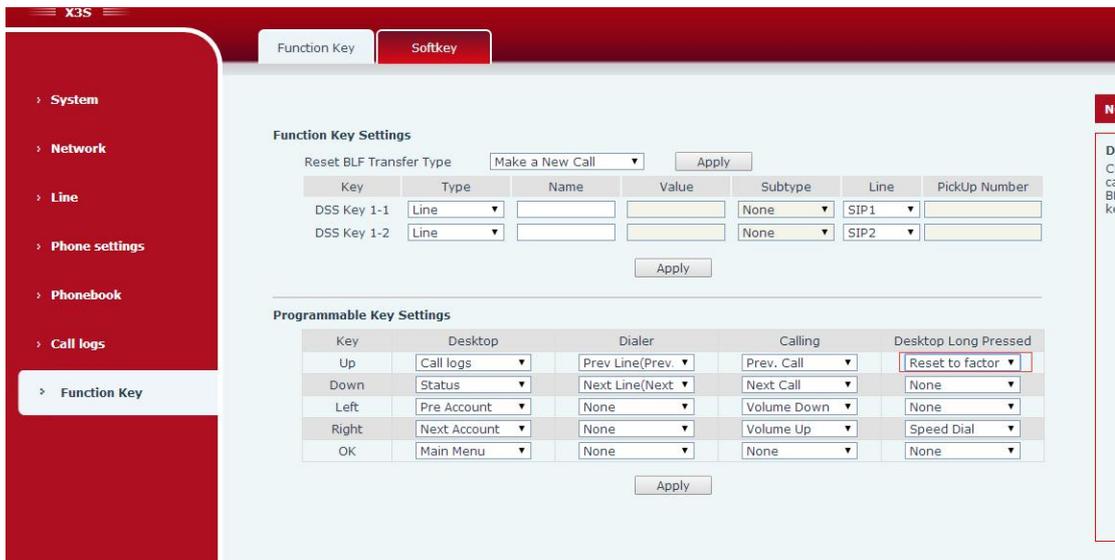
8. Add the feature of soft Dss Key function (you can configure Dss Key on soft Key)

Description: Into the web page, function key-sofekey page, you can set the Soft Dss Key, set up, the corresponding Dss key moved to the right. The phone will have a corresponding sofe key display, you can do the appropriate operation



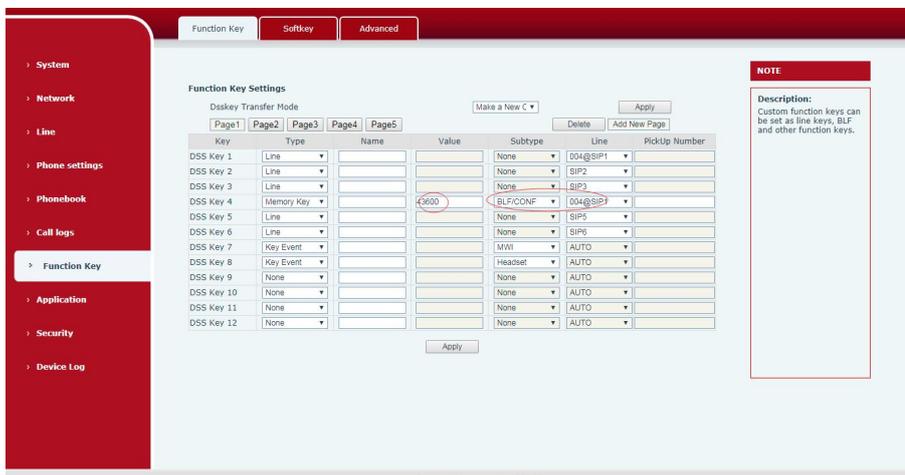
9. Add the feature of the long pressing the OK key to Reset the system. Off by default

Description: Into the web page function key-Advanced page, set the desktop long pressed the key value for the reset. Standby press the corresponding key key for 6 seconds, there will be clear configuration tips page, you can choose whether to clear the configuration



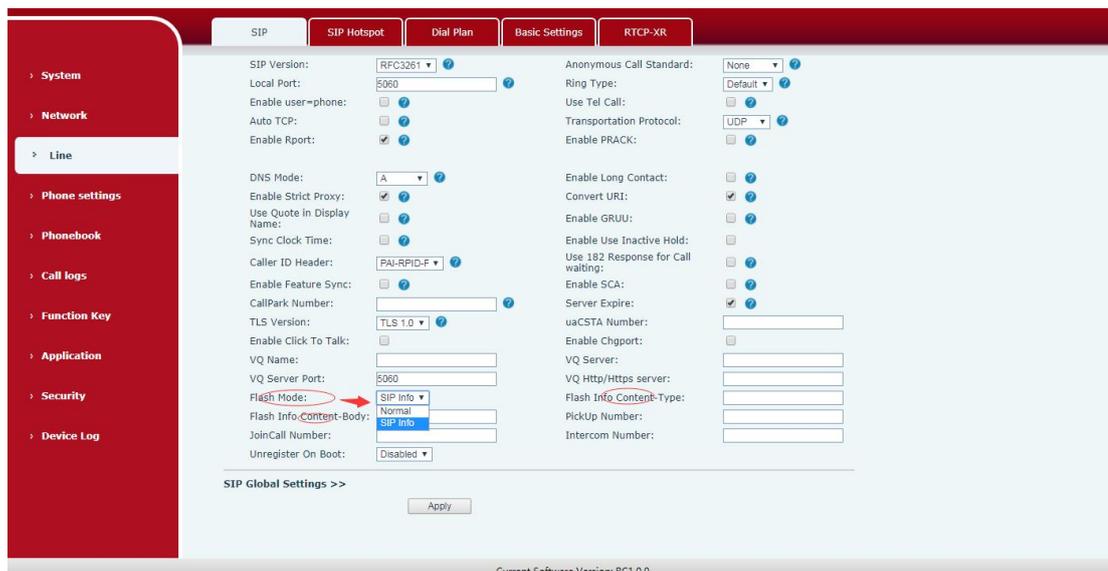
10. Add the feature of Dss BLF/Conference key, one key into the meeting

Description: Phone into the web page or lcd the function key interface, set the dss key type for the memory key, subtype for the blf / conf, value is to join the number A. If the A phone and B phone has a call, then press the set dss key, will join the A, B call to, and A, B phone to establish a three-way call.



11. Add custom SIP Info function

Description: Enter the web page [line]->[sip] and set the flash mode. You can enable the local flash function, or send sip info

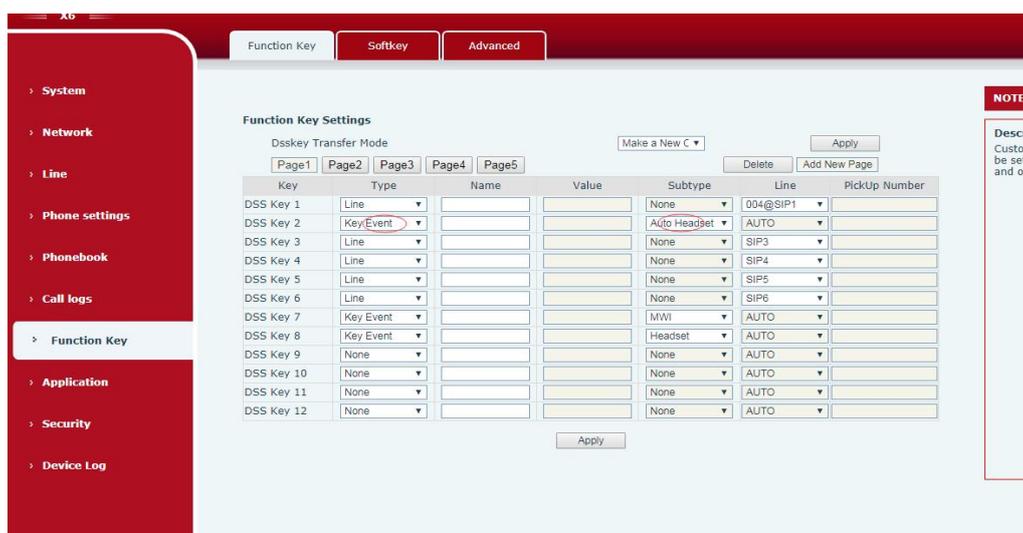


12. Add RTP Keep alive function

Description: Call hold when the opportunity to send RTP from time to time to stay connected

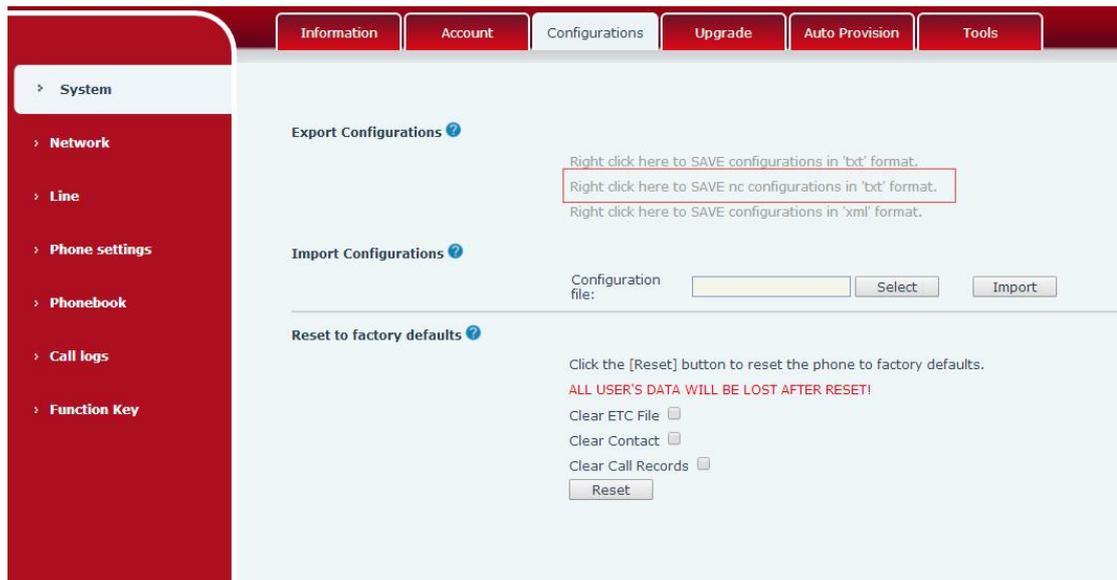
13. Add auto Headset function, improve headset operation

Description: Enter the web page [function key page], set the DSS key type for the key event, subtype for the auto headset. Standby can press the corresponding DSS key, click to open Auto Headset, and then click to close. After opening, the LED lights



14. Add configuration file format of the point division method

Description: Enter the web page [system]->[configurations], you can view the nc configuration file



15. Add BLF list function support for voipswitch server

Description: Enter the web page [line]->[sip], register voipswitch account, open enable blfList, fill in the blf list number. When the configuration is complete, the system automatically assigns each extension to the phone key.

