



Release Note

Software Version: 1.10.6

Models: X5S/X6

Date: 2019-03-06



1 New Features

1. Added Blue-tooth external line function
2. Added configuration for calling number filtering for special characters
3. Added customized configuration function for DSS key lamp in Web page
4. Added SRTP force-enable option
5. Added Ping to web pages
6. Added customized background image function for side screen
7. Added Enable Deal 180 function
8. Web pages added memory information display
9. Added support for USB headphones

2 Optimization

1. Optimized SIP lines to 20
2. Optimized phone book support for 2000
3. Optimized LLDP/CDP/DHCP VLAN enabled by default
4. Optimized the resolution of MWI Notify messages to support message-waiting:yes format
5. Optimized phone automatic upgrade URL length
6. Add DSS Key icon clearing function in web page
7. Optimized DNS resolution time
8. Optimized LDAP related issues

3 Bug Fixes

1. Fixed the call failure caused by SIP calling MTU exceeding 1500 bytes.
2. Fixed VQ Status not displaying IPv6 information.
3. Fixed some cases where the phone subscribed to the BLF and the BLF status was incorrect after the server was restarted.
4. Fixed the BLF subscription abnormal cases caused by the phone received Notify with Expire field and subscription period of the telephone kept shortening.
5. Fixed some servers under Call Park to retrieve calls when there was no sound
6. Fixed no ring back when using some servers.
7. Fixed Video Decoder Unsupported problem
8. Fixed the problem of using TLS registration under some servers to enable SRTP sound abnormality.
9. Fixed the problem that the phone cannot preview the video when the Action Plan configuration number is 1. format.
10. Fixed cannot multicast using G.722 encoding
11. Fixed when the phone received a SIP message with multiple remote-party-id fields that replied 400
12. Fixed a Proxy server switch issue in the primary backup
13. Fixed the display screen blurring of start up Logo

4 New Feature Descriptions

1. Added Blue-tooth external line function

Description : The phone could scan the mobile phone via blue-tooth and connect with it. The phone could work as blue-tooth headset for the mobile phone after the connection. That's the blue-tooth external line function.

The following functions can be supported on both the phone and the mobile phone when using blue-tooth external line:

- 1) the host is called and answered, hung up and refused
- 2) Hold, Resume, Mute, Volume Up/Down, DTMF during the call

2. Added configuration for calling number filtering for special characters

Description : Adds a number call with special characters to filter out the configuration of special characters. This configuration item defaults to null.

Web configuration:

The screenshot shows the Fanvil X6 web configuration interface. The left sidebar contains a navigation menu with categories: System, Network, Line, Phone settings (selected), Phonebook, Call logs, Function Key, Application, Security, and Device Log. The main content area is titled 'Basic Settings >>' and contains various configuration options. The 'Call Number Filter' field at the bottom is highlighted with a red box. Other visible settings include 'Enable Call Waiting', 'Semi-Attended Transfer', 'Enable Auto on Hook', 'Ring From Headset', 'Enable Silent Mode', 'Enable Default Line', 'Default Ext Line', 'Default Ans Mode', 'Hide DTMF', 'Enable Restricted Incoming List', 'Enable Restricted Outgoing List', 'Country Code', 'Enable Number Privacy', 'Start Position', 'Allow IP Call', 'Caller Name Priority', 'Search path', 'Caller Display Type', 'Restrict Active URI Source IP', 'Enable Pre-Dial', 'Line Display Format', 'Block XML When Call', 'Enable Call Transfer', 'Enable 3-way Conference', 'Auto HangUp Delay', 'Enable Auto Headset', 'Disable Mute for Ring', 'Enable Auto Switch Line', 'Ban Outgoing', 'Default Dial Mode', 'Enable CallLog', 'Enable Allowed Incoming List', 'Enable Country Code', 'Area Code', 'Match Direction', 'Hide Digits', 'P2P IP Prefix', 'Emergency Call Number', 'LDAP Search', 'Push XML Server', 'Enable Multi Line', 'Contact As White List Type', and 'SIP Notify'.

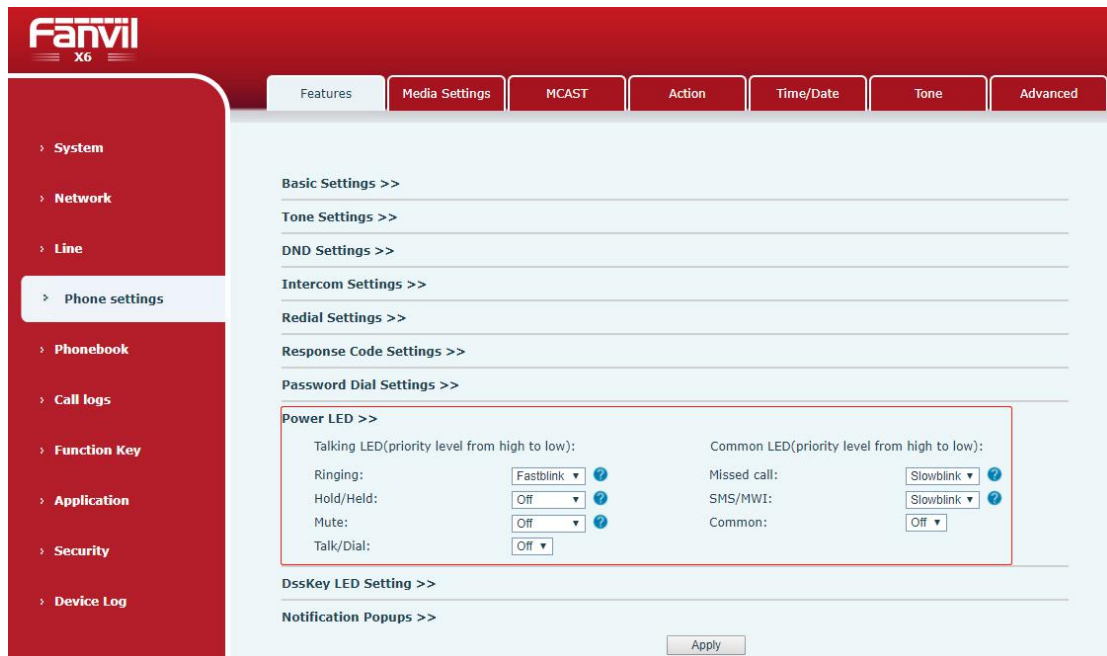
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3. Added customized configuration function for DSS key lamp in Web page.

Description : Add configuration of BLF control and line idle lamp display mode.

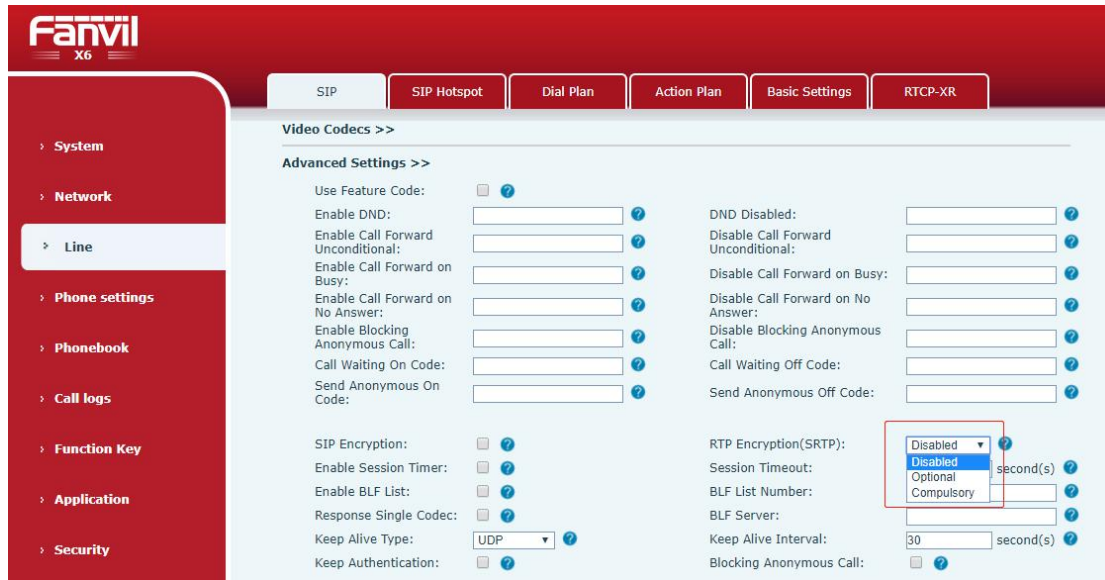
Web page configuration:



4. Added SRTP force-enable option

Description: Mandatory SRTP option added to SIP SRTP negotiation. Only after the negotiation is successful, SRTP can establish a call. Otherwise, reply with 488.

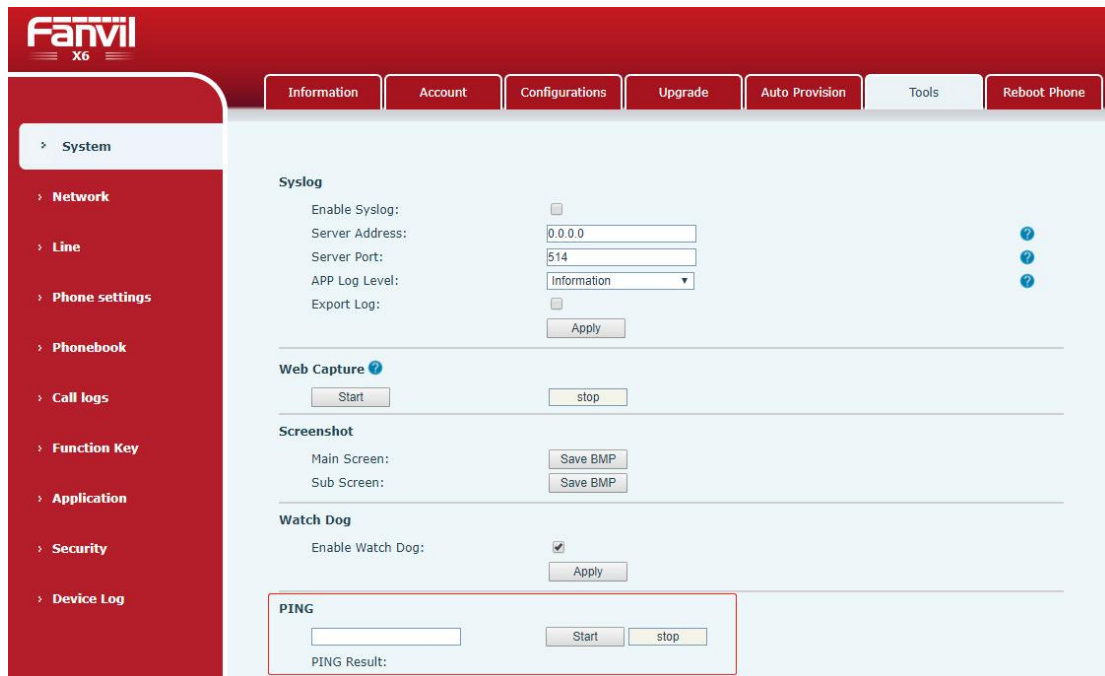
Web page configuration:



5. Added Ping to web pages

Description: Add ping function to the web page.

Web page configuration:



6. Added customized background image function for side screen

Description: Add background image that can be upgraded to customized for side-screen. Background image size (24 bit depth BMP format with height 240* width 320).

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Web page configuration:

The screenshot shows the Fanvil X6 web configuration interface. The 'Upgrade' tab is active. The current software version is 1.10.2, and the server firmware version is Error. There is an 'Upgrade' button. Below this, there are sections for 'Ring Upgrade', 'Ring List', 'Background Upgrade', and 'Background List'. The 'Background Upgrade' section is highlighted with a red box. It contains a 'Load Server File' field, a 'Select' button, a file type indicator '(*.bmp)', and an 'Upload' button. The 'Ring List' and 'Background List' sections each have a table with columns for 'Index', 'File Name', and 'File Size', and a 'Delete' button.

7. Added Enable Deal 180 function

Description: Add Enable Deal 180 configuration item; default as ON.

On: receiving 183+ SDP, playing IVR, and playing local tone when receiving 180.

Close: receive 183+ SDP, play IVR, then do not play local tone when receiving 180.

Web page configuration:

Fanvil
X6

- > System
- > Network
- > Line
- > Phone settings
- > Phonebook
- > Call logs
- > Function Key
- > Application
- > Security
- > Device Log

SIP
SIP Hotspot
Dial Plan
Action Plan
Basic Settings
RTCP-XR

<p>Response Single Codec: <input type="checkbox"/> ?</p> <p>Keep Alive Type: UDP ?</p> <p>Keep Authentication: <input type="checkbox"/> ?</p> <p>User Agent: ?</p> <p>SIP Version: RFC3261 ?</p> <p>Local Port: 5060 ?</p> <p>Enable user=phone: <input type="checkbox"/> ?</p> <p>Auto TCP: <input type="checkbox"/> ?</p> <p>Enable Rport: <input checked="" type="checkbox"/> ?</p> <p>DNS Mode: A ?</p> <p>Enable Strict Proxy: <input checked="" type="checkbox"/> ?</p> <p>Use Quote in Display Name: <input type="checkbox"/> ?</p> <p>Sync Clock Time: <input type="checkbox"/> ?</p> <p>Caller ID Header: PAI-RPID-F ?</p> <p>Enable Feature Sync: <input type="checkbox"/> ?</p> <p>CallPark Number: ?</p> <p>TLS Version: TLS 1.0 ?</p> <p>Enable Click To Talk: <input type="checkbox"/> ?</p> <p>VQ Name: </p> <p>VQ Server Port: 5060</p> <p>Flash Mode: Normal</p> <p>Flash Info Content-Body: </p> <p>JoinCall Number: </p> <p>Unregister On Boot: <input type="checkbox"/> ?</p> <p>Enable Register MAC Header: <input type="checkbox"/> ?</p> <p>PTime(ms): Disabled</p>	<p>BLF Server: ?</p> <p>Keep Alive Interval: 30 second(s) ?</p> <p>Blocking Anonymous Call: <input type="checkbox"/> ?</p> <p>Specific Server Type: COMMON ?</p> <p>Anonymous Call Standard: None ?</p> <p>Ring Type: Default ?</p> <p>Use Tel Call: <input type="checkbox"/> ?</p> <p>Enable PRACK: <input type="checkbox"/> ?</p> <p>Enable Long Contact: <input type="checkbox"/> ?</p> <p>Convert URI: <input checked="" type="checkbox"/> ?</p> <p>Enable GRUU: <input type="checkbox"/> ?</p> <p>Enable Use Inactive Hold: <input type="checkbox"/> ?</p> <p>Use 182 Response for Call waiting: <input type="checkbox"/> ?</p> <p>Enable SCA: <input type="checkbox"/> ?</p> <p>Server Expire: <input checked="" type="checkbox"/> ?</p> <p>uaCSTA Number: </p> <p>Enable Chgport: <input type="checkbox"/> ?</p> <p>VQ Server: </p> <p>VQ Http/Https server: </p> <p>Flash Info Content-Type: </p> <p>PickUp Number: </p> <p>Intercom Number: </p> <p>Enable MAC Header: <input type="checkbox"/> ?</p> <p>BLF Dialog Strict Match: <input checked="" type="checkbox"/> ?</p> <p style="border: 2px solid red; padding: 2px;">Enable Deal 180: <input checked="" type="checkbox"/> ?</p>
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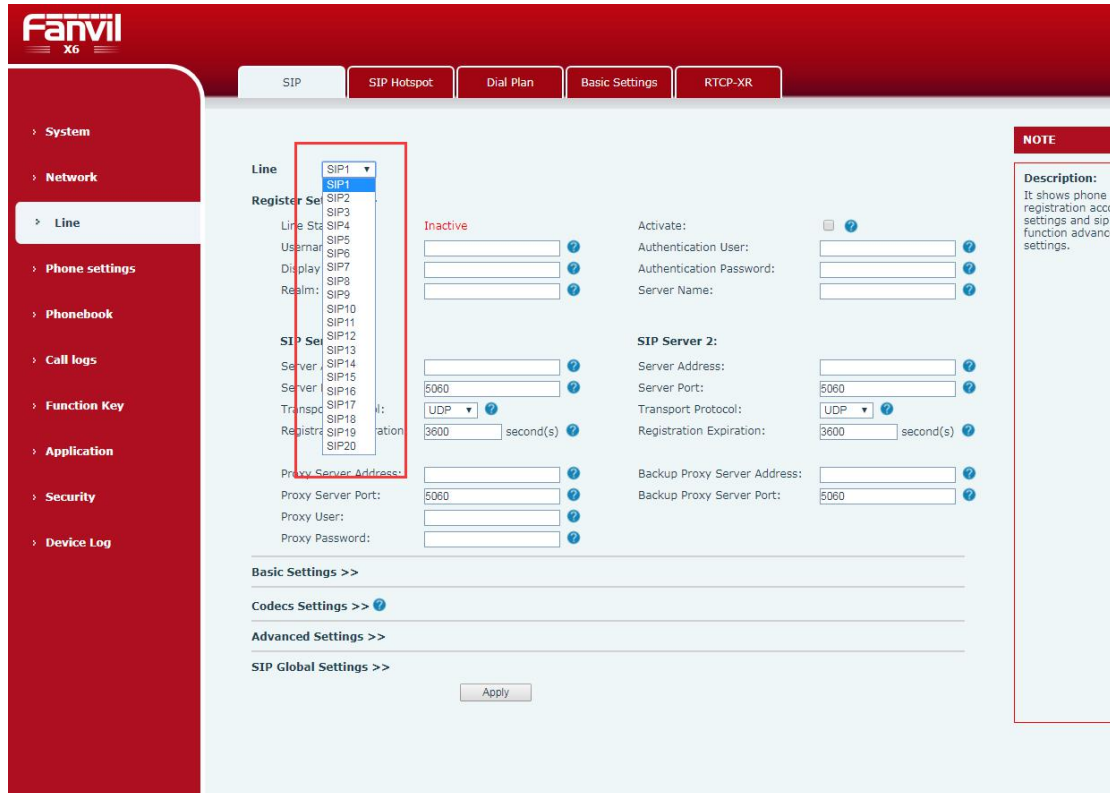
SIP Global Settings >>

Apply

5 Optimized function description

1. Optimized SIP lines to 20

Description: Previously the phone supports max of six Line lines, but now there are 20 extended SIP lines



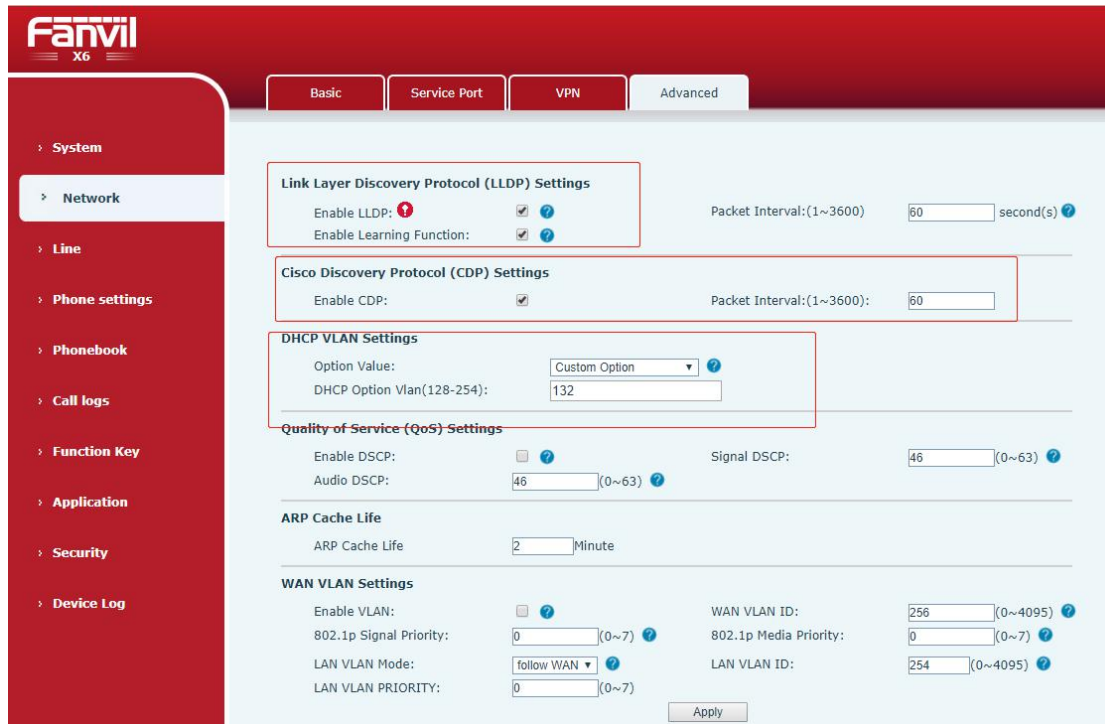
2. Optimized phonebook support for 2000

Description: The maximum phonebook supported is optimized from 1000 pcs to 2000 pcs.

3. Optimized LLDP/CDP/DHCP VLAN enabled by default

Description: LLDP/CDP/DHCP VLAN configuration items, which were previously turned off by default, are now improved to turn on by default.

Web page configuration:



4. Optimized the resolution of MWI Notify messages to support message-waiting:yes format

Description: The sent notify contains messages-waiting: yes, the phone can also correctly prompt for unread Messages

5. Optimized phone automatic upgrade URL length

Description: Extension automatically updates URL length to no less than 256 bits.

6. Add DSS Key icon clearing function in web page

Description: You can choose whether to keep the DSSKEY icon when clearing the web page configuration.