Release Note

1 New Features

1. Support DHCP option121.

2. Support WEB Filter.

3. Add Video Preview which allow user to view the video on IP Phone before answer the incoming call.

4. Support polycom and yealink multicast format

5. Support customizing the title of the camera.

6. Add the mac header in the SIP message

7. Support reseting output port by DTMF

Fanvil Technology Co., Ltd

Add: Level 3, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1 Road,35th District, Bao'An, Sehnzhen,518101 P.R.
Tel: +86-755-2640-2199   Fax: +86-755-2640-2618   Email: support@fanvil.com   www.fanvil.com
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2   Optimization

1. Optimized the cooperation with FDMS server.

2. Optimized the feature of Input, output, anti-demolition.

3. Optimized the card reader processing.

4. Optimized the feature of SIP control check-sync processing.

5. Optimized the Door phone device tone volume.

6. Optimized open door log.

7. Optimized ssrc processing of industry product video stream.

8. Optimized the compability of camera search package format

9. Optimized the feature of door lock status, start the stage to close the door lock and enter the POST mode and unlock.

10. Optimized the feature of the effective number processing of card reader.

11. Optimized the feature of software version security.

3   BUG Fixes

1. Fixed the issue that registration with SIP domain name, if the port carried by the INVITE to field is 0 resulting failure to establish calls.

2. Fixed the issue that Safari browser displaying errors in some cases..

3. Fixed the issue that when registration with TLS is not successful, modify port caused failure to logon web page when submission.

4. Fixed the issue of STUN stability.

5. Fixed the issue that registration with TLS unable conversation under certain servers.

6. Fixed the issue that device will reboot after receive the 404 Avaya server send when calls.

7. Fixed the issue that the first invite package is hold request packet resulting cannot be opened door remotely when establish a call.

8. Fixed the issue that the Digest of configuration file is not saved, causing the device constantly restarted.

9. Fixed the issue that Hold cannot be resume under certain servers when called.

10. Fixed the issue that ports are not released after multicast call ends, resulting in no longer receiving multicast.

11. Fixed the issue that multicast port cannot be reused.

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4 New Features Description

1. Support DHCP option121

Configuration item:

<GLOBAL CONFIG MODULE>

DHCP CLSLESS ROUTE :1 (default is 0)

```
<GLOBAL CONFIG MODULE>
WAN Mode           :DHCP
WAN IP             :192.168.3.4
WAN Subnet Mask    :255.255.255.0
WAN Gateway        :192.168.3.1
Primary DNS        :192.168.3.1
Secondary DNS      :0.0.0.0
Enable DHCP        :1
Use Vendor Class ID:0
Vendor Class ID    :Fanvil i31S
DHCP Auto DNS      :1
DHCP CLSLESS ROUTE :1
DHCP Auto Time     :0
ARP Cache Life     :10
Domain Name        :
Host Name          :VOIP
Enable PPPoE       :0
RTP Initial Port   :10000
RTP Port Quantity  :200
SNTP Server        :time.nist.gov
Second SNTP Server :pool.ntp.org
Enable SNTP        :1
```

Description：Routing table can be separated after enable option121; it can save IP address resources when subdividing the subnetwork, distinguish LAN easily, and effectively improve network security performance.

2. Support WEB Filter

Web：Network – Web Filter

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Description：Set the filter IP range. When the filter is enabled, the non-range IP will not be able to access the device, effectively limiting the illegal intrusion of other devices and improving the security performance of the device.

3. Add Video Preview which allow user to view the video on IP Phone before answer the incoming call

Description：The device provides 18X video preview for video phone to call. Before the phone is answered, the caller can be seen and the surrounding environment can be observed through the preview function through the camera of the device. The humanized design can know the visitor in advance, and the user can choose to answer and hang up or ignore.

4. Support polycom and yealink multicast format

Description：The device can receive multicast between polycom and yealink, and more powerful compatibility makes communication more convenient and information sources more diversified.

5. Support customizing the title of the camera

Web：EGS Setting - Video–Video Capture
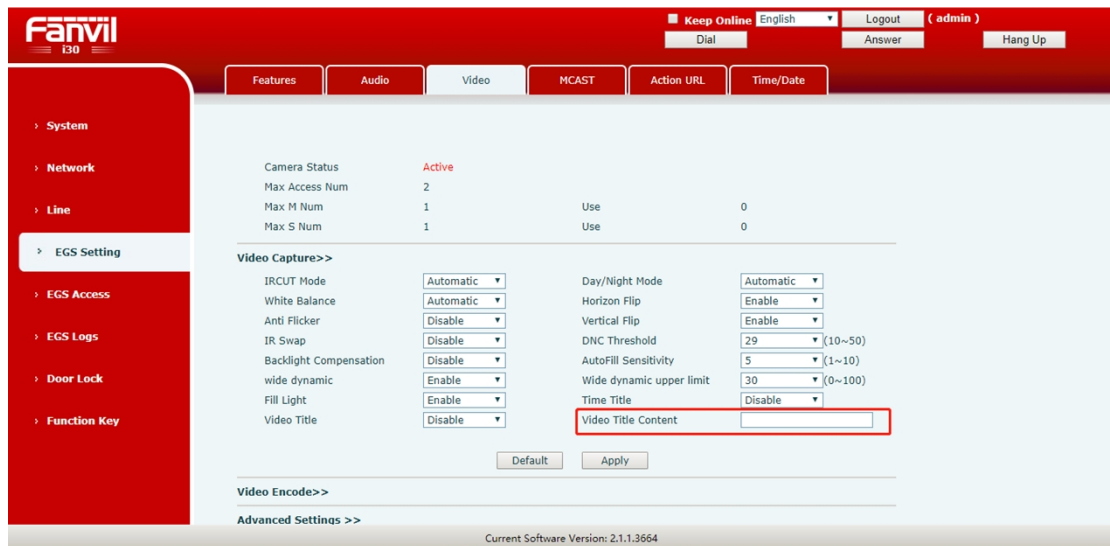
Description：Customize the camera title. You can see the camera title of the calling device from video during the call. You can quickly judge the location information of the device and make it easy to manage

6. Add the mac header in the SIP message

Web：Line - SIP–Advanced Setting
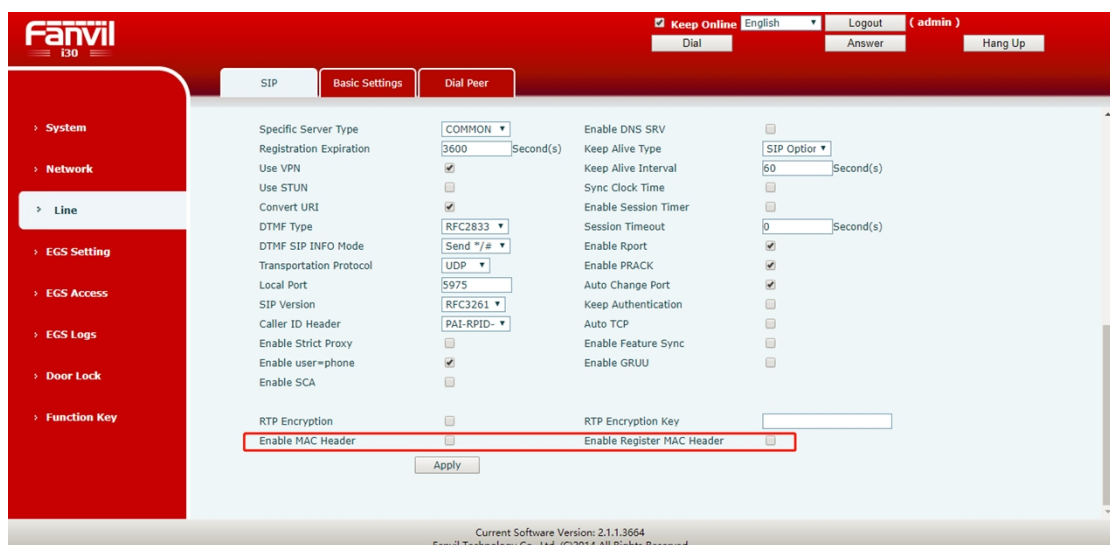
Description："Enable MAC Header :1", All SIP messages have MAC fields.

"Ena MAC Header :0",

　　If it is not a SIP Register message, it does not have a MAC field.

If it is a SIP Register message，

"Ena REG MAC Header :1"， register the package with the MAC field。

"Ena REG MAC Header :0"， registered packages do not come with MAC fields

7. Support reseting output port by DTMF

Web ： Security settings - Alert Trigger Setting

Description：Set the DTMF to reset the output password, which can effectively control the output state of the alarm bell and facilitate the community emergency management.