

Release Note

Software Version: 2.1.1.3664

Models: iW30/i18s/i20s/i23s/i30/i31s/PA2

Date: 2018-08-13



New Features 1

- 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

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
- 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.
- 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.

4 New Features Description

1. Support DHCP option121

Configuration item:

<GLOBAL CONFIG MODULE>

DHCP CLSLESS ROUTE :1 (default is 0)

<global config="" modu<="" th=""><th>JLE></th></global>	JLE>			
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 II	0:0			
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.				
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

Fanvil	Keep Online English Logout (admin) Dial Answer Hang Up
> System	Basic VPN Web Filter
> Network	Web Filter Table Start IP Address End IP Address Option
> Line	Web Filter Table Settings Start IP Address End IP Address Add
 EGS Setting EGS Access 	Web Filter Setting Enable Web Filter Apply
› EGS Logs	
> Door Lock	
› Function Key	
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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

				📕 Keep Or	nline English	 Logout 	(admin)
				Dial		Answer	Hang Up
	Features Audio	Video	MCAST	Action URL	Time/Date]	
> System							
> Network	Camera Status Max Access Num	Active 2					
> Line	Max M Num Max S Num	1	Use Use		0 0		
> EGS Setting	Video Capture>>						
> EGS Access	IRCUT Mode White Balance	Automatic V Automatic V	Day/Night Mo Horizon Flip	de	entorie	•	
> EGS Logs	Anti Flicker IR Swap Backlight Compensation	Disable T Disable T	Vertical Flip DNC Thresho AutoFill Sensi		29	<pre>(10~50) (1~10)</pre>	
> Door Lock	wide dynamic Fill Light	Enable T Enable T	Wide dynami Time Title		30	(0~100)	
> Function Key	Video Title	Disable •	Video Title Co	ontent			
		Def	ault Apply				
	Video Encode>>						
	Advanced Settings >>						

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

CODY			🗹 Keep Online	English 🔻	Logout	(admin)
			Dial		Answer	Hang Up
	SIP Basic Settings	Dial Peer				
› System	Specific Server Type	COMMON T	Enable DNS SRV			•
> Network	Registration Expiration Use VPN Use STUN	3600 Second(s)	Keep Alive Type Keep Alive Interval Sync Clock Time	SIP Optior •	Second(s)	
> Line	Convert URI DTMF Type	RFC2833 V	Enable Session Timer Session Timeout		Second(s)	
> EGS Setting	DTMF SIP INFO Mode Transportation Protocol	Send */# T UDP T	Enable Rport Enable PRACK	x		
EGS Access	Local Port SIP Version	5975 RFC3261 ▼	Auto Change Port Keep Authentication			
› EGS Logs	Caller ID Header Enable Strict Proxy	PAI-RPID-	Auto TCP Enable Feature Sync			
> Door Lock	Enable user=phone Enable SCA		Enable GRUU			
> Function Key	RTP Encryption		RTP Encryption Key			
	Enable MAC Header	Apply	Enable Register MAC Header			
		Current Software Ve				

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 $_{\circ}$

"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

Fanvil	Z Keep Online English ▼ Logout (admin.) Dial Answer Hang Up
> System	
> Network	Input Settings © Input Detect
> Line	Trigger Mode Low Level Trigger(Close Trigger) 🔻 🗷 Alert message send to server Output Settings
 Intercom settings 	Output Response Standard output status Normal Closed(NC) Output Duration 20 (1~600) s
> Security settings	Alert Trigger Setting
> Function Key	Alarm Ring Duration 5 (1-600) s Ø Input Trigger Enable Ring ▼ Trigger Code 1234 Reset Code 4321 Output Last By State ▼ Ø Remote DTM Trigger Enable Ring ▼ Trigger Message OUT1_SOS Reset Message OUT1_CLR
	Remote SMS Trigger Enable Ring Trigger Message ALERT=OUT1_SOS Reset Message ALERT=OUT1_CLR Call State Trigger Talking, Ringing and Calling
	Apply Server Settings
	Server Address 192.168.3.75 Send message to the server when the alarm is triggered Current Software Version: 2.1.1.3664 Famil Technology oc. Ltd. (CIO2N 41 Rights Reserved.

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.