2nd Gen Indoor Station Firmware V2.1.40_build220428 Release Note (2022-05-13)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.40_build220428
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

<u>Fix</u>

1. Optimize registration password settings in Wizard.

		Wizard-Indoor St	ation Settings 3/5	
📖 De	evice Type			Indoor Station 💙
Flo	oor No.			1
Ro	oom No. The password mig	ht be required when linking i	ndoor stations to door stations	or main stations.
() Re	gistration Passwo	ord the activation password.		Not configured. >
Inc	door Extension Se	ettings		
		Previous	Next	Skip
		Wizard-Indoor Sta	ation Settings 3/5	
😳 Dev	vice Type			Indoor Station 📏
Flo	or No.			1
Roo	om No.			1
		ne activation password.	assword will have the device ad	Not configured. >
Ind	loor Extension Se	ttings		
		Previous	Next	Skip

2. Optimize Hik-Connect password configuration page.

	Wizard-Hik-Connec	ct Service Settings 4/5	
Ē	Enable Hik-Connect Service		
	Verification Code		Enter ۲۲
r	Hik-Connect Server Status		Disconnected
	Scan to Download Hik-Connect	Scan to Add to Hik-Con	nect
	Previous	Next	Skip

3. Support stream transmission mode settings, you can select Unit Broadcast or Group Broadcast.

Note:

1.In default it's Unit Broadcast,

2.Before setting Group Broadcast mode, please make sure the switch/router also support Group Broadcast mode, if not, please keep it as default Unit Broadcast mode.

<	SIP Settings	
!Registration Password	Configured	>
stream transmission mode	Unit Broadcast	>
Enable Standard SIP The password might be required w	when linking indoor stations to door stations or main stations.	

4. Fixed some known bugs.

2nd Gen Indoor Station Firmware V2.1.34_build211118 Release Note (2021-11-22)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.34_build211118
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

<u>Fix</u>

5. Fixed some bugs.

2nd Gen Indoor Station Firmware V2.1.32_build210926 Release Note (2021-09-30)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.32_build210926
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

1. Solve production line related problems.

2nd Gen Indoor Station Firmware V2.1.26_210803 Release Note

(2021-08-19)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.26_210803
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

Modify

1. Verification code is empty by default.

	Wizard-Hik-Connect	Service Settings 4/5	
🚍 Enable Hik-Connect	Service		
LBS Server			litedev.hik-connect.com
Verification Code			
	Previous	Next	Skip

2. Hik-Connect Service Settings is changed to the place of Settings→ Advanced Settings→ Configuration→ System Maintenance.



3. Fixed some bugs.

2nd Gen Indoor Station Firmware V2.1.24_210617 Release Note

(2021-06-22)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.24_210617
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

Modify

1、 Since V2.1.24 build 210617, remote degradation of devices is not supported in all subsequent versions. When degradation occurs, it will prompt Failed to upgrade the device and the device will restart.

Notice: Although the device can be degraded by serial port, the device will fail to start and cannot change the version by using serial port again, which means that the device will be completely unusable.

Remote Configuration	>	<
🔹 🚱 System	System Maintenance	
Device Information		
🏶 General	System Management	
🏶 Time	Reboot	
🏶 System Maintenance	Restore Default Settings Restore All	
🏶 User	Import Configuration File Export Configuration File	
🏶 RS485	Remote: Upgrade	
🏶 Security		
🕨 🚳 Intercom	Select Type Upgrade File:	
🕨 🏟 Network	Select File C:/Users/puwenyu/Documents/digica *** Upgrade	
	Process	
	Process	
	Language	
	English 👻 Save	
	Failed to upgrade the device	

- 2、Fixed some bugs
- 3、The firmware is compatible with materials which are switched due to supply shortage.

2nd Gen Indoor Station Firmware V2.1.20_210420 Release Note

(2021-04-30)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	V2.1.24_210617
iVMS-4200 Version	Latest version
Hik-Connect APP	4.13.1 or above

NOTE

Registration password will correspond to the serial number to prevent other devices from invading the system

New Function

1. Local interface support to modify the password through email authentication

	Create P	assword		
	Enter a new password.		¥	
	Enter the password again	٦.	¥	
	8 to 16 characters are allowed.			
	Set an email for aut	nentication first.		
	Enter email address.			
<	Local Informatio	on		(i)
C	Local Informatio	on	Indoor Station 🖒	i
Indoor Station Type Room Information		on Address	Indoor Station >	(i) (i)
			Indoor Station > > 30s (+)	
Room Information	Email A		>	
Room Information	Email A Enter an email address.	\ddress	>	
Room Information	Email A		>	
Room Information Live View Duration SIP Settings	Email A Enter an email address.	\ddress	>	

2. Support Hik-Connect configuration, closed by default

		Wizard-Hik-Connect	Service Setting	s 4/5
Ē	Enable Hik-Conne	ct Service		
	LBS Server			litedev.hik-connect.com
	Verification Code			
		Previous	Next	Skip
Se 4. Ac	erbian dd IPC interface, w		deo Intercom pro	n, Czech, Bulgarian, Croatian, tocol is selected, add plaintext
<		Add De	vice	
Prot	tocol Settings			Open Network Video Interface $>$
Dev	rice Name			Enter the device name.
IP A	ddress			Enter the IP address.
Use	r Name			Enter the user name.
Pass	sword			Enter the password. 🕁

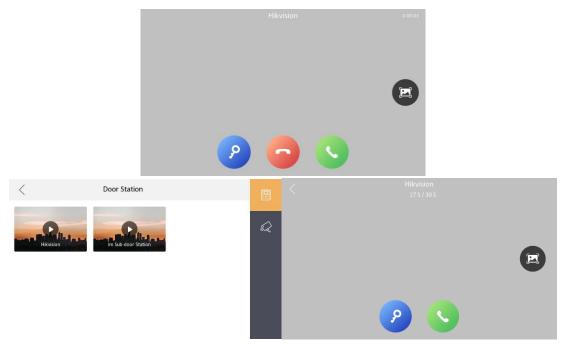
Modify

1. Change the position of unlock password and duress code, to enter the password page requires an admin (activation) password.

<	Advanced Settir	igs		Ś	<	Local Information		(j)
Configuration					Indoor Station Type		Indoor Station >	
Hik-Connect Service Setting	Admin	Password			Room Information		>	
Device Information	Enter Admin Pass	word	¥		Live View Duration		⊖ 30s (+)	Ē
Output Settings	Forgot Password Cancel	ОК			SIP Settings		>	
Reboot Device	Cancer	ŬŔ		ŝ	Password		>	×
					Email Address		>	
					l			
<			Pas	sword S	Settings			
Unlock Passy	word							>
Duress Code	2							>

- 2. When changing the unlock password and duress code, the old password is not required as a credential.
- 3. The name of the local private SIP password configuration Sip Password is uniformly changed to Registration Password
- 4. The changed name of the door station(KD8003 modular door station, KV(-B), KB8113) will be displayed on the call interface or live view interface of the indoor station

HIKVISION	Live View	User	Device Manag	ement	Configuration
📮 Local	Basic Information	Time	Settings DST	Abou	ıt
🖽 System 🛛 🔨					
System Settings	Device	Name	Hikvision		
Maintenance	Dev	ice No.	88		
Security	Lar	nguage	English		
User Management	Syste	m Type	Network System		\checkmark
A Network V		Model	DS-KV8113-WME1(B)		
	Se	rial No.	DS-KV8113-WME1(B)	0120210	121RF



5. The local interface community number, building number, and unit number of the indoor station will be stored in the advance column instead of being displayed directly

Wizard-Indoor Station Settings 3/5					
📖 Device Type	Advanced	Settings	Indoor Station 📏		
Registration Password	Community No.	1	Not configured. >		
Advanced Settings	Building No.	1	>		
Indoor Extension Setti	Unit No.	1			
	Cancel	ОК			
			Skip		

6. The method of adding indoor extensions is changed to the same method as protocol 1.0

Remote Configuration					
🝷 🚱 System	Group Net	work Settings			
🏶 Device Information					
🏶 General	Group Netwo	ork Parameters			
🏶 Time	Device Type	Indoor Extension	SIP No.		
🏶 System Maintenance			Registration Password	•••••	
🏶 User			Main Indoor Station IP	10.9.96.69	
🕸 RS485			Sa	ave	
🏶 Security					
🕨 🎲 Intercom					
🝷 🎡 Network					
Local Network Configuration					
🏶 Advanced Settings					
🏶 Group Network Settings					
				indoor extension	Saved.

2nd Gen Indoor Station V2.1.10_build201208 Release Note (2020-12-28)

	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-
Device Model	KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-
	KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build201208

<u>Fix</u>

(1) Solve the problem that the door station calls the indoor station, the indoor station

refuses to answer, and the HC does not hang up

(2) Solve the problem that the local SADP of the indoor station cannot search for the

MinMoe device when docking with the latest version of Minmoe

(3) Solve the problem that when the indoor station is added to the MinMoe device, MinMoe device will restart

(4) Solve the problem that when the activation password of the indoor station contains a

capital M, the door station can only call through the main indoor station, but not to the

indoor extension

2nd Gen Indoor Station

V2.1.10_build201207 Release Note

(2020-12-27)

	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS-
Device Model	KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS-
	KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build201207

Fix some bugs

2nd Gen Indoor Station V2.1.10_build200713 Release Note (2020-07-27)

Device Model	DS-KH8350-WTE1、DS-KH8350-TE1、DS-KH6320-WTE1、DS- KH6320-WTE2、DS-KH6320-WTE2(B)、DS-KH6320-TE1、DS- KH8520-WTE1
Firmware Version	Indoor Station: v2.1.10_build200713
iVMS-4200 Version	V3.3.1.4 build 20200806
Hik-Connect APP	4.6.2.0724

New Function

1. Higher security, SIP Passwords (Register Passwords)

SIP password is actually Register Password, which is suitable for our security 2.0 protocol. They can communicate normally only when the **SIP passwords (Register passwords)** of the door station, indoor station and indoor extension are the **same**.

Wizard-Settings 3/4						
	Indoor Station Type				Indoor Station	>
	Floor					1
	Room No.					1
[SIP Password				Not Configured.	>
	Advanced Settings					>
	Indoor Extension Cottin					
		Previous	Next		Skip	
		Wizard-Se	ttings 3/1			
	Indoor Station Type	SIP register				>
	Indoor Station Type		password	¥		>
		SIP register	password	¥		·
	Floor	SIP register	password		Indoor Station	1
	Floor Room No.	SIP register	password bassword ord again			1
	Floor Room No. SIP Password	SIP register	password bassword ord again			1

2. Support three date formats, two clock format configuration (Time format only allows local modification)

1) Support three formats in Settings->General Settings->Time and Date interface, set yearmonth-day, day-month-year, month- day - year

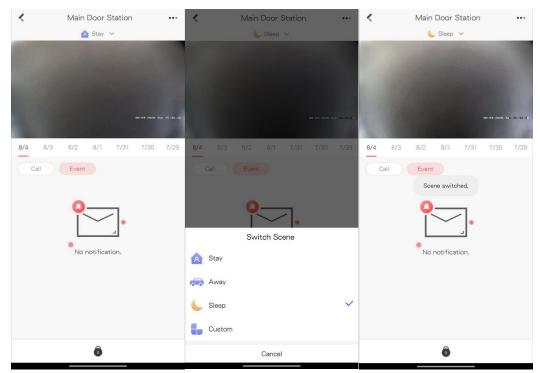
<	Time and Date		
Date Format	ſ	YYYY-MM-DD >	
Time Format		YYYY-MM-DD	
Time		DD-MM-YYYY	
Sync Time		MM-DD-YYYY	

2) Support the Settings->General Settings->Time and Date interface, set the 12-hour system, 24-hour system two formats, and the default setting is 24-hour system display.

<	Time and Date		
Date Format		YYYY-MM-DD	>
Time Format		24-Hour Time	>
Time		ur Time	\sim
Sync Time	12-Но	ur Time	

3. Multi-language added to 12 countries: English, French, Portuguese (Brazil), Spanish, Russian, German, Italian, Polish, Arabic, Turkish, Vietnamese, Ukrainian.

4. The indoor station supports remote scene switching through Hik-Connect, including four modes: Stay, Away, Sleeping and Custom.



When the indoor station is not currently configured with the arm/disarm password, the Hik-Connect switching scene will fail, and indoor station will send an error code to Hik-Connect App 5. Support whether to enable the call management center function, it is disabled by default 6. Support whether to enable the leave message function, it is disabled by default

1) In the Settings->More->Preference->Shortcut Settings interface

<	Shortcut Settings	
Call Elevator		
Alarm		
Call Management Center		
Leave Message		

7. Add the QR code of Hik-Connect App download address to the indoor station Hik-Connect configuration interface

\langle	Hik-Connect Ser	ver Settings	
Ē	Enable Hik-Connect Service		
	LBS Server		litedev.hik-connect.com
	Verification Code		BADR5S
	Hik-Connect Server Status		Disconnected
	Hik-Connect Download QR code	Add Device QR code	

Indoor Station local UI, SADP tool, Hik-connect support fluorite account unbinding

<	System Maintenance	í
Restore Default Settings		
Restore All		
Upgrade		
Unbound EZVIZ Account]	
Wizard		X

Hikvision Video Intercom v2.0 Protocol

The communication protocol between Hikvision devices uses a secure private call protocol, and the communication with 3rd party devices uses standard SIP;

1) Support setting period number, building number, unit number, and room number on the indoor station;

Wizard-Settings 3/4			
📖 Indoor Station Type	Advanced	d Settings	Indoor Station >
Room No.	Room No. 1 Community		1
SIP Password	1 Building Number		Configured >
Advanced Settings	1 Unit Number		>
Indoor Extension Setti	Cancel	ОК	
	Previous	Next	Skip

2) Support remote configuration of indoor extension information through the main indoor station;

<		Linl	k Indoor Stations		
Plea	se enter the serial	No.			Q
	C43693778 DS-KH8301-WT	10.9.96.77	11.5664.300	Activate	ŝ
	Q01822653 DS-KH6320-WTE1	10.9.96.18	V512634-88945	Activate	ŝ
	Q01754989 DS-KH6320-TE1	10.9.96.20	V2.1.10build 200713	Activate	袋

3) Standard SIP and private SIP integration:

a) The indoor station does not need to switch to SIP mode;

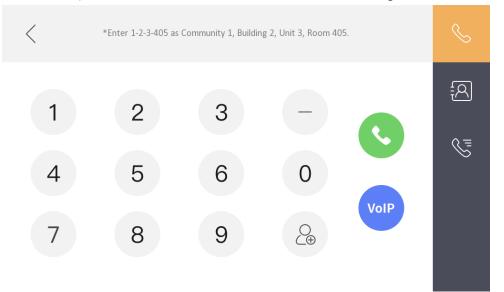
b) The standard SIP of the indoor station is disabled by default, if you want to connect to a third-party standard SIP device, you need to turn on this function.

<	SIP Settings	
Enable Standard SIP		
VOIP Account Setting		>

c) A standard SIP registration status icon is added to the main interface, which can be displayed/hidden according to whether standard SIP is enabled;



d) Added a VoIP call button in the call interface to distinguish standard SIP calls



4) Supports two audio formats, G.711U and G.711A. (And G.711U priority is greater than G.711A)

NOTE:

At present, the indoor station can support customization requirements of more than 5 extensions;
 The description of ONVIF in the local UI of the indoor station is uniformly changed to open network video interface.

3. The main indoor station and indoor extension must use the same firmware version. And starting from this firmware version, the 1st generation video intercom indoor station will not be compatible as a main indoor station or indoor extension to connect this 2nd generation firmware version system.