Video Intercom Module Door Station

V2.0.0_Build190228 Release Note

Firmware Version	Door station main unit device firmware: V2.0.0_190228
	Door station sub unit device firmware: V1.0.0 _190118
iVMS-4200 Version	V2.6.5.22 build20190122

Release model:

Model
DS-KD8003-IME1
DS-KD-KK
DS-KD-KP
DS-KD-M
DS-KD-E
DS-KD-IN
DS-KD-BK

Note: The configuration need to be set by product line iVMS client. The next iVMS Client version will

support module door station.

New function:

1 Modules free selection and connection:

1) All modules are in same size, support maximum 8 sub units (Standard POE IEEE 802.3af protocol: support external connection of 4 units; Additional 12V power supply which above 30W: support max 8 units);

2) Support surface mounting and flush mounting;

2. Multi language:

Supports 15 languages: English, France, Portuguese, Spanish, German, Italian, Polish, Hungarian, Dutch, Romanian, Bulgarian, Czech, Greek, Croatian, Serbian.

	Remote Configuration ×
🖃 🌚 System	System Maintenance
Device Information	System Management
@ Time	Reboot Restore Default Settings
🔅 System Maintenance	Restore All
🎡 User	Import Configuration File
- 🕲 Intercom	Export Configuration File
ID Configuration	Remote Upgrade
Time Parameters Access and Elevator Control	Select Type: Upgrade File v
IO Input/Output	Select File: "Upgrade
 Wolume Input/Output Dial 	Progress:
SubMode	Language
 	English v Save English + Portuguese Spanish Russian German Italian Dolish Arabic Turkish +

3、 Support DNS server and NTP server configuration

1) Configure DNS server IP address and NTP server IP address by client software.

2) Device does automatic timing correct to NTP server at regular period.

	Remote Configuration	×
🖃 🚳 System	Configuring the Time Settings (e.g., NTP)	
② Device Information	Time Zone	
🎡 General	Select Time Zone: (GMT+08:00) Beljing, Hong Kong, Perth, Singa 🗸	
🔅 Time	✓ Enable NTP	
System Maintenance User	Server Address: time.windows.com	
🗄 🚳 Intercom	NTP Port 123	
🖭 🚳 Network	Sync Interval: 1440 Minute(s)	
🕐 🚯 Video Display	✓ Enable DST	
	Start Time: April V First Week V Sun V 2	
	End Time: October 💙 Last Week 💙 Sun 💙 2 🏝 :00	
1	DST Bias: 60 min 🖌	
	Synchronization Save	

4. Room number setting:

- After added the device to iVMS-4200 client. Enter the device Remote Configuration -> Intercom -> Dial. You can set the main module button to corresponding room number.
- 2) 2) Enter the device Remote Configuration -> Intercom -> Sub Mode, you can check the online status of sub-module.

Remote Configuration ×	Remote Configuration ×
• System □ Device Information □ Device Information □ Device Information	Configure SubMode Information.

3) On the sub-module interface, you can find the nametag module, each button can set the corresponding room number. (Only nametag module support to be configured, other module such as Keyboard module does not need to be configured.)

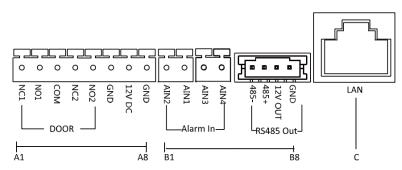
5、 Controlling two doors:

1) Configure door unlock duration and name of doors on iVMS-4200 client. The door name is only used to display in iVMS-4200 client;



		Remote Configuration	x
🖃 🚳 System	Configuring the Door	and Ladder Paramete	rs
Device Information	Access Control		
🎡 General		Upload Alarm for Not-Clo	osed Door
🎡 Time	Door No.:	1 ~	
🎡 System Maintenance	Door-unlocked Duration:	15	s
🎡 User	Door Name:	[]
🖃 🚳 Intercom		Encrypt Card	
ID Configuration		Save	
Time Parameters	Elevator Control		
🏶 Access and Elevator Control	Elevator No.:	1 ~	
iO Input/Output	Elevator Type:	DS-K2210 ~	
Wolume Input/Output	Negative Floor:	0	
🎡 Dial	_	Network Interface	
SubMode		Tip:All elevators should use	
- 🗞 Network		the same interface type.	
Local Network Configuration	Enable Or Not:	No	
Linked Network Configuration	Server IP Address:	0.0.0.0	
FTP Settings	Server Port:	0	
Advanced Settings	User Name:		
🖃 🚳 Video Display	Password:		
Wideo Parameters		Save	
🎡 Video & Audio			

2) Door magnetic connected to AIN1 detects status of the lock that connected to NC1/NO1; Door magnetic connected to AIN2 detects the status of the lock connected to NC2/NO2.



3) Lock should be powered by itself. Max voltage and current for relay is 30V and 1A.

6, Door phone mode setting:

Door station can work as door phone without change working mode. Directly add door station's IP address on indoor station's local interface or by iVMS:

Device Type: Indoor Station Master Station IP Address: 0.0.0 (Main) Door Station IP Address: 192.168.1.21 SIP Server IP Address: 0.0.0 Security Control Panel IP Address: 0.0.0 Security Control Panel IP Address: 0.0.0 Doorphone IP Address: 192.168.1.22 Main Door Station Type: Main Door Station (D ▼	d Network Configuration	
(Main) Door Station IP Address: 192.168.1.21 SIP Server IP Address: 0.0.0.0 Security Control Panel IP Address: 0.0.0.0 Security Control Panel Port No.: 0 Doorphone IP Address: 192.168.1.22	Device Type:	Indoor Station
SIP Server IP Address: 0.0.0.0 Security Control Panel IP Address: 0.0.0.0 Security Control Panel Port No.: 0 Doorphone IP Address: 192.168.1.22	Master Station IP Address:	0.0.0.0
Security Control Panel IP Address: 0.0.0.0 Security Control Panel Port No.: 0 Doorphone IP Address: 192.168.1.22	(Main) Door Station IP Address:	192.168.1.21
Security Control Panel Port No.: 0 Doorphone IP Address: 192.168.1.22	SIP Server IP Address:	0.0.0.0
Doorphone IP Address: 192.168.1.22	Security Control Panel IP Address:	0.0.0.0
	Security Control Panel Port No.:	0
Main Door Station Type: Main Door Station (D 🔻	Doorphone IP Address:	192.168.1.22
	Main Door Station Type:	Main Door Station (D 🔻

7. Support video related configuration:

- Enter video & audio option from remote configuration on 4200, it supports configuration of video related option, including basic configuration like resolution of main/sub stream, frame type, WDR switch;
- 2) Frame type: P/N (P defaulted); WDR: On/Off (Off defaulted)

Device Information					
🎡 General					
🎡 Time					
🎡 System Maintenance					
🎡 User					
🚯 Intercom					
letwork					
💰 Video Display					
🕼 Video Display					
March 1997	•				
🔅 Video Parameters	•				
🌸 Video Parameters	Camera No.:	1	~	Brightness:	
🍪 Video Parameters	Camera No.: Format			Brightness:	
🌸 Video Parameters	Format				
	Format	PAL	~	Contrast:	

3) Configuration of main/sub stream

		Remote Config	uration			_	
🖃 🚳 System	Configuring the la	nage Quality, R	esoluti	on and Other Para	neters of the Cam	era	
Device Information	Video						
🎡 General	Stream Type:	Main Stream	~	Video Type:	Video & Audio	~	
🎡 Time	Bitrate Type:	Variable	~	Max Bitrate:	2048 Kbps 🗸		
System Maintenance User	Video Quality:	Medium	~	Resolution:	HD720P(1280*720)	~	
🔮 🚳 Intercom	Frame Type:	P	~	Frame Rate:	25fps	~	
🖭 🚳 Network	I Frame Interval:	50	:	Audio Encoding Type:	G711_U	~	
🖃 🚳 Video Display	Video Encoding Type:	STD_H264	~	Video Encoding Co	Lowest	~	
🎡 Video Parameters	File Size Per Day:	21.0G					
😨 Video & Audio							
	Copy to						Save

4) Configuration of backlight compensation.

🗌 🚳 System	Back Light Compensati	on	
Device Information			
🎡 General	Camera:	Camera1	~
@ Time	BLC Mode:	Off	~
System Maintenance		Off	
William System Multicentinee		Up Down	
🗄 🍪 Intercom		Left Right	
🗄 🍪 Network		Center	
🗄 🚷 Video Display			
- 🚳 CCD			
Back Light Compensation			



5) Configuration of motion detection.

		Remote Configuratio	n		
- 🔇 System	Configuring the	Motion Detection			
 Device Information General Time System Maintenance User Intercom ID Configuration Time Parameters Permission Password Access and Elevator Control ID Input/Output Volume Input/Output Dial Motion Detection 	Mode A:	Normal Mode		nable Motion Detection	
Intercom Protocol Sub Module					Save

Notice:

1. Main unit is not supported to be configured as outer door station;

2. Before use sub-module, please configure DIP switch of sub unit, two sub-modules cannot be set as the same DIP switch address;

3. On the condition of multi module connection, ground line needs to be connected;

4. Illegal card alarm function is not supported;

5. The device does not support the use of private passwords or duress passwords to open the door in standard SIP mode. Only public passwords can be used.

6. The default room number of the main module is changed to 1. The default room number of the nametag module is 2, 3, 4, 5, 6, and 7;

7. Pressing * key of the keyboard module can hang up calls, while pressing call button twice will not hang up calls;

8. The card reader module does not support to issue card by iVMS-4200, only support to issue card locally.

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after

upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for

any possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

Note:

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