HIKVISION

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Preparation

- 1. Latest iVMS-4200 version
- 2. Download link: https://www.hikvision.com/au-en/Support/Downloads/Client-Software
- 3. Upgrade the firmware to the latest before you start to program it. The latest firmware is V1.5.0build190220 (Please note that DS-KB8112-IM's latest is v 1.4.5_190220)

How to configure HIK intercom(Villa system)

1. Wiring all the devices as per below.



- 2. Using iVMS-4200 to add door station via TCP/IP and program it
 - 1) Open iVMS-4200, and then activate the device first. Modify the Netinfo to same LAN of the router.

Online Device (8)							🕂 Refres
+ Add to Clien	t 🕂 Add All 🛛 M	lodify Netinfo 🛛 🦘 Reset Pa	assword 🌻	Activate			Filter	
IP	Device Type	Firmware Version	Security	Server Port	Device Serial	Start Time	Added	Support Hi
192.0.0.65	DS-KV8102-IP	V1.5.0build 180925	Inactive	8000	DS-KV8102-IP	2018-04-11 22:58:46	No	N/A
Online Device	9 (8)							
+ Add to C	lient 🕂 Add All	Modify Netinfo	🕇 Reset Pa	ssword 🔮 Activ	/ate			
IP Î	Device Type	Firmware \	/ersion	Security	Server Port	Device Serial	Start Time	
192.0.0.65	DS-KV8102-IP	V1.5.0build	180925	Active	8000	DS-KV8102-IP	2018-04-11	22:58:46

2) Add the device to the software client.



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	Opling Davies (9)				
	Online Device (8)				

		Modily Neurito () Reservas		cuvate			
IP	Device Type	Firmware Version	Security	Server Port	Device Serial	Start Time	
102.0.0.65	DC VV/9102 ID	V1.5 0build 180925	Active	8000	DS-KV/8102-ID	2018-04-11 22:58:46	

3) Once the device has been added, then click 'Remote Configuration'.

Device for Management (1)	
🕂 Add 🗹 Modify 🗙 Delete	Remote Configuration 🗱 QR Code 🛛 🔮 Activate 👔
Device Type Nickname	Connectio Network Paramet Device Serial N
Door Station Villa door station 1	TCP/IP 192.0.0.65:8000 DS-KV8102-IP(

4) Select 'Time' and set up the time zone, NTP, DST accordingly.

🕼 System	Configuring the Time Settings (e.g., NTP)	
🎡 Device Information	Time Zone	
🎡 General	Select Time Zone: (GMT+10:00) Canberra, Guam, Melbourne, Syd 👻	
🏶 Time	Enable NTP	
🎡 System Maintenance		
🎡 User	Server Address: au.pool.ntp.org	
🎡 RS485	NTP Port. 123	
🚳 Intercom	Sync Interval: 60 Minute(s)	
🚳 Network	Enable DST	
	Start Time: April v First Week v Sun v 2 : 00	
	End Time: October V Last Week V Sun V 2 . : 00	
	DST Bias: 60 min V	
		Save
	SDK Synchronization	

5) Select 'Intercom' > 'Dial' from the left menu.

If your villa door station has multiple buttons, then you will need to do this for each of the buttons. For example, button 1 is configured to call house 101, button 2 is configured to call house 102.

If you are using a single button villa door station, please skip this step.

If you enable "quick press to call center", it will call the concierge/master station or iVMS-4200 instead of calling the indoor station.



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Image: Configuring the Key Call Room Parameters Image: Configuring the Key Call Room Parameters		Remote Configuration
Intercom	System System System General System Time System Maintenance Syster	Configuring the Key Call Room Parameters Dial Number: 1 Room No: 101 Quick Press for Calling Center
	 User RS485 Intercom ID Configuration Time Parameters Access and Elevator Control 	Save
	 Intercom Protocol 	

3. Using iVMS-4200 to set up main indoor station

1) Select the indoor station in the iVMS-4200 and then click on 'Add to Client'.

Online Device	(8)			
+ Add to Cli	ient 🕂 Add All [🗹 Modify Netinfo 🛛 🦘 Reset Pa	ssword 🔮 Ac	tivate
IP	Device Type	Firmware Version	Security	Server Port
192.0.0.66	DS-KV8202-IM	V1.5.0build 180925	Active	8000
192.0.0.70	DS-KH6310-W	V1.5.0build 180925	Active	8000

2) Go to remote configuration and set up the "time" for the indoor station as well.

🖃 🚳 System	Configuring the Time S	ettings (e.g., NTP)	
② Device Information	Time Zone		
🎡 General	Select Time Zone: (G	MT+10:00) Canberra, Gua	m Melbourne Svd
🔅 Time	Fnable NTD		
🎡 System Maintenance			
🎡 User	Server Address: au	u.pool.ntp.org	
@ RS485	NTP Port: 12	23	
🖭 🚳 Intercom	Sync Interval: 60)	Minute(s)
🖭 🚳 Network	Enable DST		
	Start Time: Ap	oril 🗸 First Week	✓ Sun ✓ 2 ∴ :00
	End Time: O	ctober 🖂 Last Week	✓ Sun ✓ 2 ▲ :00
	DST Bias: 60) min 🗸 🗸	
	SDK Synchronization		Save
	Synchronization		



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 Select 'Intercom' > 'ID Configuration' from the left side menu and then enter in the room number that was used while setting up the door station. Then click save. Floor NO is for lift control use only. So we don't need to set up the floor NO here.

🖃 🚳 System	Configuring the Room Numbers
Device Information	Device No. Configuration
🎡 General	Device Type: Indoor Station
🎡 Time	Room No : 101
🎡 System Maintenance	
🎡 User	
🎡 RS485	Save
🖃 🌚 Intercom	
🔅 ID Configuration	
🎡 Time Parameters	
Permission Password	

4) Select 'Network' > 'Linked Network Configuration' from the left side menu, and then enter in the door station IP address.

Change the 'Main Door Station Type' to 'Main Door Station (V Series)'. Because "V" means villa door station .And "D" means apartment door station.

Then click Save.

Remote Configuration ×					
🖃 🚳 System	Configuring the Network and Sip Pa	Configuring the Network and Sip Parameters			
Device Information	Linked Network Configuration				
🎡 General	Device Type:	Indoor Station 👻			
🎡 Time	Master Station IP Address:	0.0.0.0			
🎡 System Maintenance	(Main) Door Station IP Address:	192.0.0.65			
🎡 User	SIP Server IP Address:	0.0.0.0			
RS485	Security Control Panel IP Address:	0.0.0.0			
🖃 🚳 Intercom	Security Control Panel Port No.:	0			
ID Configuration	Doorphone IP Address:	0.0.0.0	-		
🎡 Time Parameters	Main Door Station Type:	Main Door Station (D			
Permission Password		Main Door Station (V Serie)			
🎡 Zone Alarm			-		
🎡 IP Camera Information					
🎡 Volume Input/Output					
🎡 Ring Import					
Arming Information					
🎡 Intercom Protocol					
🖃 🚳 Network					
Local Network Configuration					
🔹 🎲 Linked Network Configuration					
Advanced Settings					

5) The Main room station is now setup and the room station will now ring when the doorbell has been pressed.

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4. Setting up a sub indoor station(If there is only 1 indoor station in the whole system, please skip this step)

1) Select another indoor station in the iVMS-4200 and then click on 'Add to Client'.

Online Device (8))				
+ Add to Clien	t 🕂 Add All	🗹 Modify Netinfo	🥎 Reset Pas	sword 🔮 Ac	tivate
IP	Device Type	Firmware	Version	Security	Server Port
192.0.0.70	DS-KH6310-W	V1.5.0bui	ld 180925	Active	8000
192.0.0.71	DS-KH6310-W	V1.5.0bui	ld 180925	Active	8000

2) Select the indoor station from the list up the top, and then click 'Remote Configuration'.

Device for Management (3)			
🕂 Add 🗹 Modify 🗙 Delete	🏶 Remote Configu	ration 🏙 QR Code	Activate <u>1</u> Upgrade (0)
Device Type Nickname	Connectio	Network Paramet	Device Serial No.
Door Station Villa door station 1	TCP/IP	192.0.0.65:8000	DS-KV8102-IP0120160411WR591273676CLU
Indoor Sta Indoor 1	TCP/IP	192.0.0.70:8000	DS-KH6310-W0120170905WR829827476CLU
Indoor Sta indoor station 2	TCP/IP	192.0.0.71:8000	DS-KH6310-W0120170905WR829827611CLU

3) Select 'Intercom' > 'ID Configuration' from the left side menu.

You can have up to 5 sub room stations per system. (1 main room station + 5 sub room station. total of 6 room stations)

Change the Device Type to 'Station Extension' since this is a sub room station we are adding. Each sub room station needs to be set as:

Room Station 1: This is the main Room Station

- Room Station 2: No = 1
- Room Station 3: No = 2
- Room Station 4: No = 3
- Room Station 5: No = 4
- Room Station 6: No = 5

Once the No. and station extension has been set, press Save.

_		
	System System Device Information General System Maintenance User Sex RS485	Configuring the Room Numbers Device No. Configuration Device Type: Station Extension Serial No.: 1 Save
	😳 User	
	🔤 🚳 Intercom	
	ID Configuration Image: Second Sec	
	Permission Password	

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4) The indoor station needs to reboot after pressing save. Click on OK to reboot the device. Wait until the room station reboots before continuing.



5) Re-select the room station from the list up the top, and click 'Remote Configuration'.

Device for Management (3)			
🕂 Add 🗹 Modify 🗙 Delete	Remote Configu	ration 🎇 QR Code	Activate <u>1</u> Upgrade (0)
Device Type Nickname	Connectio	Network Paramet	Device Serial No.
Door Station Villa door station 1	TCP/IP	192.0.0.65:8000	DS-KV8102-IP0120160411WR591273676CLU
Indoor Sta Indoor 1	TCP/IP	192.0.0.70:8000	DS-KH6310-W0120170905WR829827476CLU
Indoor Sta indoor station 2	TCP/IP	192.0.0.71:8000	DS-KH6310-W0120170905WR829827611CLU

 Select 'Network' > 'Linked Network Configuration' from the left side menu. Change the 'Main Indoor Station IP' to the IP address you used in the main room station. Then click Save.

Remote Configuration ×				
🖃 🚳 System	Configuring the Network and Sip Parameters			
Device Information	Linked Network Configuration			
🎡 General	Device Type: Station Extension			
🎡 Time	Main Indoor Station IP: 192.0.0.70			
System Maintenance	Save			
🎡 User				
@ RS485				
🕐 🚳 Intercom				
🖃 🚳 Network				
Local Network Configuration				
Linked Network Configuration				
Advanced Settings				

7) The Main room station is now setup and the room station will now ring when the doorbell has been pressed. You need to do this for each of the sub room stations you are adding to the system. To call the extension 1 from master room station, just need to input "0-1" in the master station and press dial

To call the master room station from extension, just need to input "0-0" in the extension and press dial

5. Setting up APP connection

- 1) Search and Download the APP "HIK-Connect "
- 2) Before adding the device to APP, run a hardwired cable from the Lan port of video distributor to the router, or enable the Wi-Fi of the indoor station. Given that it requires a stable Wi-Fi connection, hard wired connection is more recommended. System layout as per below.



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3) Go to the APP "HIK-Connect", there is "plus" button in the home page. Press it and then choose "scan QR Code" or "Manual Adding" to add the device.

•••• voo	datone	AU 🗢 4:58 PM	@ 🕈 48% 🛄
Ē	Ċ	€	+
>		VIS(617 876)	Scan QR Code
	0	DS-2CD4026FWD-AF	Manual Adding
>	0003	DS-7604NI-E1-4P(57:	
		VIS(59054 1)	
		VIS(5905 5)	
		VIS(61763	
		VIS(6235: 264)	
		apt 1	
		apt 2	
		customvilla	
☆		Start Live View(o) (c
	1 Home	Message	o o o More

4) In the back of indoor station, there is a "SN" number and also QR code(only the model with "W" would have the QR code). QR code is for scanning to add. SN is for manual adding



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5) Here we use manual adding. Input the SN number and then press the button on the top right corner to continue.

•	l vodafone AU 🗢	4:58 PM	
÷		Add Device	R
	Adding Type	Hik-Connect Domain	>
	Serial No.		

6) Press "add" to finish adding room station to the APP.



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