Editor's Note

This Manual is currently in a Draft state and is subject to change, if you have any issues while using this manual please call our office at +61 (3) 9432 8000

Hikvision Intercom Set-up Manual

What you will need:

- Hikvision Intercom
- Hikvision Indoor Station
- Hikvision Cameras (Optional)

You will need to install the following software:

iVMS-420 - This can be found on the CD that comes with the Intercom

Setting up Hikvision Intercom

Step 1 – Connecting All Your Devices

The Hikvision Intercom does not give a physical notification to say that the device has actually been powered successfully. Therefore, to confirm it has been powered you will need to Press the Call Button, at which point you should hear the intercom say 'Call Failed'.

Step 2 – Activation and Setting IP's

When your Hikvision Indoor Station boots for the first time it will prompt you for a new Password. Once you have confirmed your password the unit will have activated itself. However, you will then need to launch iVMS-4200 to activate your Intercom, and then navigate to **Device Management.**



Select Server from the top Bar.



At the bottom of the page you should see an area called **Online Device**, in that section you will see a Device, select the Device by clicking on it then press **Activate**.

Online Devi	ice (3)	•	Refresh Ev	very 60s		
+ Add to	Client 🕂 Add A	ll 🗹 Mod	lify Netinfo	🥎 Reset Pa	assword 🅊	Activate
IP	🚔 Device Type)	Firmwar	e Version	Security	Server Port
	DS-2CD214	2FWD-I	V5.4.5bu	iild 170124	Active	8000
	DS-2CD214	2FWD-I	V5.4.5bu	iild 170124	Active	8000
	DS-KV8102	-IM	V1.4.72t	ouild 180621	Active	8000

You will be prompted to activate the device by creating a password for it, then you are able to move to the next step.

Next, you will need to change its IP, select the device then press Modify Netinfo.

Online Device (3)	Refresh Every 60s		
🕂 Add to Client 🛛 🕂 Add All	🗹 Modify Netinfo 🦘 Rese	et Password 🛛 🌻 Ad	ctivate
IP 🔶 Device Type	Firmware Version	Security	Server Port
DS-2CD2142FW	D-I V5.4.5build 170124	4 Active	8000
DS-2CD2142FW	D-I V5.4.5build 170124	4 Active	8000
DS-KV8102-IM	V1.4.72build 1806	21 Active	8000

The menu below will pop up with this screen which allows you to change the devices IP Address. Change the IP to something on your subnet, and press OK after filling in your password. **Do not activate DHCP, this can cause issues down the line.**

	Modify Network Parameter	×
Device Information:		
MAC Address:		Сору
Software Version:	V1.4.72build 180621	Сору
Device Serial No.:		Сору
Network Information:		
Port:	8000	
Save IPv4 Settings		
IP Address:	XXX.XXX.XXX.XXX	
Subnet Mask:	255.255.255.0	
Gateway:	XXXX.XXXX.XXXX.XXXX	
Save IPv6 Settings		
Password:		
	ОК	Cancel

Now we need to activate your Intercom and you will need to do the same with your Indoor Station. To configure you Indoor Station you will need to add a new device type to iVMS-4200, this can be done on the left side of the screen located in **Organization**.

Organization			
Encoding Device/Door Sta			
+ Add New Device Type			

On the screen below tick the 'Indoor Station/Master Station' box.

	Add New Device Type ×
Select Device Type for the Client:	
Device Type:	
Encoding Device/Door Station	Storage Server
Stream Media Server	Decoding Device
Cascading Server	Transcoder
EZVIZ Cloud P2P Device	Video Wall Controller
Security Control Panel	Indoor Station/Master Station
Device Type Instruction	×
	OK Cancel

After doing so you will have another option under **Organization**.



Select this and you will be able to see your Indoor Station under **Online Devices**. Then, once again select the device and click **Modify Netinfo**.

	Modify Network Parameter			×
Device Information:				
MAC Address:			Сору	
Software Version:	V1.4.72build 180621		Сору	
Device Serial No.:			Сору	
Network Information:				
IP Address:	XXX.XXX.XXX.XXX			
Port:	8000			
Subnet Mask:	255.255.255.0			
Gateway:	XXX,XXX,XXX,XXXX			
Password:				
		ОК	Cancel	

Step 3 – Configuring the Link.

You will now need to Add your devices so we can change their settings, firstly select the intercom and press **Add to Client**, Fill in the credentials in the interface

	Add	×
Adding Mode:		
IP/Domain IP Segmen	t O Hik-Connect O Batch Import	O IP Server O HiDDNS
Add Offline Device		
Nickname:	Front Intercom	
Address:	XXX.XXX.XXX.XXX	
Port	8000	
User Name:	admin	
Password:	•••••	
Export to Group		
Set the device name as connected to the device	the group name and add all the channels to the group.	
		Add Cancel

Once you have added the device you it will now appear in the section **Device for Management**, select the Unit then press **Remote Configuration** which will be a gear symbol.

Device for Management (1)							
+ Add Device	🛛 Modify 🛛 🗙 Delete	🏟 Remote Configuration	謎 QR Code	Activate	Online Users	🕂 Refresh All	
Nickname 🔺 IF	Devic	e Serial No.		Security	Net St	HDD Status	
Intercom				Strong	0	٥	

Navigate through the menus to Intercom, and then select ID Configuration under its sub categories.



Change the **Device Type** to 'Doorphone', once you save the changes the unit will reboot.

Once your unit has rebooted, access the **Remote Configuration** and navigate to **Network** then **Linked Network Configuration**, and Input the IP Address of your indoor station.

	Remote Configuration ×
System	Configuring the Network and Sip Parameters
	Device Type: Doorphone
Elinked Network Configuration	Main Indoor Station IP: Save
🛃 🚳 Video Display	

Now we move back to the indoor unit. Once again access **Remote Configuration**, then under the devices settings, enter the **Network** tab and locate **Linked Network Configuration**. Here you will need to change the following settings so that the Intercom can correctly connect to the Indoor Station.

Master Station – Indoor Station IP (Main) Door Station – Intercom IP SIP SERVER – 0.0.0.0 Security Control Panel – 0.0.0.0

💿 🚳 System	Configuring the Network and Sip Parameters			
🛃 🚳 Intercom	Linked Network Configuration			
🖃 🚳 Network	Device Type:	Indoor Station 💌		
Local Network Configuration	Master Station IP Address:	INDOOR STATION		
Linked Network Configuration	(Main) Door Station IP Address:	DOOR INTERCOM		
🕑 🚳 Video Display	SIP Server IP Address:	0.0.0.0		
	Security Control Panel IP Address:	0.0.0.0		
	Security Control Panel Port No.:	8000		
	Main Door Station Type:	Main Door Station (V S		
	Connect Mode:	Same Network 💌		
		Save		

At this point you should be able to use the Intercom to call through to your Indoor Station, and also be able to view the Intercoms camera though the Indoor Station.

Connecting Hikvision Cameras

This guide assumes you already have your system set-up and have your cameras running accordingly.

If you have not please see the Hikvision Set-up manual.

Assigning Cameras to Indoor Unit

To do this you will need to view the indoor units settings though the IVMS-4200 program, once you have opened the program navigate to **Device Management**, locate the Indoor Unit and press **Remote Configuration.**

Device for Management (1)					
🕂 Add Device 🛛 Modify	🗙 Delete 🔅 Remote Configuration 🇱 🤅	QR Code 🛛 🔮 Activate 🛛 Online U	Jsers 💽 😯 Refresh All		
Nickname 🔺 IP	Device Serial No.	Security	Net Status HDD Status		

Under **Remote Configuration** navigate to **Intercom** \rightarrow **IP Camera Information** and then press **Add**.

🕑 🍪 System	IP Camera Information				
🖃 🚳 Intercom	IP Camera Information	IP Camera Information			
ID Configuration Time Parameters	Add Modify	Delete Export	Import		
Permission Password	Index Device Name	Getting Stream URL	Manufacturer Protocol		
🎡 Zone Alarm					
IP Camera Information					
Wolume Input/Output					
🎡 Ring Import					
💿 🚳 Network					
🕑 🌚 Video Display					

Fill in the following information:

Device Type:	Network IP Camera			
Getting Stream Mode:	Direct 🗸			
Device Name:	Camera Name			
IP Address:	XXX.XXX.XXX.XXX			
Port:	554			
User Name:	Username			
Password:	•••••			
Manufacturer Protocol:	HIK Protocol 🗸			
	OK Cancel			

The port is the RTSP port of your camera, by default Hikvision uses 554.

Once you have done that there should be a new camera on your Indoor Station which will bring up a stream of that camera.

Please note - unless you have changed the live view time on the Indoor Station, the camera will only stay active for 30 seconds.

Add Intercom to Hik-Connect

Instead of adding the Intercom itself, you add the Indoor Station so the Intercom connects. All the following steps are for adding the indoor station.

This guide assumes that you have already made a Hikvision Account

Firstly you will need to Add the Indoor Station, press the Plus symbol at the top right of your app.

•••o vodafo	one AU ຈີ 2:39 PM	券 56% वि № /
۵ 🗄	E Q	⊞
My Device		
\odot	\leq	000
Hik-Connec	t Notification	More

Select how you wish to add the device, I would advise scanning the QR Code as it is the simplest option. You can find the QR code of the Indoor Station on the back of the device.

		1	●●●○○ vodafone AU 🗢 2:50 PM		∦ 59% 💶 •
	Scan QR Code		÷	Results	
Ď	Manual Adding			HIKVISION	
\bigcirc	Online Device		DS	Add)
\overleftrightarrow	Add to Favorites				

Once you have scanned the QR code you will see the screen on the right, you'll be asked if you wish to rename the device.

Once you have done this you will be able to view the Intercom through your phone, as well as push notifications from the Intercom.