

# Setting Up 104-830 For The First Time

## Introduction

This tech guide will step you through the steps to set up the HikVision DS-KD8102-V for the first time. It will also include how to setup the room stations.

## Before you begin

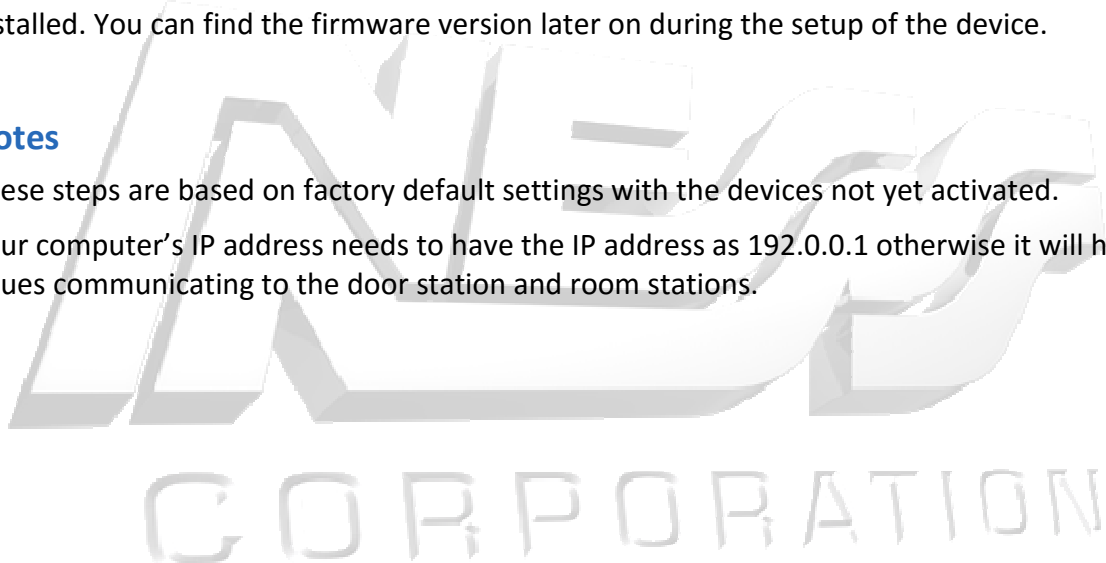
Ensure you have the iVMS software version 2.4.2.51 Build 20160818 installed on your computer. This can be downloaded from the Ness Website.

Before you program your door and room stations ensure you have version 1.4.0 or later installed. You can find the firmware version later on during the setup of the device.

## Notes

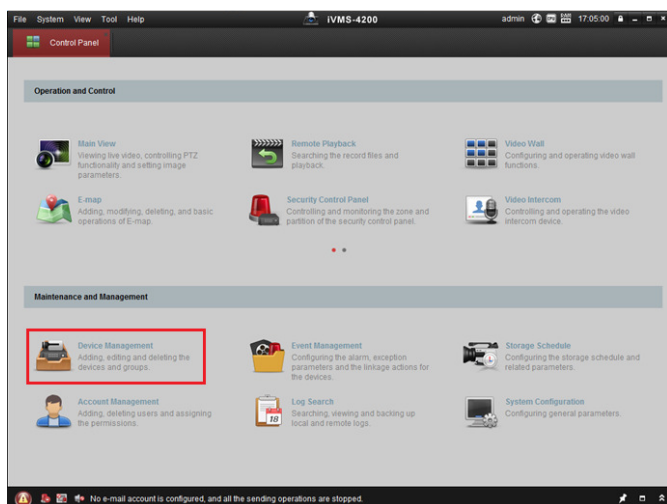
These steps are based on factory default settings with the devices not yet activated.

Your computer's IP address needs to have the IP address as 192.0.0.1 otherwise it will have issues communicating to the door station and room stations.

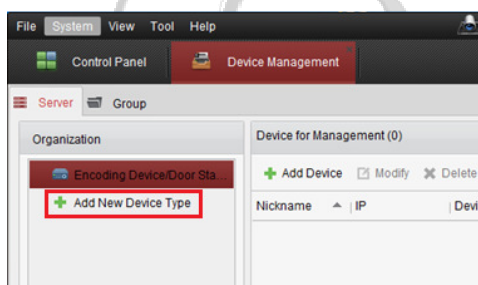


# 1.1 Setting up the iVMS

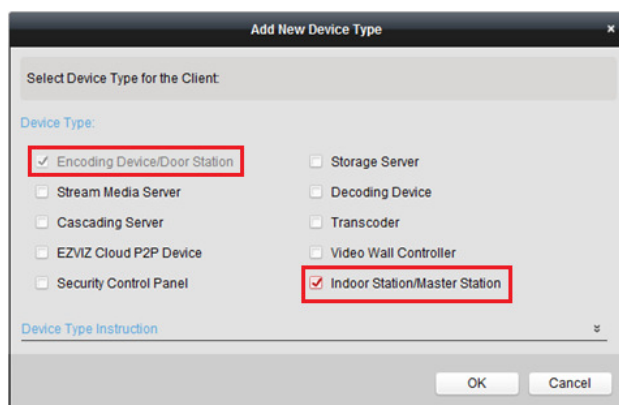
1. Click on 'Device Management'.



2. Click on 'Add new Device Type' from the left side menu.



3. Ensure that 'Encoding Device / Door Station' and 'Indoor Station / Master Station' is ticked and click on OK.



## 1.2 Setting up Building Door Station

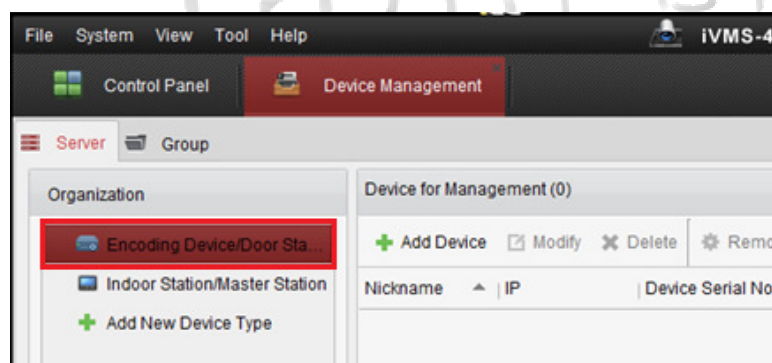
1. Connect a LAN cable into the Apartment door station (LAN 1 port) and connect it to your network.

**Note**, Do not connect the Apartment door station to a PoE port otherwise you will void your warranty.

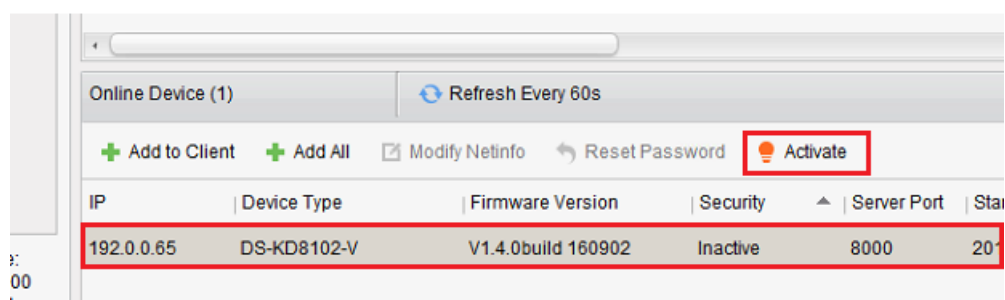


2. Power up the Apartment door station.

3. Select 'Encoding / Device / Door Station' from the left menu in iVMS.

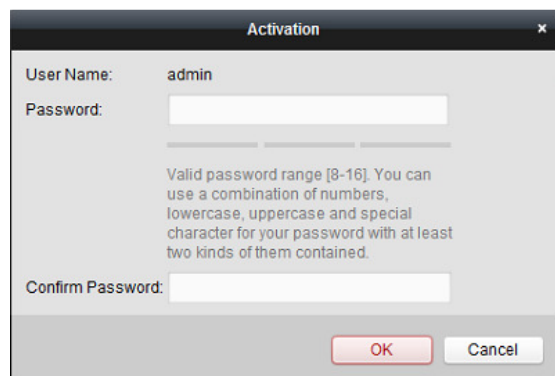


4. Select your Apartment Door station from the bottom section and then click 'Activate'.



5. When prompted, enter in a password for this door station. This can be anything you want. You can use the same password as you use to login to iVMS which will make it easy to remember.

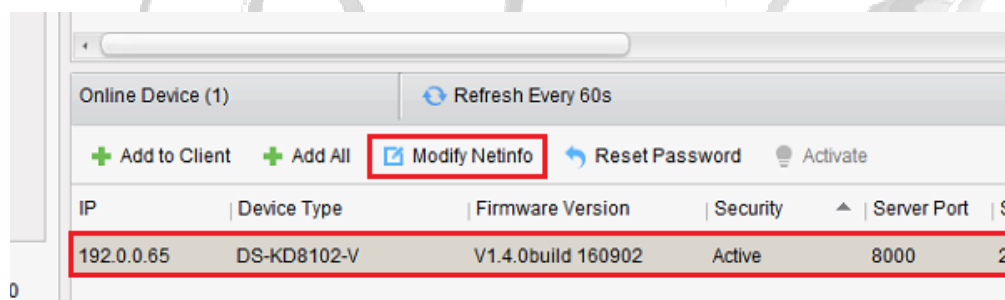
If you ever want to reconfigure this door station at a later time, you will need to know this password.



The 'Activation' dialog box contains the following fields and text:

- User Name: admin
- Password: [Empty text box]
- Confirm Password: [Empty text box]
- Text: Valid password range [8-16]. You can use a combination of numbers, lowercase, uppercase and special character for your password with at least two kinds of them contained.
- Buttons: OK, Cancel

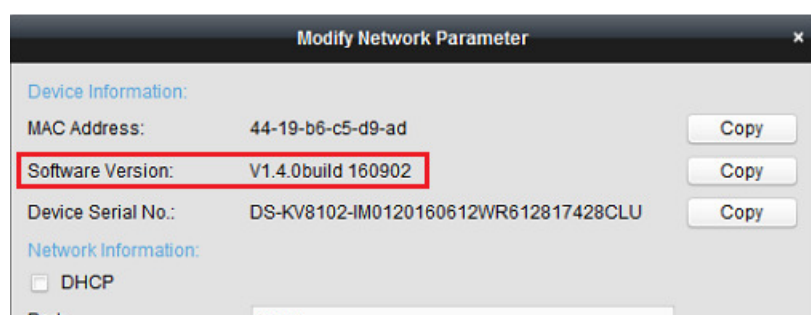
6. Click on the door station from the bottom section and click on 'Modify NetInfo'



The screenshot shows a web interface with a table of online devices. The 'Modify NetInfo' button is highlighted in the top toolbar, and the first row of the table is highlighted in red.

IP	Device Type	Firmware Version	Security	Server Port	S
192.0.0.65	DS-KD8102-V	V1.4.0build 160902	Active	8000	2

7. Make sure the software version is v1.4.0 or above before continuing. If it's not then you will need to update the firmware before setting up the system. Refer to the firmware update tech note for steps on how to update the firmware.



The 'Modify Network Parameter' dialog box displays the following information:

- Device Information:**
  - MAC Address: 44-19-b6-c5-d9-ad [Copy]
  - Software Version: V1.4.0build 160902 [Copy]
  - Device Serial No.: DS-KV8102-IM0120160612WR612817428CLU [Copy]
- Network Information:**
  - ☐ DHCP

8. Up to 8 Apartment door stations can be added to the system.

Enter in the IP address for the building door stations.

Use the following IP addresses as it will make it easier for later on:

Apartment Door Station 1 = 192.0.0.2

Apartment Door Station 2 = 192.0.0.3

Apartment Door Station 3 = 192.0.0.4

Apartment Door Station 4 = 192.0.0.5

Apartment Door Station 5 = 192.0.0.6

Apartment Door Station 6 = 192.0.0.7

Apartment Door Station 7 = 192.0.0.8

Apartment Door Station 8 = 192.0.0.9

Once the IP address is set, enter in the password at the bottom which you used to activate it. Then click on OK.

Modify Network Parameter

Device Information:

MAC Address: 44-19-b6-c5-71-47 Copy

Software Version: V1.4.0build 160902 Copy

Device Serial No.: DS-KD8102-V0120160516WR603304577CLU Copy

Network Information:

Port: 8000

☒ IPv4(Don't Save)

IP Address: 192.0.0.2

Subnet Mask: 255.255.255.0

Gateway: 192.0.0.1

Password: [redacted]

OK Cancel

9. Select the Door station from the bottom section and then click on 'Add to Client'.

Online Device (1) Refresh Every 60s

[+ Add to Client](#) [+ Add All](#) [Modify Netinfo](#) [Reset Password](#) [Activate](#)

IP	Device Type	Firmware Version	Security	Serv
192.0.0.2	DS-KD8102-V	V1.4.0build 160902	Active	8000

10. Now you need to set some settings for this door station.

**Nickname** – Give the door station a name. In my example, it's going to be called 'Door 1'.

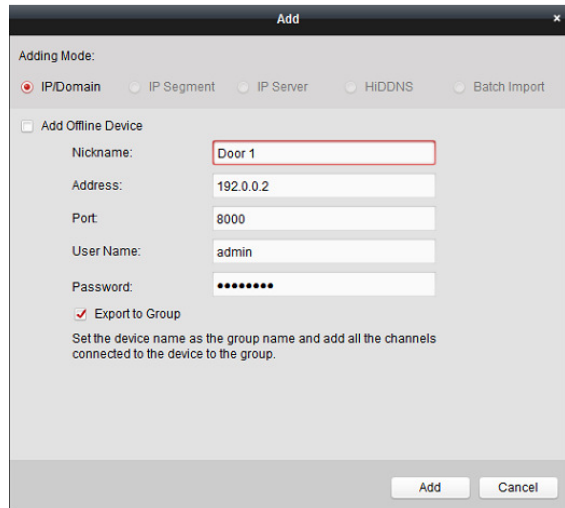
**Address** – Leave the IP address as it is

**Port** – Leave this as port 8000

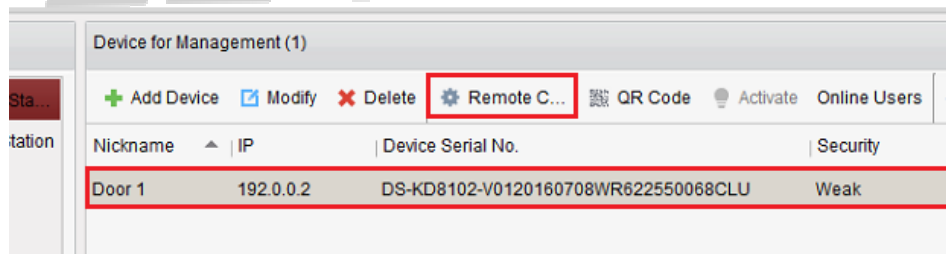
**Username** – set this as admin

**Password** – Enter the password you used to activate the door station

Leave the Export to group ticked, once the above is set click on Add.

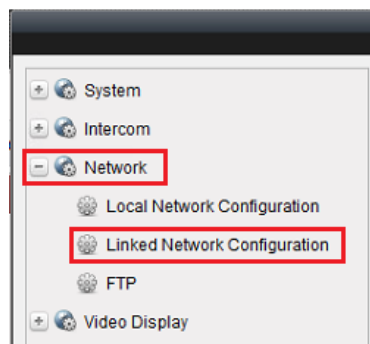


11. Select the Door station from the top list, and click on 'Remote Configuration' from along the top.

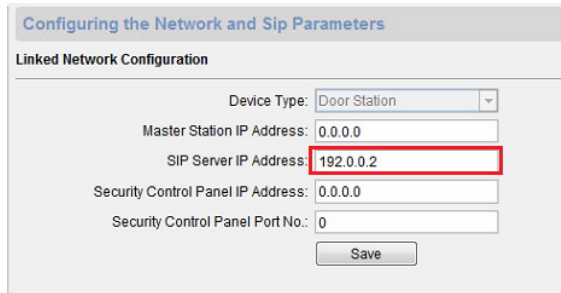


Nickname	IP	Device Serial No.	Security
Door 1	192.0.0.2	DS-KD8102-V0120160708WR622550068CLU	Weak

14. Click on 'Network' > 'Linked Network Configuration' from the left menu.



15. Change SIP Server IP Address to **192.0.0.2** and leave the rest as default and then click Save.



16. Close the remote configuration screen.

## Room Station Setup

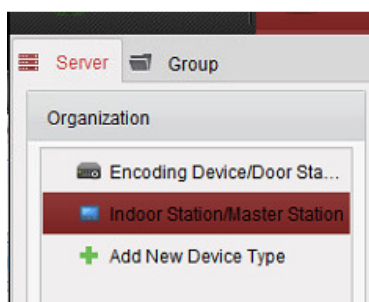
The following needs to be done for each of the room stations you are connecting to the system. It's recommend you only connect one room station in at a time while setting it up. This way it will make it easy to work out which room station you are configuring.

1. Connect a LAN cable into the room station and connect it to your network. If you plug it into a PoE (24v) switch it should then power up, otherwise connect a separate power supply to power it up.

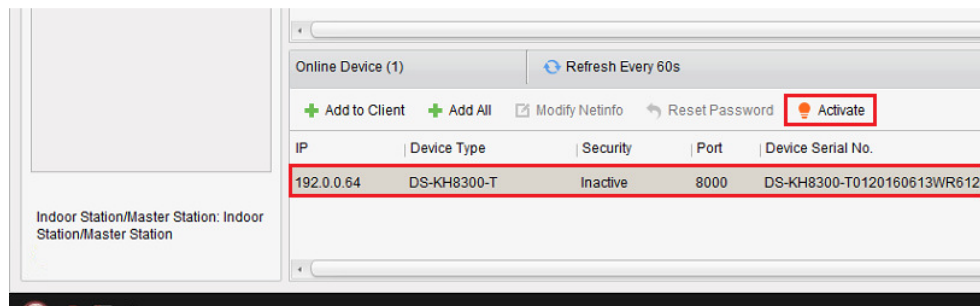


2. Wait for the touch screen to fully power up.

3. Select 'Indoor Station / Master Station' from the left menu in iVMS.

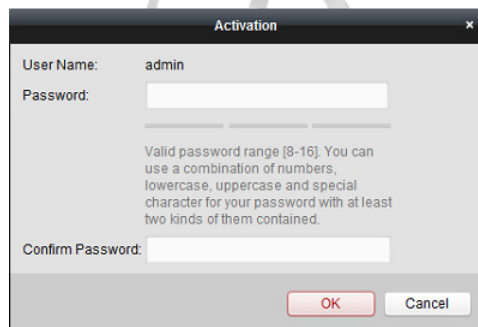


4. Select the room station from the list and click on 'Activate'

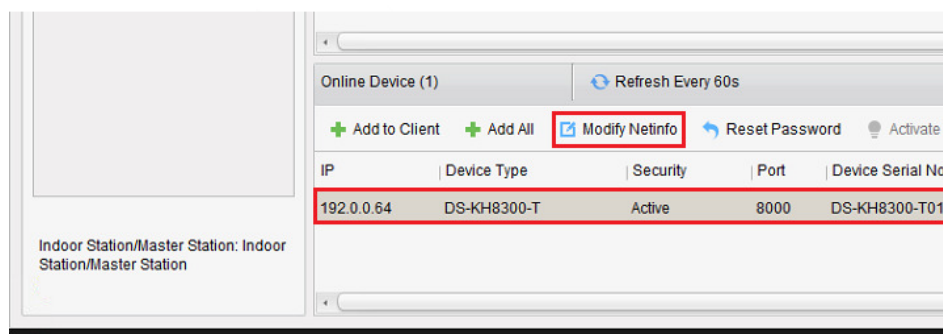


5. When prompted, enter in a password for this door station. This can be anything you want. You can use the same password as you use to login to iVMS which will make it easy to remember.

If you ever want to reconfigure this door station at a later time, you will need to know this password.

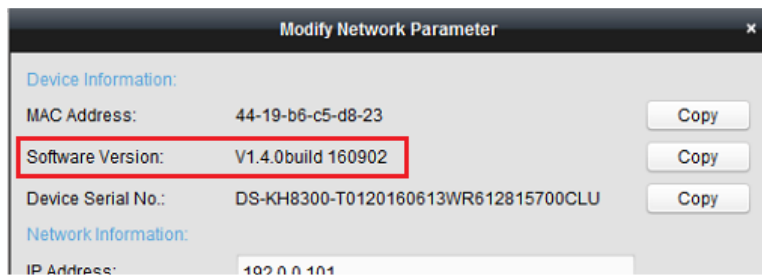


6. Select the door station you just activated and click on 'Modify NetInfo'.





7. Make sure the software version is v1.4.0 or above before continuing. If it's not then you will need to update the firmware before setting up the system. Refer to the firmware update tech note for steps on how to update the firmware.



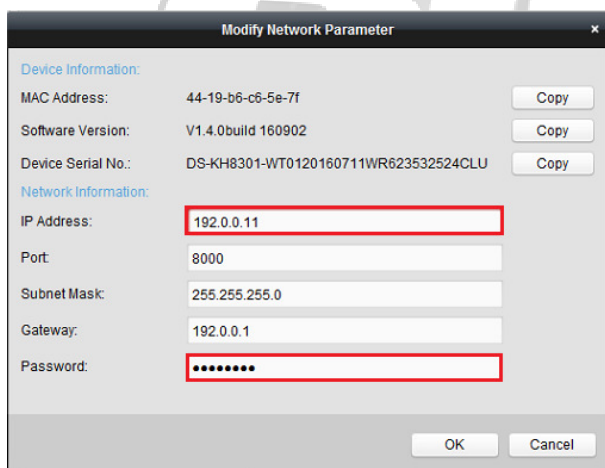
The screenshot shows the 'Modify Network Parameter' dialog box with the 'Device Information' tab selected. The 'Software Version' field is highlighted with a red box and contains the text 'V1.4.0build 160902'. Other fields include 'MAC Address: 44-19-b6-c5-d8-23' and 'Device Serial No.: DS-KH8300-T0120160613WR612815700CLU'. Each field has a 'Copy' button to its right.

8. Each room station on the system needs to have a unique IP address.

Set the first room station's IP address as 192.0.0.11

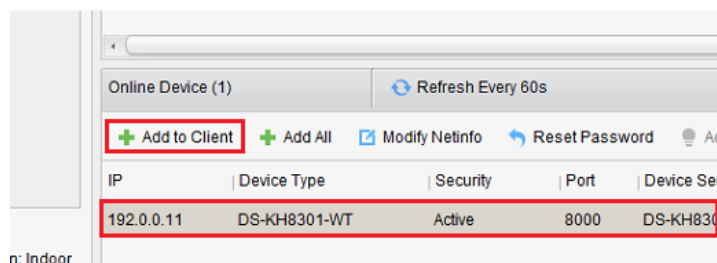
Next room station's IP address as 192.0.0.12 and so on..

Then enter in the password you used to activate the room station and then click on OK.



The screenshot shows the 'Modify Network Parameter' dialog box with the 'Network Information' tab selected. The 'IP Address' field is highlighted with a red box and contains '192.0.0.11'. The 'Password' field is also highlighted with a red box and contains eight dots. Other fields include 'Port: 8000', 'Subnet Mask: 255.255.255.0', and 'Gateway: 192.0.0.1'. 'OK' and 'Cancel' buttons are at the bottom.

9. Select the room station from the list at the bottom and click 'Add to Client'.



The screenshot shows the 'Online Device' list in the software interface. The 'Add to Client' button is highlighted with a red box. Below it is a table with one row of device information, also highlighted with a red box.

IP	Device Type	Security	Port	Device Ser
192.0.0.11	DS-KH8301-WT	Active	8000	DS-KH830

10. Now you need to set some settings for this room station.

Leave the adding mode as IP/Domain.

**Nickname** – Give the room station a name. In my example, it's going to be called 'Room 1'.

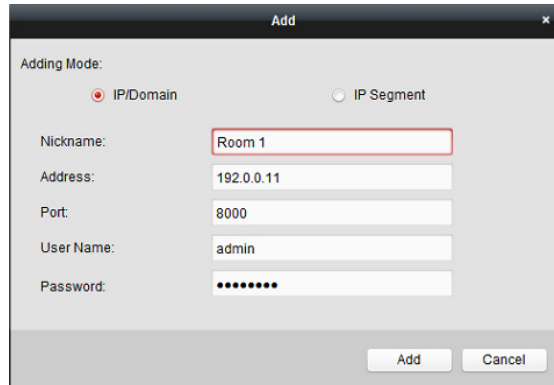
**Address** – Leave the address as it is.

**Port** – Leave this as port 8000

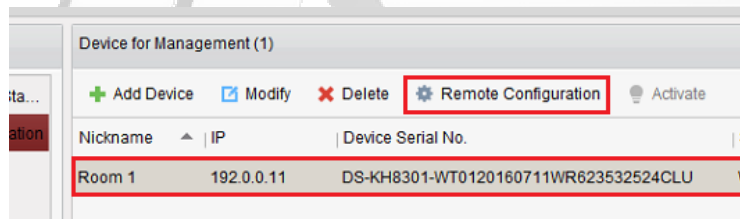
**Username** – set this as admin

**Password** – Use the password you used to activate this room station.

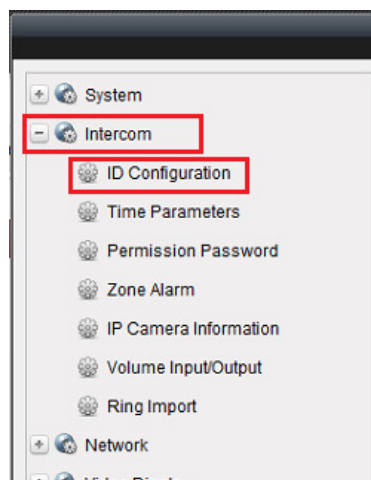
Once the above is set click on Add.



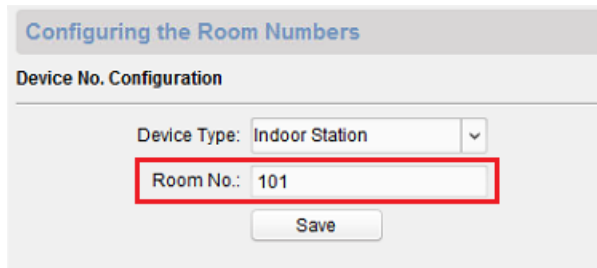
11. Once the device has been added to the top section, click on it from the top section and click on 'Remote Configuration'



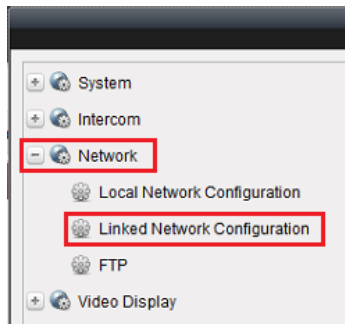
12. Click on 'Intercom' > 'ID Configuration' from the left menu.



13. Give the room station a room number (eg. 101), then click Save.  
Each room needs to have an unique room number.



14. Click on 'Network' > 'Linked Network Configuration' from the left menu.



15. You now need to set some IP addresses for the system.

**Master Station IP Address** – Enter in 0.0.0.0 to this field

**(Main) Door Station IP Address** – Enter in 192.0.0.2 to this field

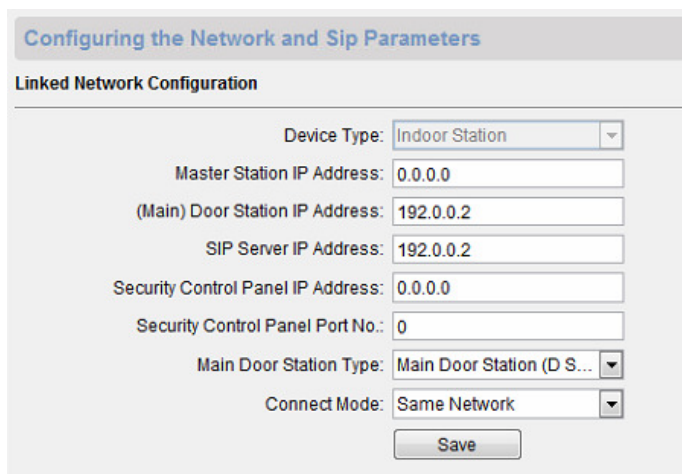
**SIP Server IP Address** – Enter in 192.0.0.2 to this field

**Main Door Station Type** – Change this to Main Door Station (D Series)

**Connect Mode** – Change this to Same Network

The rest of the settings can remain as default.

Once the above settings have been set, click on Save.



Now the system has been fully set up and ready to be used.

Repeat this section for each room station you are adding to the system.

## Additional Information:

### Customer Service

**Phone:** 1300 551 991 (M-F 8:30am – 5:00pm)

**Email:** [customerservice@ness.com.au](mailto:customerservice@ness.com.au)

**YouTube:** [www.youtube.com/nesscorporation](http://www.youtube.com/nesscorporation)

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