

<b>PRODUCT:</b>	<b>Dahua Villa Multiples Intercom Set-Up</b>
<b>ITEM CODE:</b>	<b>VTO2202F-P</b>

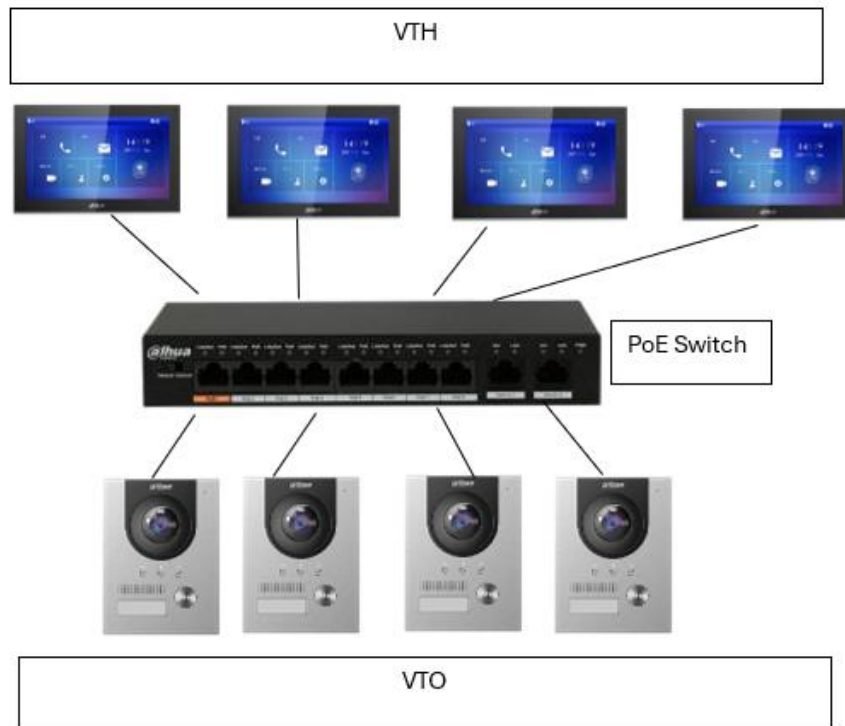
**Introduction**

This guide is to assist with the initial set-up steps for a Dahua intercom setup using multiple VTO's and/or multiple VTH's in Villa Mode where all VTH's will ring together, it will include initialisation, configuration, troubleshooting and app integration steps. This guide will build upon QRG1103-01.

**Network Map**

Please connect the VTO and VTH to the POE switch, making sure your cable runs are 80m or less. You will also need a windows laptop, with the Dahua ConfigTool version 5 installed, on this network for initial configuration.

**Connection Notes:** If you wish to use a mobile App for notifications you will require to download the DMSS App from either App Store or Play Store. You will also require connection to a router for this to function.



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**Initialisation**

Using the windows laptop, search the network for devices using the ConfigTool, you will see two uninitialised devices in the search results.

Select the VTO and click Initialise, this will then prompt you for a device password, choose a password with a minimum of eight characters and a mixture of letters and numbers.

Once initialised, select the language of your choice.

Then select the VTH's and click Initialise, this will prompt you for a six-digit passcode.

Once initialised, again a prompt will appear to select the language of your choice.

**Please make a note of these passwords.**

Make sure that all devices are in the same IP range and in the same range as the router if used. i.e., If your router is at 192.168.1.1, you will want to statically assign your devices as 192.168.1.XXX

**Building Management**

On the ConfigTool, go to building management and select Global Parameters.

From here, set Server type as VTO, set VTO password as the chosen password for the VTO's and set VTH password as the chosen passcode for the VTH's and click OK.

Set the Server Address as the VTO's IP address and all other sections of the global parameters can be left to default settings.

Click Add Node and this will then ask you about the building's configuration and layout.

De-select the check boxes for Building, Unit and Floor as shown below.

Select Unit VTO (Main) and Unit VTO (Sub) if second VTO is used.

Then enter the number of VTH's in use into extension number.

Organization tree node ×

Building  Unit  Floor

Building	Start Building	<input type="text" value="1"/>	Number	<input type="text" value="1"/>	<input type="checkbox"/> Fence Station
Unit	Start Unit	<input type="text" value="1"/>	Number	<input type="text" value="1"/>	<input checked="" type="checkbox"/> Unit VTO(Main) <input type="checkbox"/> Unit VTO(Sub)
Floor	Start Floor	<input type="text" value="1"/>	Number	<input type="text" value="1"/>	
Room	Start Room	<input type="text" value="1"/>	Number	<input type="text" value="1"/>	<input type="checkbox"/> Second Confirmation <input type="checkbox"/> Villa Station
Extensi...	Start Extension	<input type="text" value="0"/>	Number	<input type="text" value="0"/>	

\*The extension number is 0 and the default is the host.

\*The maximum number of device nodes allowed is 10,000.

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This will give you one room with any number of extensions and one or more VTO's that can now be associated with the devices set up in the previous step, select one VTO at a time from the left list and the VTO's from the building plan and click Association, choosing one of the VTOs to be the main and one to be the sub, then doing the same for the VTH's.

Once all devices have been associated to the building management plan, click Association List, select all devices then click Config to push the settings out to the devices.

### **Adjustments and Troubleshooting**

Once the building config has been pushed out to the devices, there are a few things to check, but the intercom should now be working.

First thing to check is the VTH's network settings, this is done by going to Device Config, double clicking each VTH and entering its passcode.

You will want to make sure that the SIP Server IP is set to the IP address of the main VTO, the SIP realm is VDP and the Login Password is set to the VTO's password.

Next go to Network Terminals and check that the Main VTO IP is set to the VTOs IP address and the Main VTO Pwd is set to the VTO's password. Repeat these steps for each VTH being used.

If used, login to the Sub VTO's webpage, go to Network and check that the SIP server address is set to the main VTO's IP address then navigate to the IP address of the main VTO and login.

Go to local settings, make sure that the group call button is enabled, then go to network settings, and make sure that the SIP server is enabled. Changing either of these settings will reboot the main VTO.

Go to Household Management and then status and check to make sure that all the VTO's and VTH's are listed as Online.

The Intercom is now ready to be tested, if the VTH's ring when the VTO button are pushed, the setup is configured correctly, if not, default the devices (using the Factory Default button in System Settings of the ConfigTool) and start again.

### **DMSS Integration**

Log into VTO IP address then go to Network and ensure cloud is online.

On the DMSS app, go to Add device and scan the QR code from VTO network page. Select VTO and enter its login details. Now press the button on the main VTO, which should alert the mobile phone. Check the sub VTO does the same if used.

End

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