	Quick Reference Guide
	Ref: QRG1106-01

PRODUCT:	**Dahua Wifi Intercom Set-Up**
ITEM CODE:	**KTW02 Kit**

Introduction

This guide is to assist with the initial set-up steps for the KTW02 intercom kit, it will include initialisation, configuration, troubleshooting and app integration steps. This guide will also support standalone setup of the VTO2311R-WP.

Network Map

This kit can be configured in two main ways, Wifi for data and separate PSUs for power, or by using a POE switch for both power and data.

If the wireless option is needed, it is recommended to set the devices up on a POE switch before moving it to the Wifi.

Initialisation

Using a windows laptop and the Dahua ConfigTool (version 5), search the network for devices, you will see the 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 if used 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.

You will need to make sure that both 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
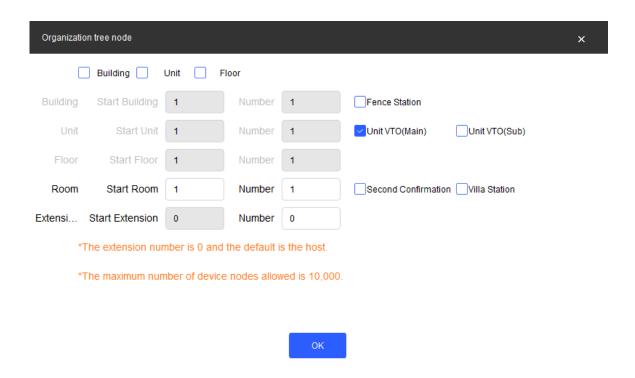
Building Management

If using VTO as standalone, you can skip to Wifi Setup.

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 and set VTH password as the chosen passcode for the VTH 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, for this kit you will want to select Unit VTO (Main) and de-select the check boxes for Building, Unit and Floor as shown below.

This will give you one room and one VTO that can now be associated with the devices set up in the previous step, this is done by selecting the VTO from the left list and the VTO from the building plan and clicking Association, then do the same for the VTH.

Once both devices have been associated to the building management plan, click Association List, select both 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 operational.

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

You will want to make sure that the SIP Server IP is set to the IP address of the 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.

Then navigate to the IP address of the VTO and login.

Go to Household Management and then Status and check to make sure that both the VTO and VTH are listed as Online.

The Intercom is now ready to be tested, if the VTH rings when the VTO button is pushed, the setup is configured correctly, if not, default the devices and start again.

Wifi Setup

If using the device as standalone and on POE, you can skip to DMSS Integration below.

Login to the web page of the VTO and go to Network – Basic and set the WAN address to the same IP as the LAN address.

Then go to Network – Wifi and choose the wifi name the VTO needs to connect to and enter the wifi password to connect.

The VTO can now be removed from the POE switch and tested again to make sure the wifi is working.

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 VTO, which should alert the mobile phone.

End.