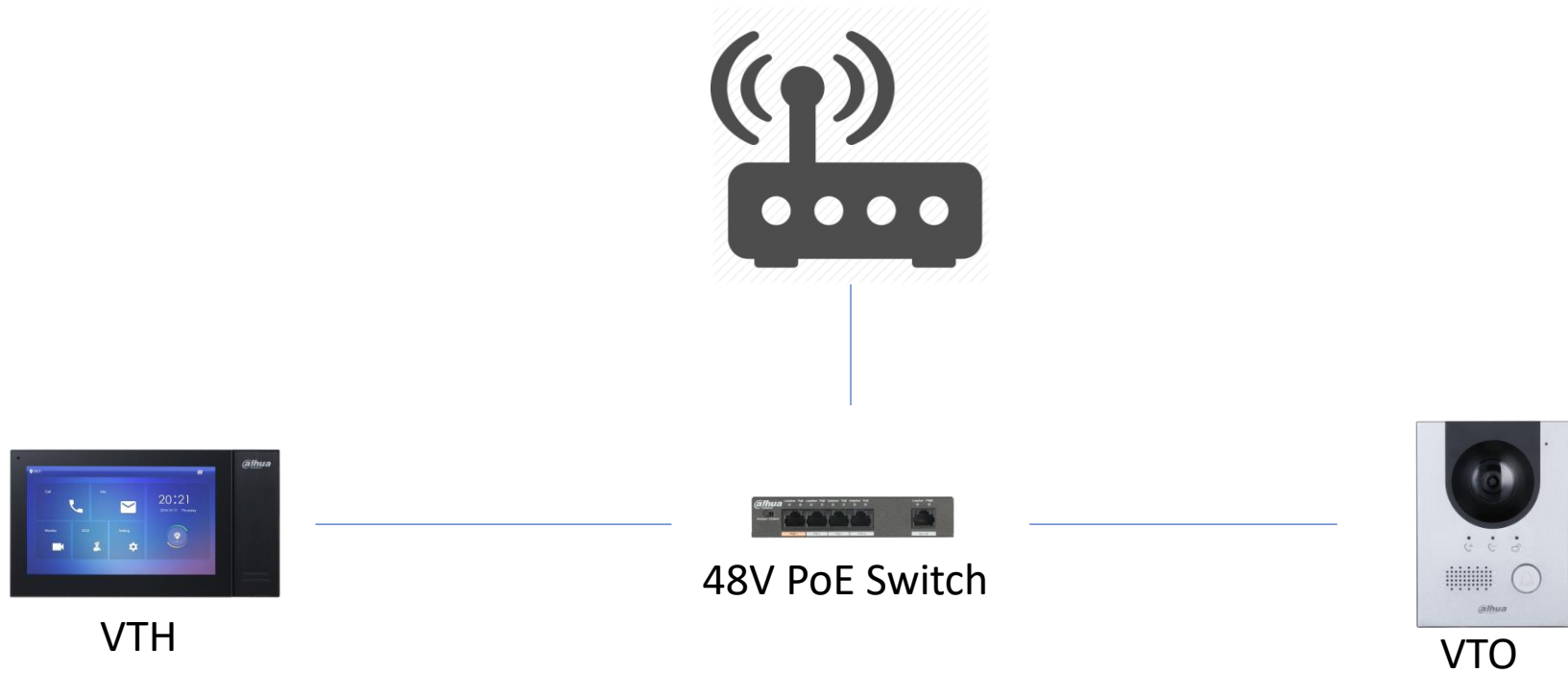




# Dahua Villa Intercom Guide

## Configure 1 VTH x 1 VTO

# Wiring Diagram



— CAT5e/6

# Default IP Address



VTH: 192.168.1.109



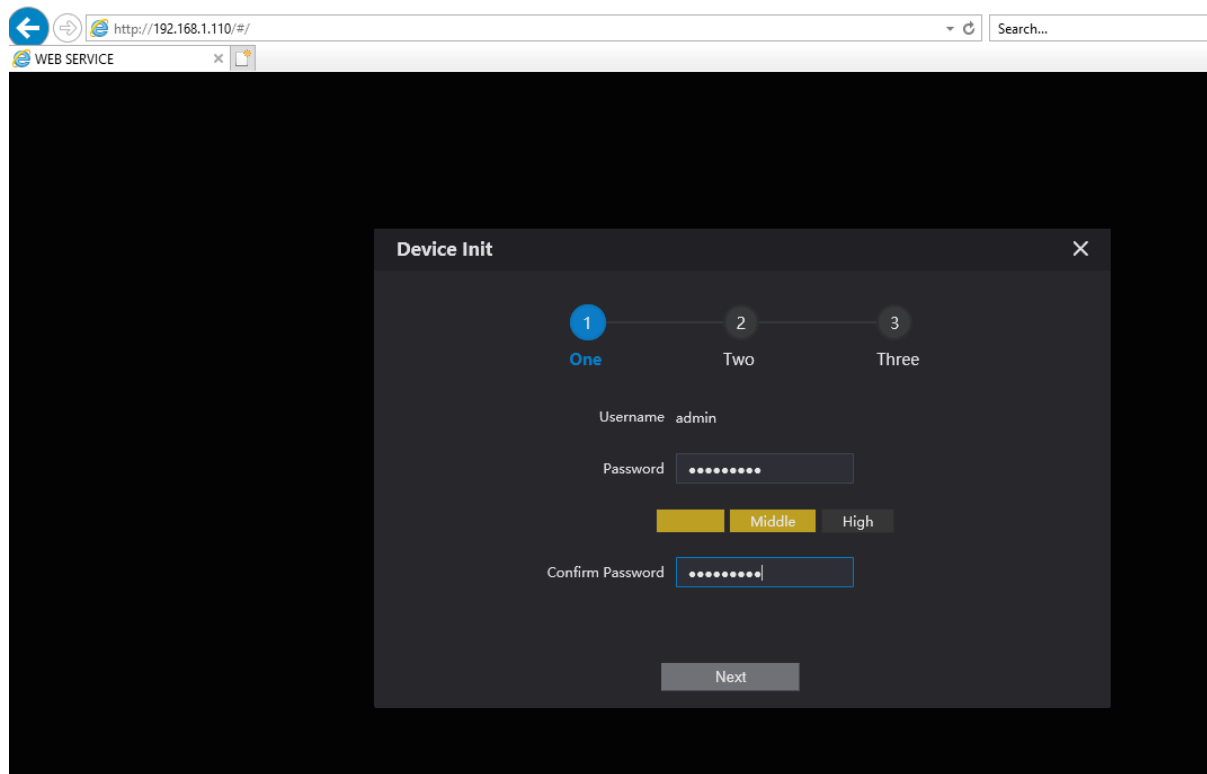
VTO: 192.168.1.110

# Scenario & Environment

- For the guide
- Network Router IP : 192.168.1.1
- VTH IP : 192.168.1.109
- VTO IP: 192.168.1.110
  
- VTH Password: 123456
- VTO Password: digi12345

# Initialise VTO

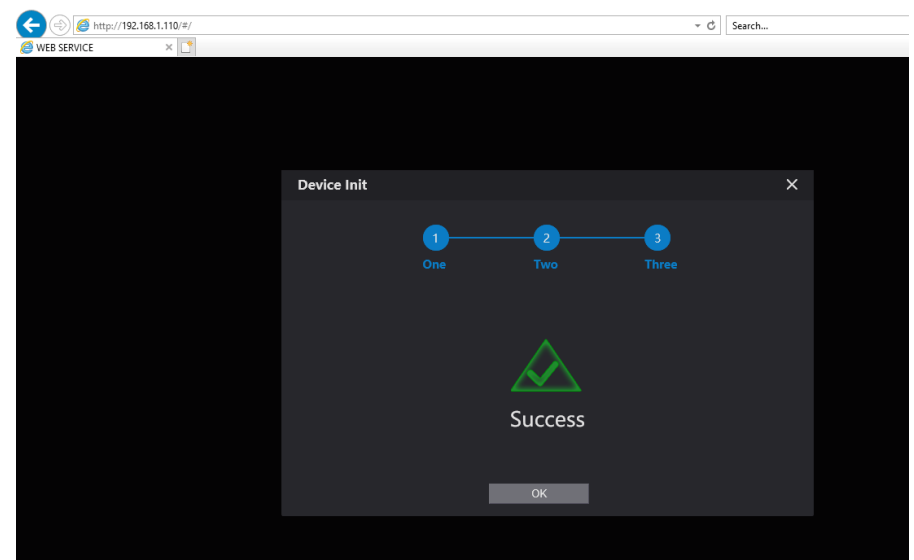
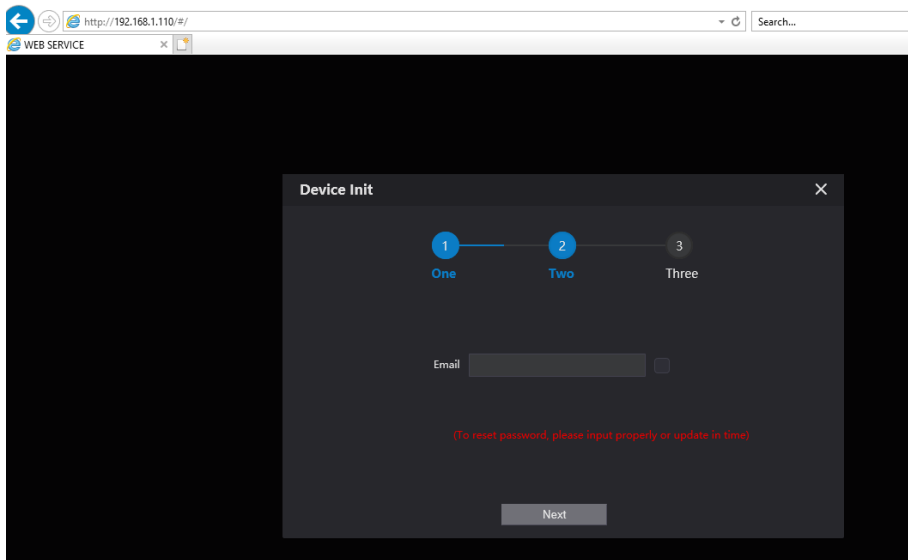
- Go to => 192.168.1.110
- Password: digi12345 (*assign VTO admin password*)



The screenshot shows a web browser window with the address bar displaying `http://192.168.1.110/#/`. The browser tab is labeled "WEB SERVICE". The main content area is dark grey and displays a "Device Init" dialog box. The dialog box has a title bar with "Device Init" and a close button. Inside the dialog, there is a progress indicator with three steps: "1 One" (highlighted in blue), "2 Two", and "3 Three". Below the progress indicator, the "Username" field is set to "admin". The "Password" field is a text input with masked characters (dots). Below the password field, there are three buttons: "Low" (highlighted in yellow), "Middle", and "High". The "Confirm Password" field is another text input with masked characters. At the bottom of the dialog, there is a "Next" button.

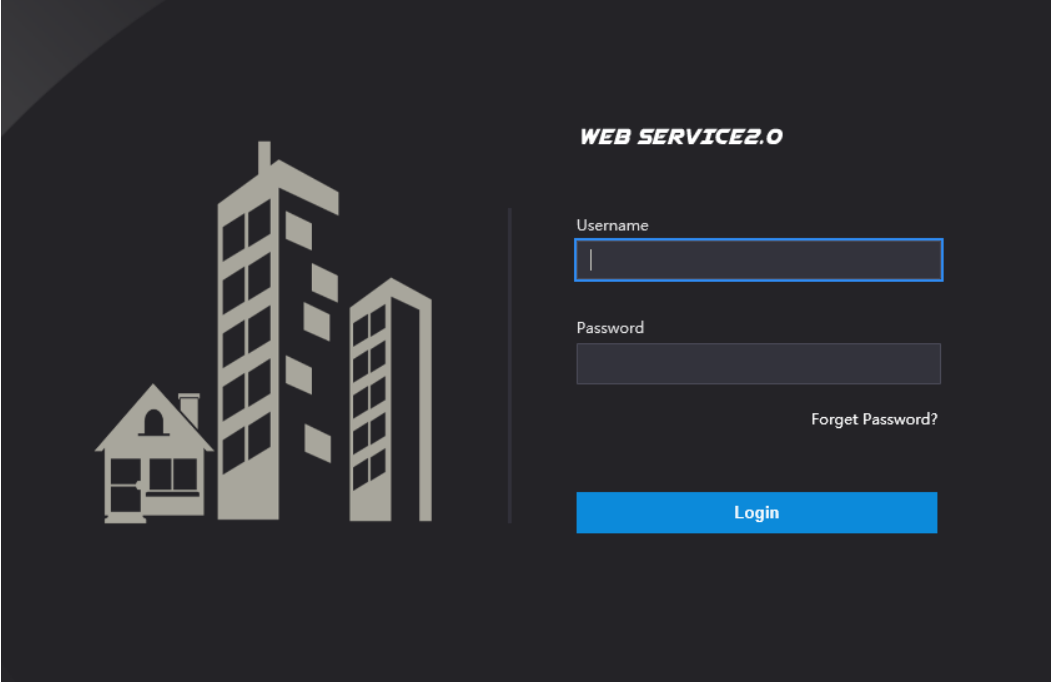
# Initialise VTO

- Do not Need Email in VTO
  - Click Next
  - Click OK



# Configure VTO

- Username: admin
- Password: digi12345 (*VTO admin password*)

The image shows a login interface for a system called "WEB SERVICE2.0". On the left side, there is a stylized illustration of a city skyline with a small house and two tall buildings. The right side of the interface is a dark gray panel with the text "WEB SERVICE2.0" at the top. Below this, there are two input fields: "Username" and "Password". The "Username" field has a blue border and contains a single vertical line. Below the "Password" field, there is a link that says "Forget Password?". At the bottom of the panel, there is a blue button with the text "Login".

**WEB SERVICE2.0**

Username

Password

[Forget Password?](#)

Login

# VTO Network

- Network Setting
- IP address: 192.168.1.110
- Subnet Mask: 255.255.255.0
- Gateway: 192.168.1.1

The screenshot displays the 'WEB SERVICE2.0' interface with the 'Network Setting' tab selected. The left sidebar lists 'Basic', 'FTP', 'UPnP', 'SIP Server', and 'IP Permissions'. The main content area is divided into two sections: 'TCP/IP' and 'Port'.

**TCP/IP Configuration:**

Field	Value
IP Addr.	192.168.1.110
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
MAC Addr.	a0:bd:1d:83:af:12
Preferred DNS	8.8.8.8
Alternate DNS	8.8.8.8

**Port Configuration:**

Field	Value	Option
Port	80	
HTTPS Port	443	Enable

**Warning:** The device needs reboot after modifying the Port or HTTPS Port.

**Buttons:** Create Server CERT, Download Root CERT

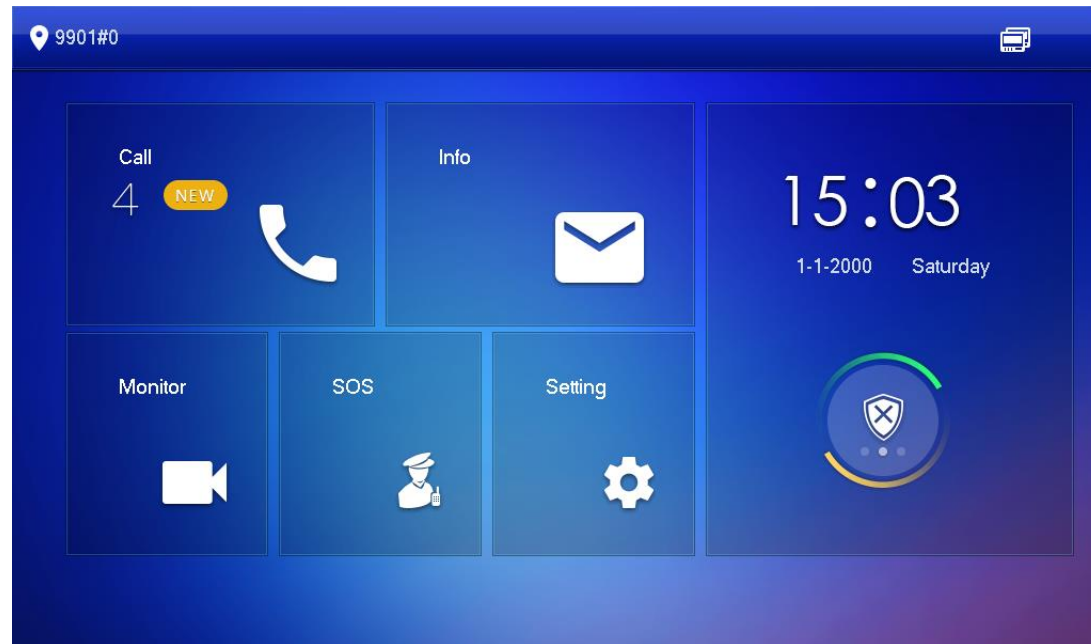


# Initialise VTH

- Enter Password: 123456
  - Confirm: 123456
  - Email:
- 
- We will use 123456 as password
  - Email is used to reset the password later if needed

# Configure VTH

- Hold the setting icon until login comes up
- Enter: 123456



# Configure Network

- Local IP: 192.168.1.109
- Netmask 255.255.255.0
- Gateway: 192.168.1.1
- DHCP: OFF
- TCP: 37777

9901 Network

Network

VTH Config

SIP Server

VTO Config

Search Device

Default All

Reset MSG

Local IP	192 . 168 . 1 . 109
Netmask	255 . 255 . 255 . 0
Gateway	192 . 168 . 1 . 1
MAC	00:00:00:00:00:00
DHCP	<input type="checkbox"/> OFF
TCP	37777

OK

# Configure VTH

- VTH Config
  - Room No.: 9901#0                      Master
  - *Rest of the setting unchanged*

The screenshot displays the 'VTH Config' window for room '9901#0'. The interface has a blue theme with a sidebar on the left containing menu items: Network, VTH Config (highlighted in yellow), SIP Server, VTO Config, Search Device, Default All, and Reset MSG. The main area contains a table of configuration parameters. The 'Room No.' is set to '9901#0' and the role is 'Master'. The 'Master IP' is '0.0.0.0', 'Master Name' is 'admin', and 'Master Pwd' is masked with dots. The 'Version' is '20190319 V4.300.0000000.4.R'. The 'SSH' status is 'ON' with a yellow indicator. An 'OK' button is at the bottom center.

Field	Value
Room No.	9901#0
Master	Master
Master IP	0 . 0 . 0 . 0
Master Name	admin
Master Pwd	•••••
Version	20190319 V4.300.0000000.4.R
SSH	ON

OK

# Configure SIP Server

- SIP Server

- Server IP: 192.168.1.110 (*Main VTO IP*)
- Network Port: 5060
- Username: 9901
- Register Pwd: (*unchanged*)
- Domain: (*empty*)
- Username: admin
- Login Pwd: digi12345 (*Main VTO*)
- Enable Status: ON

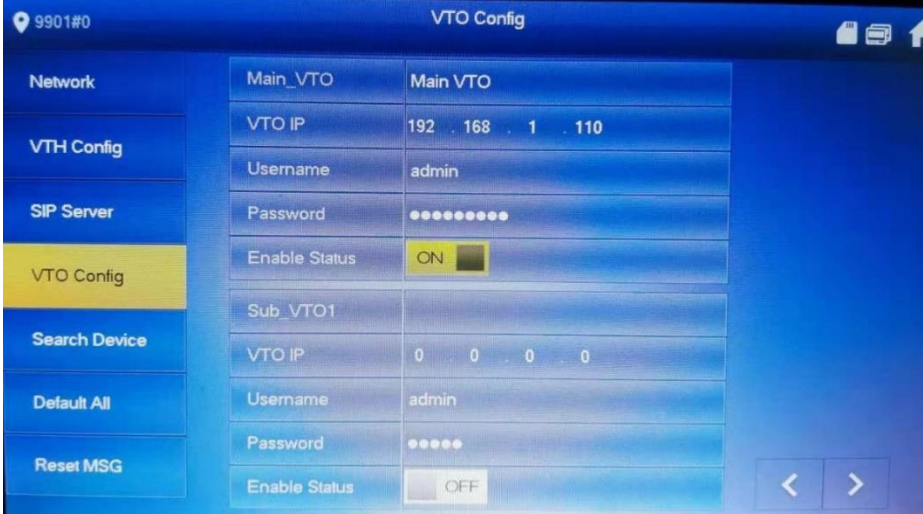
SIP Server

Network	Server IP	192 168 1 110
VTH Config	Network Port	5060
SIP Server	Username	9901#0
VTO Config	Register Pwd	••••••
Search Device	Domain	
Default All	Username	admin
Reset MSG	Login Pwd	••••••••
	Enable Status	ON <input checked="" type="checkbox"/>

OK

# VTO Config

- Main\_VTO: Main VTO
- VTO IP: 192.168.1.110
- Username: admin
- Password: digi12345 (*Main VTO admin password*)
- Enable Status: ON



The screenshot displays a web-based configuration interface for VTO (Voice Traffic Optimizer) settings. The interface has a blue header with a location pin icon, the text '9901#0', and the title 'VTO Config'. On the right side of the header are icons for a folder, a printer, and a home button. A left sidebar contains a menu with the following items: 'Network', 'VTH Config', 'SIP Server', 'VTO Config' (which is highlighted in yellow), 'Search Device', 'Default All', and 'Reset MSG'. The main content area is divided into two sections. The top section is for 'Main\_VTO' and contains the following fields: 'Main\_VTO' (labeled 'Main VTO'), 'VTO IP' (set to '192 . 168 . 1 . 110'), 'Username' (set to 'admin'), 'Password' (masked with dots), and 'Enable Status' (set to 'ON' with a green indicator). The bottom section is for 'Sub\_VTO1' and contains the following fields: 'Sub\_VTO1' (empty), 'VTO IP' (set to '0 . 0 . 0 . 0'), 'Username' (set to 'admin'), 'Password' (masked with dots), and 'Enable Status' (set to 'OFF' with a grey indicator). At the bottom right of the interface are two navigation buttons, '<' and '>'.

Section	Field	Value
Main_VTO	Main_VTO	Main VTO
	VTO IP	192 . 168 . 1 . 110
	Username	admin
	Password	.....
	Enable Status	ON
Sub_VTO1	Sub_VTO1	
	VTO IP	0 . 0 . 0 . 0
	Username	admin
	Password	.....
	Enable Status	OFF

# Mobile App Config

- App
  - Apple: iDMSS Plus
  - Android: gDMSS Plus
- Method: QR code/ Scan
- Dahua Intercom Video Guide
  - Add VTO to Mobile App in Youtube
  - <https://youtu.be/2WLtcPkRmoM>



# Mobile App Config

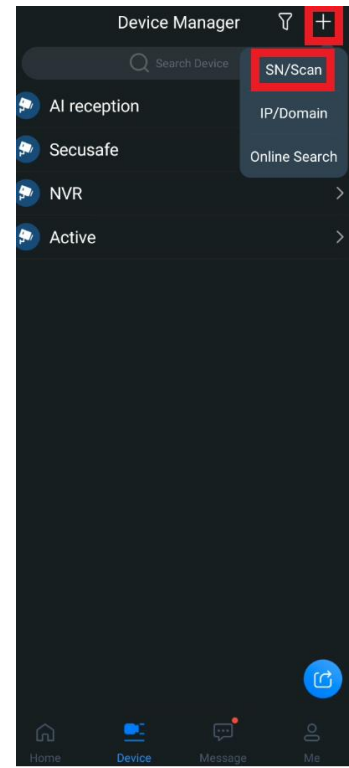
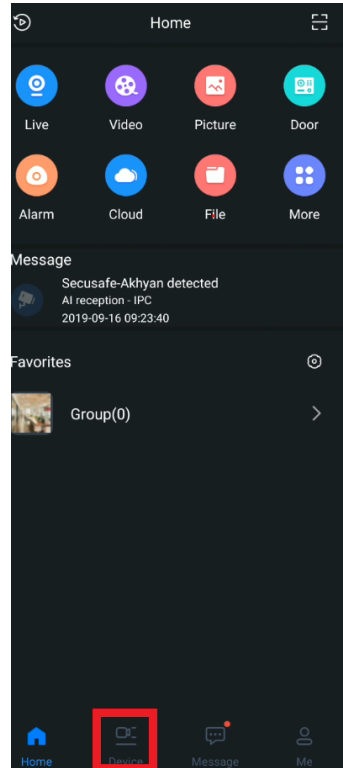
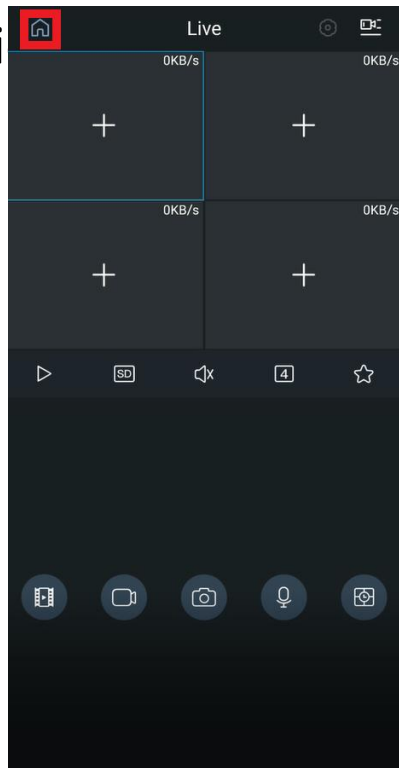
- SN
  - On the sticker on back of the VTO
    - QR code
    - S/N
- Web browser





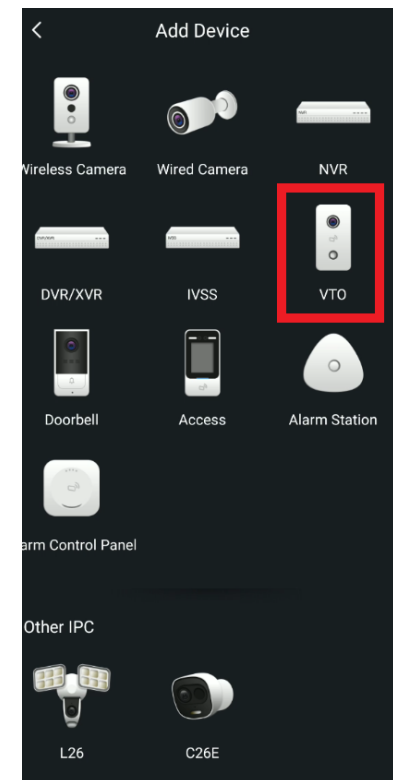
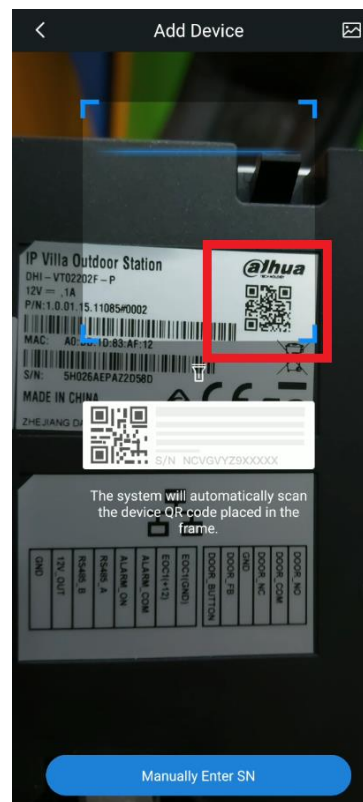
# Add to VTO to app

- Open the app
- Click Home icon (top left)
- Click Devi



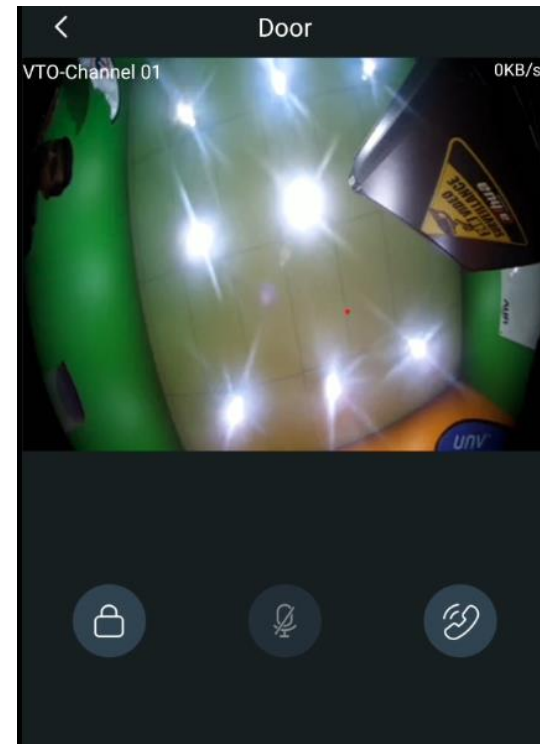
# Scan VTO

- Scan the QR code in VTO sticker
- Click Search
- Click VTO



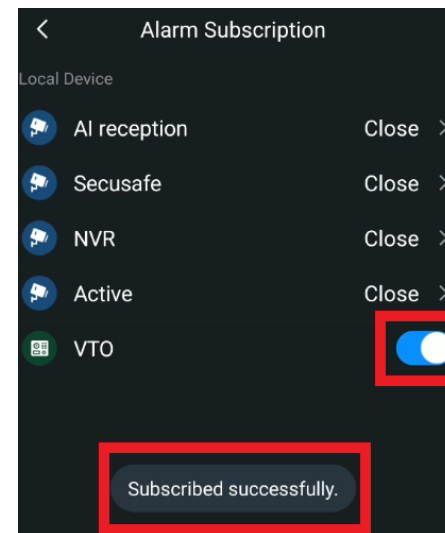
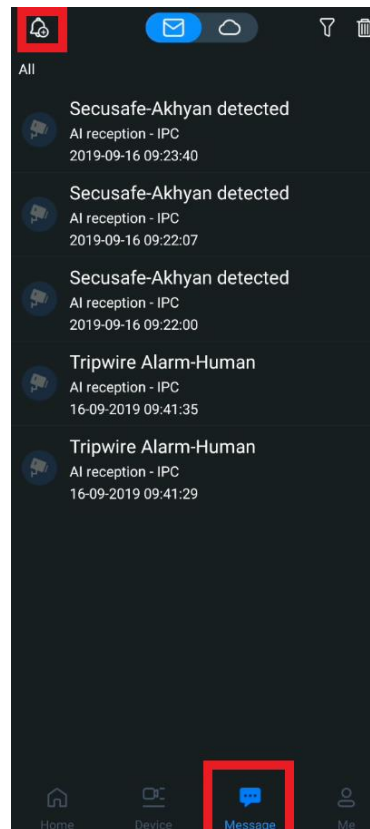
# Add VTO to app

- Type Device Name
- Type VTO admin password
- Click



# Subscribe to VTO

- Click Message
- Click Bell icon
- Subscribe to VTO



# Mobile App overview

- Get call on the app

