

Fast operation of Analog Apartment System

2017.8

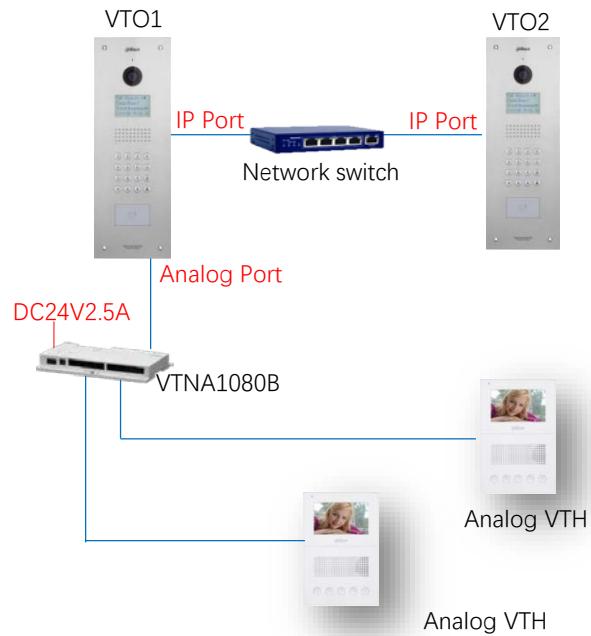
Content

1.	System structure.....	1
1.1	Overview	1
1.2	Demo environment	2
1.3	Firmware and software	3
2.	How to configure: 1 VTO + n VTH.....	4
2.1	How to setup the VTO	4
2.2	How to config analog VTH room No.....	6
3.	How to setup Main VTO and Sub VTO in analog system.....	7
3.1	How to config Main VTO	7
3.2	How to config Sub VTO.....	9

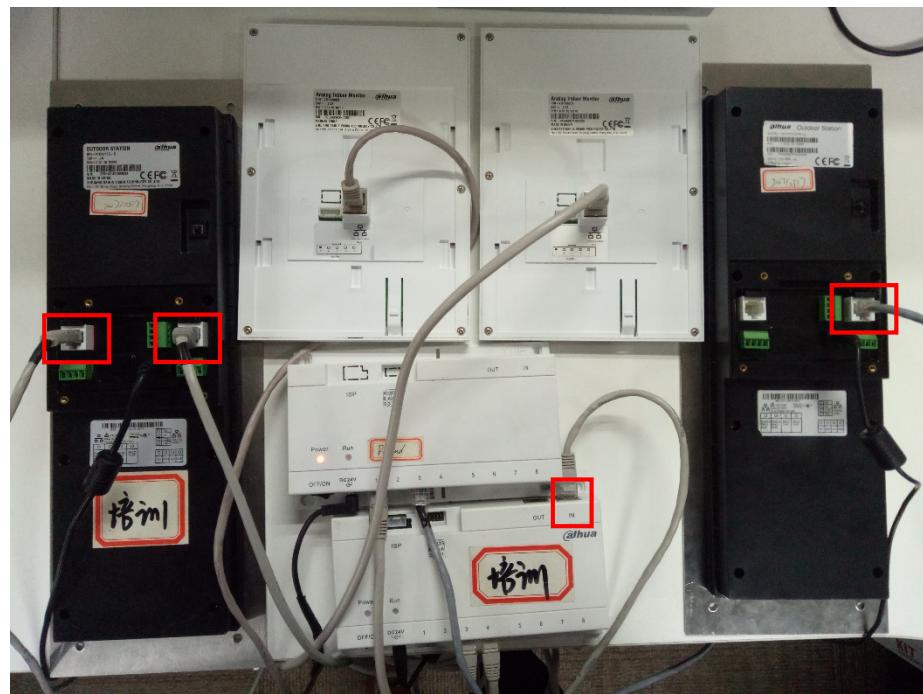
1. System structure

This document listed the involved firmware and software, and explained the configuration of analog apartment system, including the VTO, VTH.

1.1 Overview



1.2 Demo environment



1.3 Firmware and software

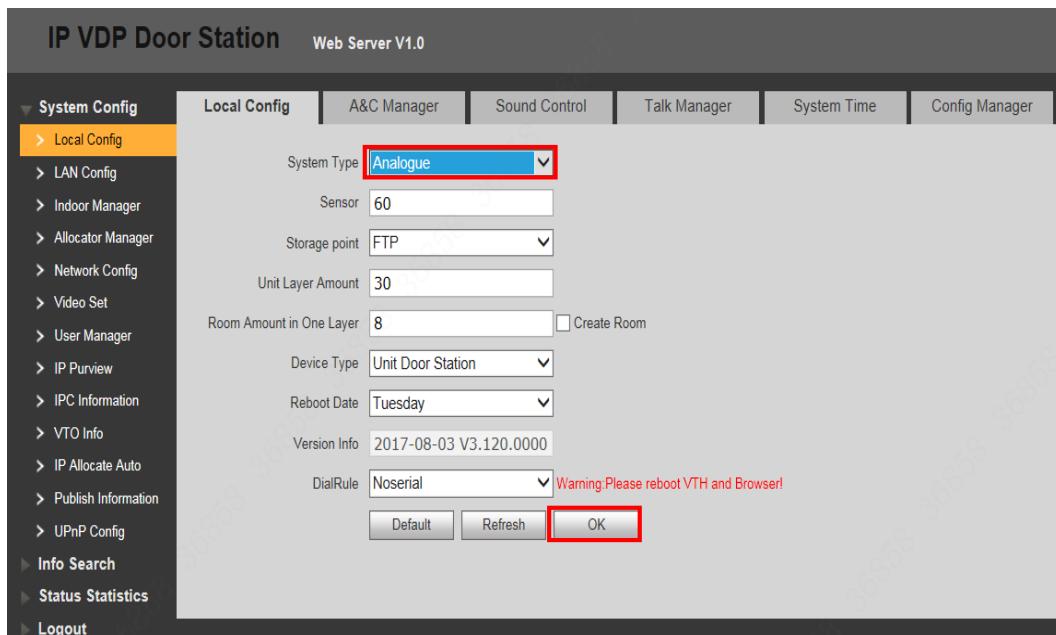
VTO1210C-X	General_VTOXXX_Eng_P_16M_V3.120.0000.0.R.20170803 Device1 IP: 192.168.1.120 Device2 IP: 192.168.1.222	VT cybersecurity baseline
VTH1200DS	General_VTH1X0XX MCU_V5.510.0000.0.R.160322	
VTH1200DS	General_VTH1X0XX MCU_V5.510.0000.0.R.160322	
VTNS1060A		
VTNA1080B		
IE 11	 Internet Explorer 11 Version :11.0.9600.18638	
Chrome	 Google Chrome Version: 60.0.3122.113(64 bit)	
Windows 7	Windows 7 Enterprise edition	

2. How to configure: 1 VTO + n VTH

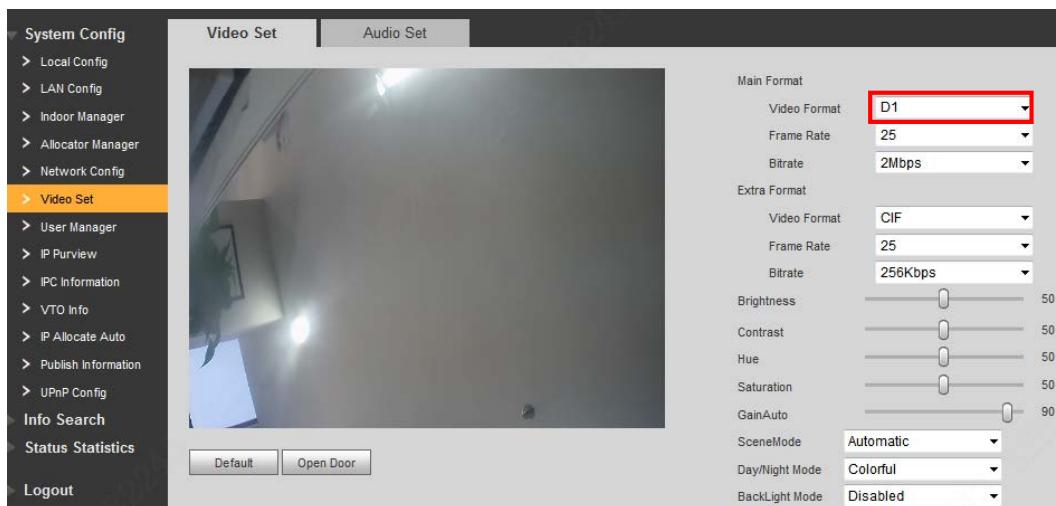
2.1 How to setup the VTO

Step 1 Login <http://192.168.1.120>. The default username and password are both 'admin'.

The first login requires changing password. System Config -> Local Config, setup the system type as 'Analogue'. Click OK.



Step 2 System Config -> Video Set, choose Video Format into D1



Step 3 System Config -> Indoor Manager, click on 'Add'. Add the Room No.9901/9902... in the web interface. Other information is not required.

The image consists of two vertically stacked screenshots of a web-based configuration interface for an IP VDP Door Station. Both screenshots have a dark header bar with the title 'IP VDP Door Station' and 'Web Server V1.0'. Below the header is a navigation menu under 'System Config' with several options: Local Config, LAN Config, Indoor Manager (which is highlighted in orange), Allocator Manager, Network Config, Video Set, User Manager, IP Purview, IPC Information, and VTO Info.

The first screenshot shows a table titled 'Analog Indoor Station Manager' with columns: FamilyName, FirstName, Nick Name, Room No., SN, Device ID, Device Port, Card No. Info, Modify, and Delete. An 'Add' button is located at the bottom left of the table area, which is highlighted with a red box.

The second screenshot shows a modal dialog box titled 'Add' for adding a new indoor station. It contains five input fields: FamilyName, FirstName, Nick Name, VTH Short No (which is highlighted with a red box), and Device ID. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Step 4 Reboot the device.

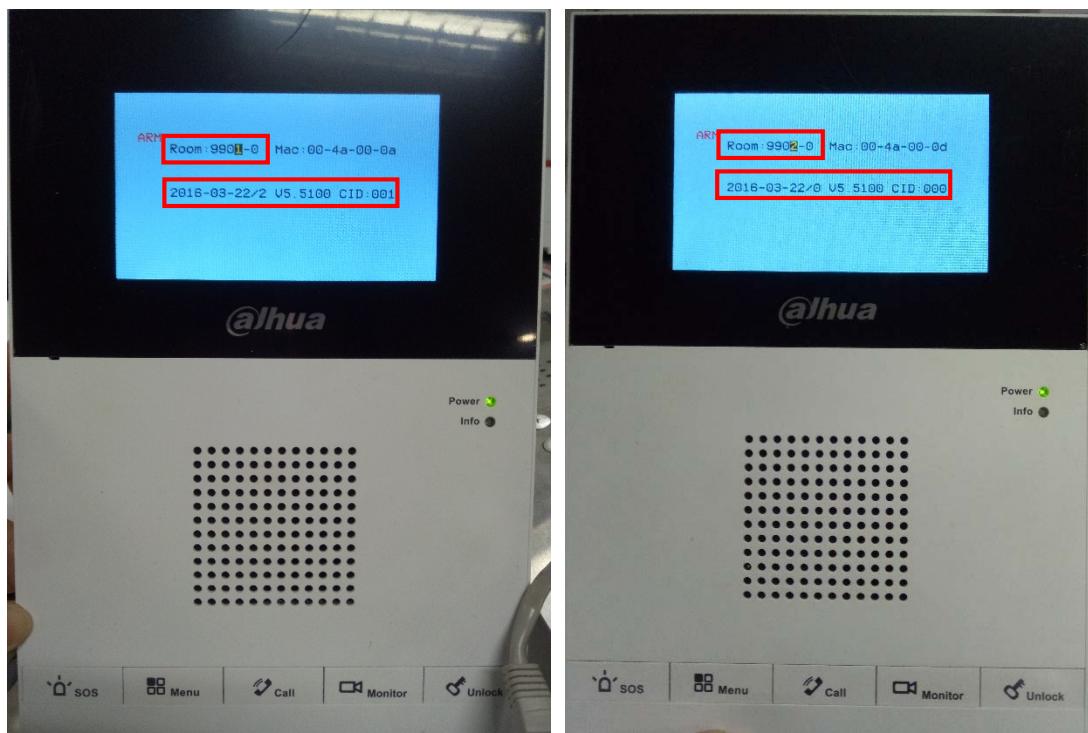
2.2 How to config analog VTH room No.

Step 1 **Before** you start the power supply, press the Call button and loosen the button until there is a blue screen.



Step 2 Use the Menu and Call button to set VTH room No. After changing, press call button again, then reboot the VTH.

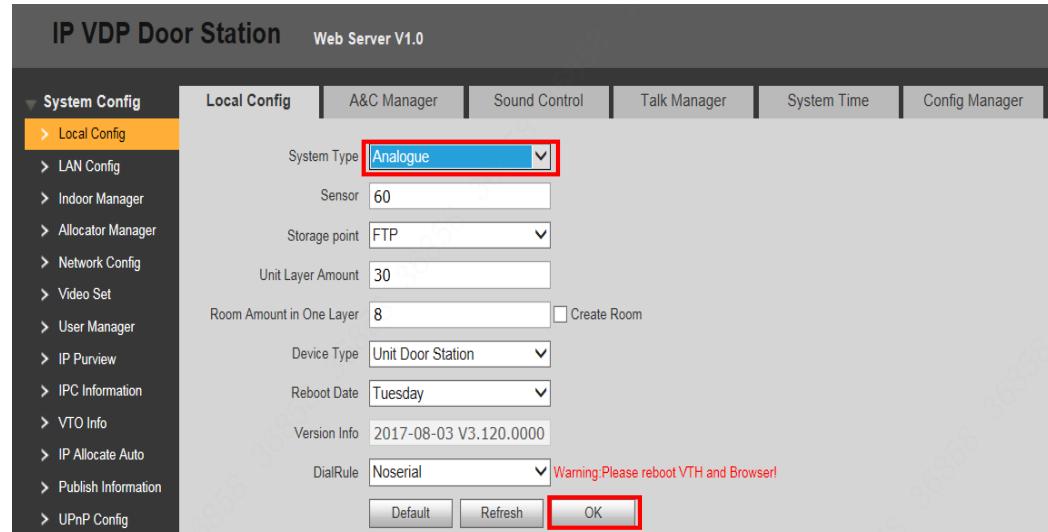
Note: If there are more than one VTH, please test them one by one.



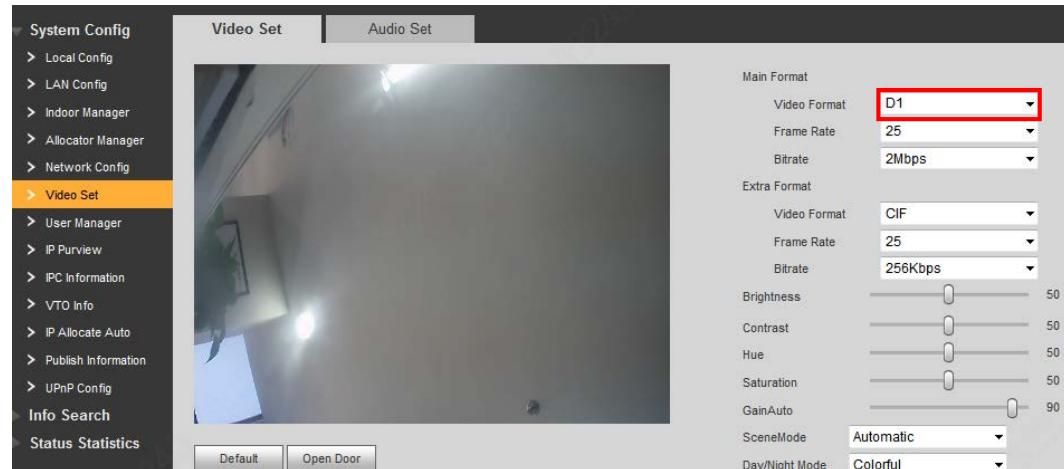
3. How to setup Main VTO and Sub VTO in analog system

3.1 How to config Main VTO

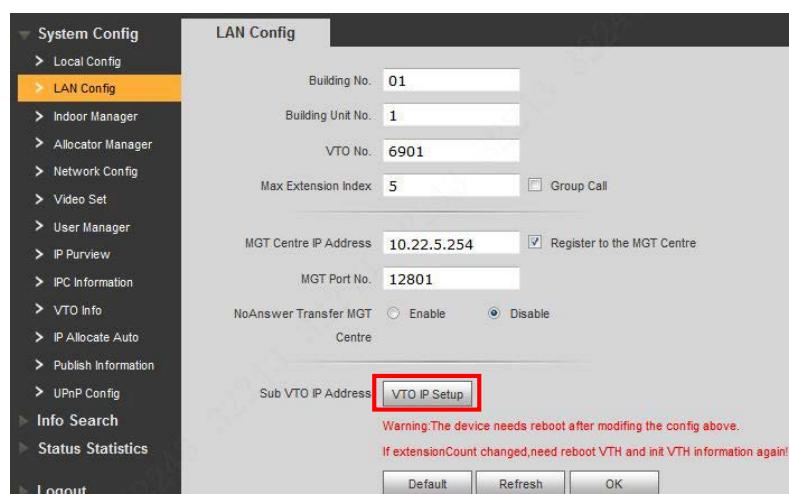
Step 1 Open the Main VTO's web interface. System Config -> Local Config, choose System Type as Analogue. Check OK to save it.

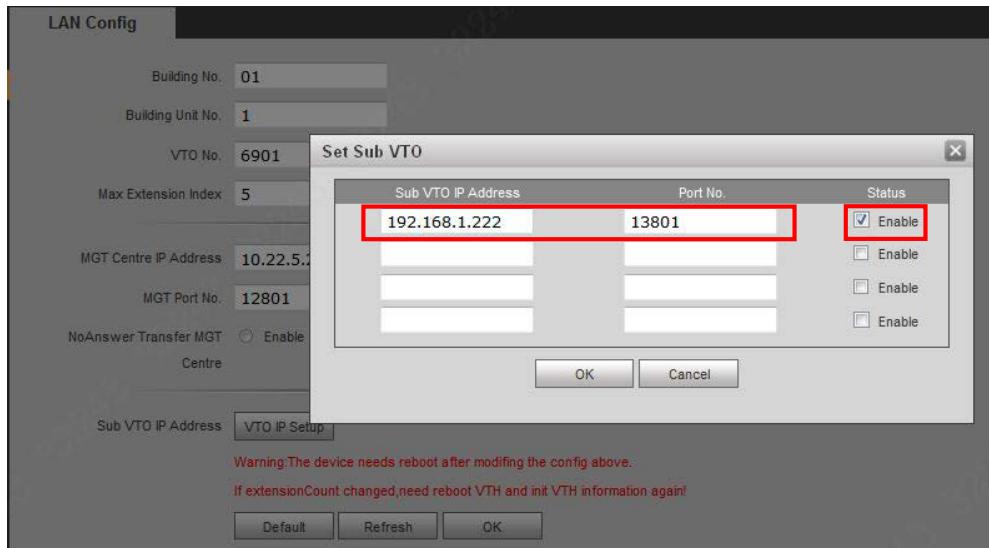


Step 2 System Config -> Video Set, choose Video Format into D1



Step 3 Check LAN Config>VTO IP Setup, fill in the Sub VTO's IP address, and choose Enable. Check OK to save it.





Step 4 Check Indoor Station Manager>Analog Indoor Station. Add the Room No.9901/9902... in the web interface. Other information is not required.

IP VDP Door Station Web Server V1.0

- System Config
 - > Local Config
 - > LAN Config
 - > **Indoor Manager**
 - > Allocator Manager
 - > Network Config
 - > Video Set
 - > User Manager
 - > IP Purview
 - > IPC Information
 - > VTO Info

Analog Indoor Station Manager

FamilyName	FirstName	Nick Name	Room No.	SN	Device ID	Device Port	Card No.	Info	Modify	Delete

Add

IP VDP Door Station Web Server V1.0

- System Config
 - > Local Config
 - > LAN Config
 - > **Indoor Manager**
 - > Allocator Manager
 - > Network Config
 - > Video Set
 - > User Manager
 - > IP Purview
 - > IPC Information
 - > VTO Info
 - > IP Allocate Auto
 - > Publish Information
 - > UPnP Config
 - > Info Search

Analog Indoor Station Manager

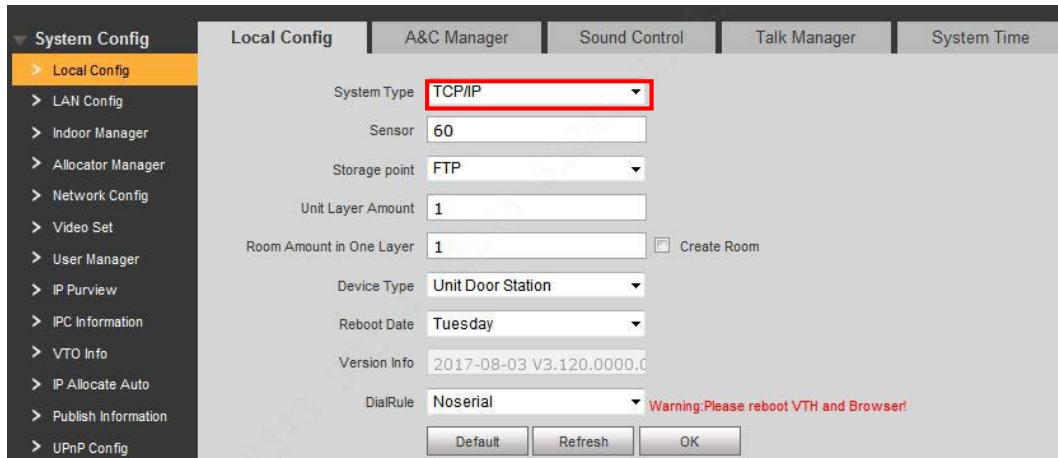
Add

FamilyName	FirstName	Nick Name	VTH Short No.	Device ID	Device Port

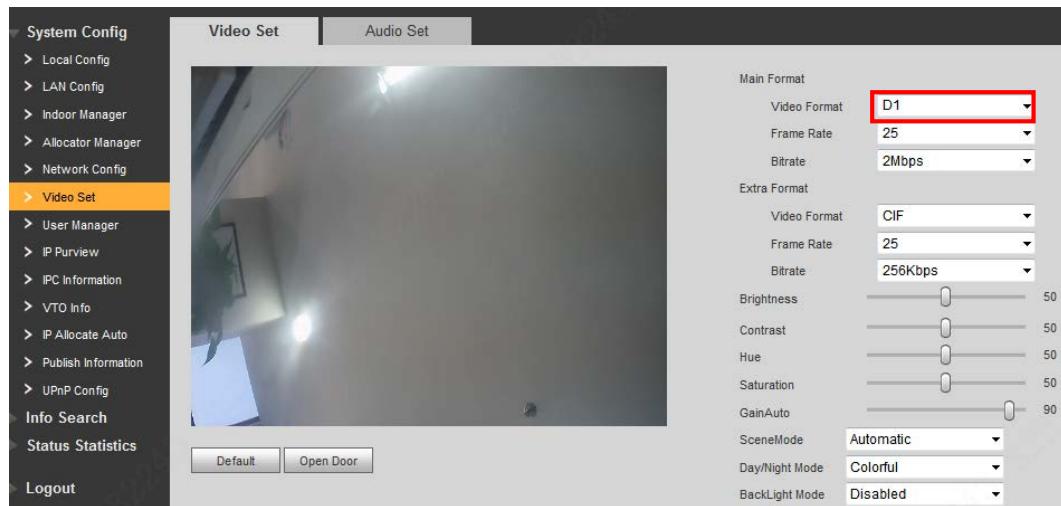
Step 5 Reboot device.

3.2 How to config Sub VTO

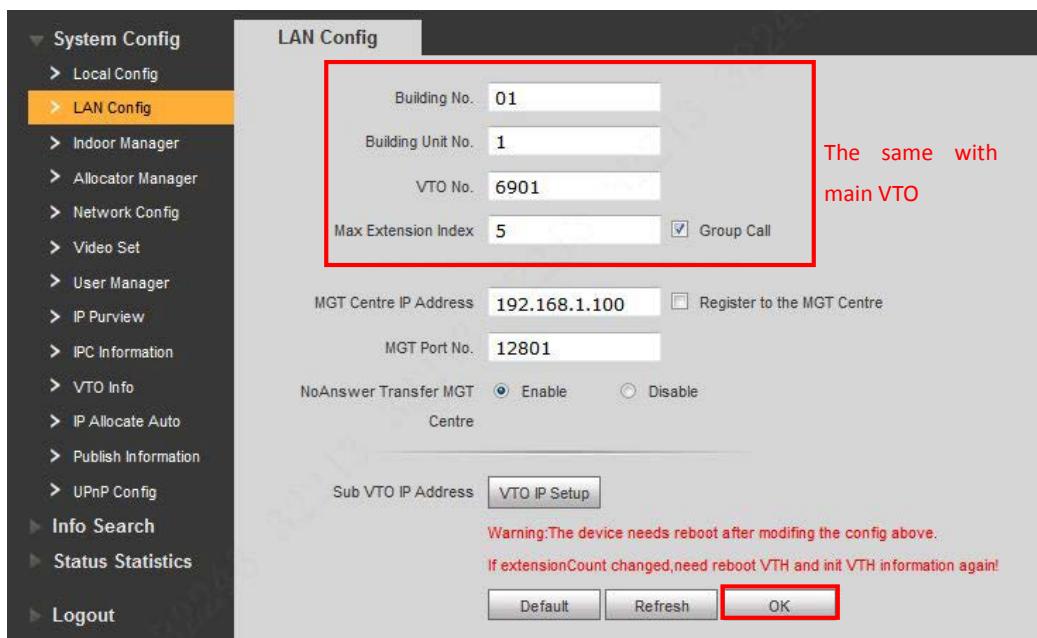
Step 1 Open the Sub VTO's web interface. Check Local Config, choose System Type as TCP/IP. Check OK to save it.



Step 2 System Config -> Video Set, choose Video Format into D1



Step 3 Check LAN Config, keep it same with Main VTO. Check OK to save it.



Step 4 Check Indoor Manager>Digital Indoor Station Manager, add room No.

The screenshot shows a software interface titled "Digital Indoor Station Manager". On the left, there is a navigation tree under "System Config" with several options: Local Config, LAN Config, Indoor Manager (which is highlighted in orange), Allocator Manager, Network Config, Video Set, User Manager, IP Purview, and IPC Information. The main area is a table with columns: FamilyName, FirstName, Nick Name, Room No., IP Address, Card No. Info, Modify, and Delete. Two rows are listed: 9901 and 9902, both with IP addresses 0.0.0.0. Below the table are four buttons: Add, Export Config, Import Config, and Issue Card. The "Add" button is highlighted with a red box. At the bottom right are navigation icons for back, forward, and search.

FamilyName	FirstName	Nick Name	Room No.	IP Address	Card No. Info	Modify	Delete
			9901	0.0.0.0			
			9902	0.0.0.0			

Step 5 Config the room No. You can refer to 'How to config analog VTH room No. '.

Note: VTH only can monitor Main VTO, it can't monitor Sub VTO. When Sub VTO call VTH, VTH support answer and unlock the door of Sub VTO.