Fast operation of Apartment System

1 IP System (VTO12xxx)

1.1 system Structure





1.2 Operation Steps

VTO---- The default IP of VTO is 10.22.5.189, and the project setting password is #8888888#;

VTH--- The default IP of VTH is 10.22.5.180, and the project setting password is 002236;

Note:

When you want to connect the devices, please make sure the IP address of VTO and VTH are in the same network segment.

1.2.1 VTO WEB Config

Filled in the VTO' IP address in the IE explorer, it will show a log interface as Figure 2-1, account/password are admin/admin.

_	P VDP Door S	Station Web Server V	V1.0	
	Usemame:			
	Password:	Login Cancel]	
			-	

Figure 2-1

Basic Configuration:

Step 1 Check system Config>Local Config> set Video Format into WVGA, see Figure 2-2

System Config	Local Config	A&C N	lanager	System Time		
> Local Config 🗲 🗕	(1) Unit Laver Amount:		10			
> LAN Config	Room Amount in Or	ne Laver:	4			
> Indoor Station Manager	Device Type		Villa Station	-		
> Network Config	VTO Model		VT06110B			
> Change Password	Video Format		WVGA		2)	
Info Search	Reboot Date				2	
Status Statistics			Tuesday			
Logout	Volume Config		40	<u> </u>	~	
	Frame Rate		25	_	3	
	Version Info		2013-05-08 V1			
	Restore Backup		Card Info C	th Info		
			Default	Refresh	ок ОК	Default All
			Restore Backu	p		

Figure 2-2

Step 2 Check Indoor Station Manager, click on Add to add one VTH Short No., such as: 102. See Figure 2-3.

▼ System Config	Indoor Statio	n		
> Local Config	Digital Indoo	Station		
> LAN Config	FamilyName	FirstName Room N	lo. SN	IP Address
Indoor Station Manager	- (1)	Add		×
> Network Config				
> Change Password		FamilyName	example	
▶ Info Search		FirstName	example	
Status Statistics		VTH Short No.	102 3 -	-2
▶ Logout		IP Address		
			OK Cancel	
		7		
	Add			



1.2.2 Main VTH Setup

On the VTH's screen, please point Setting> Project Settings> 002236

Step 1 Check Product Info, set Room No.(it need be same with the VTH short No. in Figure 2-3), Local IP, Subnet Mask, Gateway, then point OK to save it . See Figure 2-4.

₽	50	Project Settings					
	Room No.	102	Master	Product Info <			
	Local IP	172 5 1	105	₽ Network			
	Subnet Mask	255 255 0	• 0	"IPC Info			
	Gateway	172 5 0	1				
	MAC	00:01:5b:a1:33:44		Default			
	Version	Eng_P_V1.100.000	0.0.R.20130428	➔ Back			
		ОК					

Figure 2-4

Step 2 Check Network, input main VTO IP in Network, then point ok to save it. See Figure 2-5.

₽		Project Settings	G
	Main_VTO Name	Main VTO	🖬 Product Info
	Device Type	Unit Door Station	🖵 Network 🛛 <
<	VTO Middle No.	10116901	PC Info
	VTO IP Address	172 5 2 31	🗘 Default
	Network Port	13801	4
2	Enable Status		Back
		ОК	

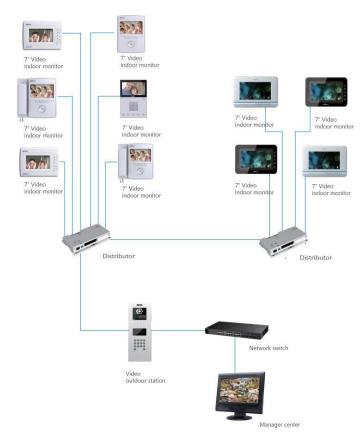
Figure 2-5

After the above operation steps, it can make a call from VTO and VTH.

2 Analogue system

VTO1210A-X and VTO1210B-X can be applied in both IP and analogue system. the config steps in analogue system as blew:

2.1 System Structure





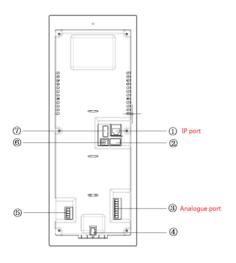
2.1.1 VTO1210A-X

Connect the device as Figure 2-2



Figure 2-2

The ports of VTO1210A_X as Figure 2-3, For the port ③, the way to connect the net cable as Figure 2-4.



- 01. Vandal Proof Alarm Button
- 02. Network Port
- 03. Access Control Input Port
- 04. Power Port
- 05. Access Control Output Port
- 06. Analog Signal Port
- 07. RS485 Port



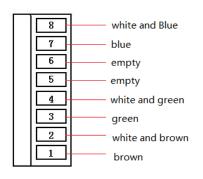


Figure 2-4

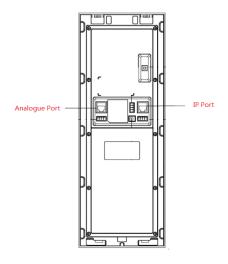
2.1.2 VTO1210B-X

Connect the device as Figure 2-5



Figure 2-5

The ports of VTO1210B_X as Figure 2-6,



01. Network port: to external switch (IN port)

- 02. Access Control Input Port.
- 03. Analog Signal Port
- 04. Vandal Proof Alarm Button
- 05. RS422 Port
- 06. Power Port
- 07. Access Control Output Port

Figure 2-6

2.2 Operation Steps

Step 1 Log in VTO's web interface, check System Setting>Local Setting, choose System Type into Analog, Video Format into D1, see Figure 2-7.

IP VDP Door St	ation Web Serv	ver V1.0	
System Setting	Local Setting	A&C Management	System Time
 Local Setting VTH Management LAN Setting Network Setting Change Password Info Search Status Statistics Logout 	Term No. Section No. Building No. Building Unit No.: District Unit SN: Floor Total: Room Total:	1 1 101 1 101 30 8	Choose 'Analog'
	System Type Device Type Video Format Boot up Audio Reboot Date Frame Rate Version Info	Tcp/IP Unit Door Station D1 N/A Tuesday 25 2012-11-08 V4.000.0.0 Default Delete All	here × × × × Refresh OK

Figure 2-7

Step2 Check Indoor Station Manager> Analog Indoor Station.Add the Room No. in the web interface. See Figure 2-8.

	Indoor Station					
Local Config Indoor Station Manager	Display Resident					
> LAN Config	Digital Indoor Sta Index	Analog Indoor Station	r Dial Address	Distributor Port No.	Modify	Delete
Network Config	2			1	2	•
> Change Password	3	Short No.	*	2	2	•
▶ Info Search	4	Distributor Address	1~99	4	2	•
Status Statistics	5	Distributor	Q~8	4	4	•
▶ Logout	6	ОК	Cancel	3	2	•
	7		Calcel	2	4	•
	8 4	403 330103011011040351		1	4	•
	Add	101 00000000000000000000000		î	◀ ◀ 1/2 ▶	Go to

Figure 2-8

Step 3 Press the button on the distributor to 'ON', see Figure 2-9



Figure 2-9

Step 4 After connecting, please press the Call button about 5 seconds to config the Room No.. See Figure 2-10.

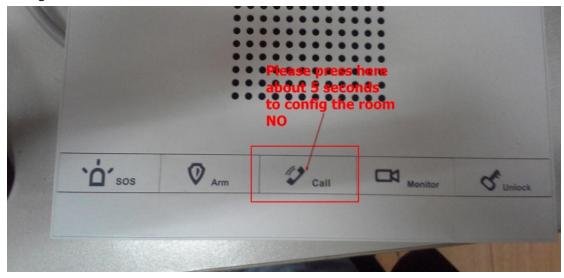


Figure 2-10

Step 5 Will get a blue screen, like follow picture. On the left will have a room NO with 4 numbers, can use SOS button change the first number, the Arm button can change second number, the monitor button can change third number, the unlock button can change fourth

number. See Figure 2-11



Figure 2-11

Step 6 After changing, press call button again, then reboot the VTH. If there are more than one VTH, please test them one by one.

3 Install lock and unlock button

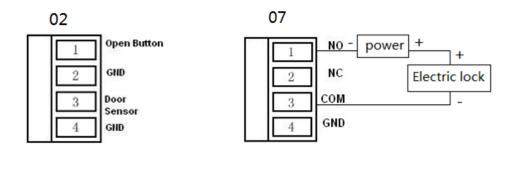
General types of lock in market are unlocking with power and unlocking without power.

3.1 VTO1210A/VTO1220A/VTO1210A-X(Figure 2-3)

Port 02—access control input port, which connect to signal from the door sensor, door on/off signal.

Port 07—access control output port, which control NO/NC of door lock.

Here make electric lock as example. When connect VTO to electric lock, make electric lock + toward VTO NO-end (03.3-pin 1) and electric – toward VTO COM-end. See Figure 3-1.



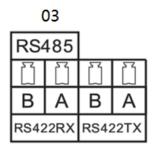


3.2 VTO1210B-X (Figure 2-6)

Port 03—access control input port, which connect to signal from the door sensor, door on/off signal.

Port 05—access control output port, which control NO/NC of door lock.

Here make electric lock as example. When connect VTO to electric lock, make electric lock + toward VTO NO-end (03.3-pin 1) and electric – toward VTO COM-end. See Figure 3-2



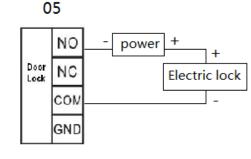


Figure 3-2

4 Issue Card by password

The device supports IC card with frequency 13.56MHz.

- Step1 Input the #888888# log on the project setting of the outdoor station
- Step2 Choose issue card, press * log on.
- Step3 Choose password issue card.
- Step4 Input the password:002236
- Step5 Input the room NO for the card, and put the card on the card reading area.
- Step6 After issuing card, press * to exit.