# Fast operation of Analog Apartment System 2017.8

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## 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**



	General_VTOXXX_Eng_P_16M_V3.120.0000.0.R.20170803	
VTO1210C-X	Device1 IP: 192.168.1.120	VT cybersecurity baseline
	Device2 IP: 192.168.1.222	
VTH1200DS	General_VTH1X0XX_MCU_V5.510.0000.0.R.160322	
VTH1200DS	General_VTH1X0XX_MCU_V5.510.0000.0.R.160322	
VTNS1060A		
VTNA1080B		
IE 11	Explorer11 Version :11.0.9600.18638	
Chrome	Ogeneration         Openeration         Openeration	
Windows 7	Windows 7 Enterprise edition	

#### **1.3** Firmware and software

## 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.

IP VDP Doc	or Station web se	rver V1.0				
🔷 System Config	Local Config A&	&C Manager	Sound Control	Talk Manager	System Time	Config Manager
Local Config     LAN Config     Indoor Manager     Allocator Manager     Network Config	System Type Sensor Storage point	Analogue 60 FTP	<ul> <li>✓</li> <li>✓</li> </ul>			
<ul> <li>Video Set</li> <li>User Manager</li> <li>IP Purview</li> <li>IPC Information</li> </ul>	Room Amount in One Layer Device Type Reboot Date	8 Unit Door Station Tuesday	n v	Room		
<ul> <li>VTO Info</li> <li>IP Allocate Auto</li> <li>Publish Information</li> <li>UPnP Config</li> </ul>	Version Info DialRule	2017-08-03 V Noserial	3.120.0000 V Warning:P Refresh OK	ease reboot VTH and Brow	serl	
Info Search Status Statistics Logout						



System Config	Video Set	Audio Set				
> Local Config			 			
> LAN Config			Main Format			
> Indoor Manager	1 /		Video Forma	t D1	•	
> Allocator Manager	1 1/2		Frame Rate	25	•	
> Network Config			Bitrate	2Mbps	-	
> Video Set			Extra Format			
> User Manager	A		Video Forma	t CIF	-	
> IP Purview			Frame Rate	25	•	
> IPC Information			Bitrate	256Kbps	-	
> VTO Info			Brightness	0		50
> IP Allocate Auto	and O		Contrast	0		50
Publish Information	7		Hue	0		50
VPnP Config			Saturation	0		50
Info Search			 GainAuto		-0-	90
Status Statistics			SceneMode	Automatic	•	
	Default Open	Door	Day/Night Mode	Colorful	•	
Logout			BackLight Mode	Disabled	•	

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

IP VDP Doo	or Station Web s	erver V1.0	18 <sup>97</sup>			
System Config	Analog Indoor Station Ma	anager				
> Local Config		- 62				
LAN Config	FamilyName	FirstName Nick Name	Room No SN	Device ID	Device Card No.	Modify Delete
> Indoor Manager					Port Info	
> Allocator Manager						
Network Config	Add				► ■ 1/1	🕨 🕨 Go to 🔤 📦
Video Set						
> Video Set	60					
> IP Purview						
> IPC Information						
P Syste	w Config Analog Indoo	Web Server V1.0	S. S.		_	
> 1 AN	I Config			_	Device Card No.	Me
> inde	Add Add				ort Info	WC.
> Allo	cator Manager	FamilyName				
> Net	work Config	FirstName			<b>A</b> 1/1	• •
> Vide	eo Set	Nick Name				
> Use	r Manager	VTH Short No				
> IP F	urview	VIII Short No.				
> IPC	Information	Device ID				
> VTC	) Info	Device Port				
> IP A	Ilocate Auto		OK Cancel			
> Pub	lish Information					
> UPr	nP Config					
Info S	iearch					

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.

IP VDP Doo	or Station Web Se	rver V1.0				
🚽 System Config	Local Config A8	C Manager Sour	d Control	Talk Manager	System Time	Config Manager
> Local Config						
> LAN Config	System Type	Analogue	$\checkmark$			
> Indoor Manager	Sensor	60				
> Allocator Manager	Storage point	FTP	~			
> Network Config	Unit Laver Amount	30	_			
> Video Set	onic Edyor Announc	-				
> User Manager	Room Amount in One Layer	8	Create Ro	oom		
> IP Purview	Device Type	Unit Door Station	$\checkmark$			
> IPC Information	Reboot Date	Tuesday	~			
> VTO Info	Version Info	2017-08-03 V3 120 00	00			
> IP Allocate Auto	60					
> Publish Information	DialRule		Varning:Plea	ise reboot v I H and Brow	iser!	
> UPnP Config		Default Refresh	OK			

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.

- System Config	LAN Config	
> Local Config		Ref
> LAN Config	Building No.	01
> Indoor Manager	Building Unit No.	1
> Allocator Manager	VTO No.	6901
> Network Config		
> Video Set	Max Extension Index	5 Group Call
> User Manager		
> IP Purview	MGT Centre IP Address	10.22.5.254 Register to the MGT Centre
> IPC Information	MGT Port No.	12801
> VTO Info	NoAnswer Transfer MGT	C Enable   Disable
> IP Allocate Auto	Centre	
> Publish Information		
> UPnP Config	Sub VTO IP Address	VTO IP Setup
► Info Search		Warning The device needs reboot after modifing the config above
Status Statistics		If extensionCount changed, need reboot VTH and init VTH information again!
► Logout		Default Refresh OK

LAN Config				
Building No.	01			
Building Unit No.	1			
VTO No.	6901 S	et Sub VTO		E
Max Extension Index	5	Sub VTO IP Address	Port No.	Status
		192.168.1.222	13801	Enable
MGT Centre IP Address	10.22.5.			Enable
MGT Port No.	12801			Enable
NoAnswer Transfer MGT	C) Enable			Enable
Centre			OK Cancel	
Sub VTO IP Address	VTO IP Setup	· · · · ·		
	Warning: The dev	ice needs reboot after modifing the con	ig above.	
	If extensionCoun	t changed,need reboot VTH and init VTH	information again!	
	Default	Refresh OK		

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 Doo	or Station	Veb Server V1.0								
System Config	Analog Indoor Statio	on Manager								
Local Config     LAN Config	FamilyName	FirstName	Nick Name	Room No.	SN	Device ID	Device Port	Card No. Info	Modify	Delete
<ul> <li>Indoor Manager</li> <li>Allocator Manager</li> </ul>									N Co to	
<ul> <li>Network Config</li> <li>Video Set</li> </ul>	Add						r		Go to	
<ul> <li>User Manager</li> <li>IP Purview</li> </ul>										
> IPC Information										
> VIO Info	J								-94*	
IP	VDP Door Stat	ion Web Sen								

System Config	Analog Indoor Station Manager	
	Fodd	Device Card No. M
> Indoor Manager	Au	on imo
> Allocator Manager	FamilyName	
	FirstName	
	Nick Name	
	VTH Short No	
	Device ID	
	Device Port	
	OK Cancel	
> UPnP Config		14.27
▶ Info Search		
- A		



#### 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.

v System Config	Local Config Ad	&C Manager	Sound C	ontrol	Talk Manager	System Time
> Local Config	-		-			-
> LAN Config	System Type	TCP/IP				
> Indoor Manager	Sensor	60				
> Allocator Manager	Storage point	FTP	•			
> Network Config	Linit Laver Amount	1				
> Video Set	onic Layor / mooni	-				
> User Manager	Room Amount in One Layer	1		Create R	oom	
> IP Purview	Device Type	Unit Door Stati	on 👻			
> IPC Information	Reboot Date	Tuesday	•			
VTO Info	Version Info	2017.00.021	/2 120 0000 (			
> IP Allocate Auto	v craion into	2017-08-03	/3.120.0000.0			
> Publish Information	DialRule	Noserial	<b>T</b>	Warning:Pleas	e reboot VTH and Brows	ser!
> UPnP Config		Default	Refresh	ОК		

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.

🔻 System Config	LAN Config			
> Local Config		2		
> LAN Config	Building No.	01		
> Indoor Manager	Building Unit No.	1		The same with
> Allocator Manager	VTO No.	6901		main VTO
> Network Config	May Extension Index	5	Crown Call	
> Video Set	max Extension index	5	Group can	
> User Manager				
> IP Purview	MGT Centre IP Address	192.168.1.100	Register to the	MGT Centre
> IPC Information	MGT Port No.	12801		
> VTO Info	NoAnswer Transfer MGT	Enable	Disable	
> IP Allocate Auto	Centre			
> Publish Information				
> UPnP Config	Sub VTO IP Address	VTO IP Setup		
▶ Info Search		Warning:The device nee	eds reboot after modifir	ng the config above.
<b>Status Statistics</b>		If extensionCount chang	ged,need reboot VTH a	nd init VTH information again!
▶ Logout		Default	efresh OK	

Loosl Confin	igital indoor station man							
LOCAL CONTIG	FamilyName	FirstName	Nick Name	Room No.	IP Address	Card No. Info	Modify	Delete
Index Harris				9901	0.0.0.0		1	•
ndoor manager				9902	0.0.0.0		2	•
Network Config	Add Export Config	Import Config Issue Card					ИЧ	1 / 1 🕨 🎽 Go to
√ideo Set								
Jser Manager								
P Purview								

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

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.