

Fast operation of IP 2-Wire System

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1. IP 2-Wire System

This document lists the involved firmware and software, and just [explains the wiring of IP 2-wire system](#).

Note: Except the wiring, the fast operation of IP 2-Wire system is the same as IP system, so you can [refer to](#) 'Fast operation of IP Villa System', 'Fast operation of IP Small Apartment system' and 'Fast operation of IP Apartment system' for more information.

2. IP 2-Wire Villa System (Parallel or Series)

The application and effect of parallel or series is the same. But the parallel system is more stable.

2.1 Firmware and software

VTO2000A-2	General_VTO2000A- 2_Eng_P_16M_V3.120.0000.0.R.20170803 Device1 IP: 192.168.1.110	VT cybersecurity baseline
VTH1550CHW-2	General_VTH1550CHW-2_Eng_P_V4.000.0000.0.R.20170803 IP: 192.168.1.109 Room No.9901	VT cybersecurity baseline V4.0 indicates NEW UI
VTH1550CHW-2	General_VTH1550CHW-2_Eng_P_V4.000.0000.0.R.20170803 IP: 192.168.1.108 Room No.9902	VT cybersecurity baseline V4.0 indicates NEW UI
VTNC3000A		
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	

Note: VTO2000A-2, VTH1550CHW-2 and VTNC3000A [can't be used in IP 2-Wire Apartment System](#).

2.2 Wiring of parallel system

2-wire network controller supports 4 2-wire devices, to connect into network, see figure 2-1.

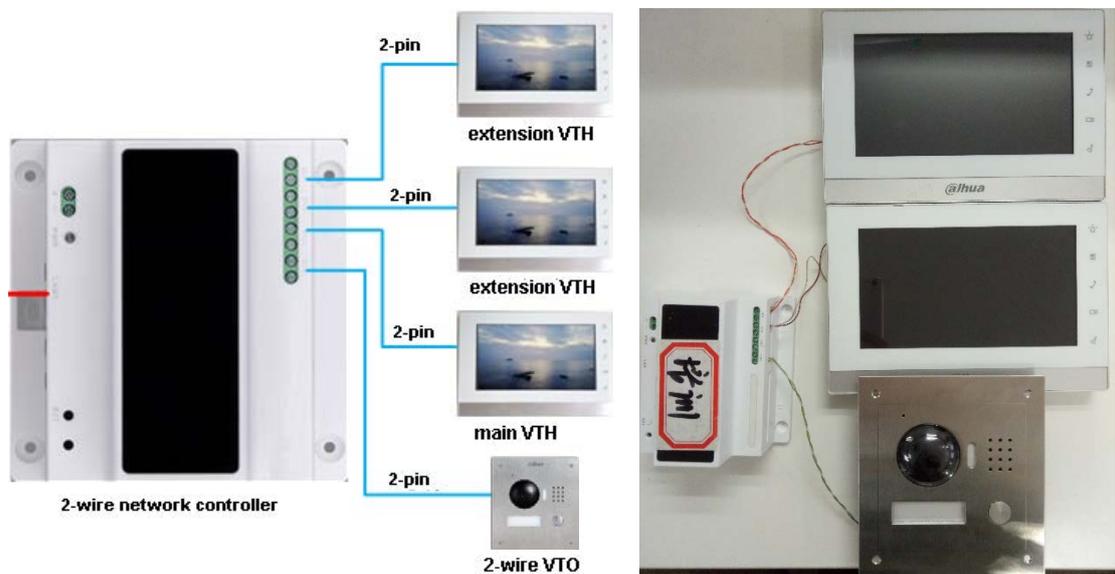


Figure 2-1

Note: VTO2000A-2 and VTH1550CHW-2 are powered by VTNC3000A.

2.3 Wiring of series system

Note: VTH has 1 master VTH and up to 3 extension VTHs. see figure 2-2.

Remember to set group call, and the configuration is the same as 1VTO+mVTH in IP system.

Refer to 'How to configure: 1 VTO + m VTH'.

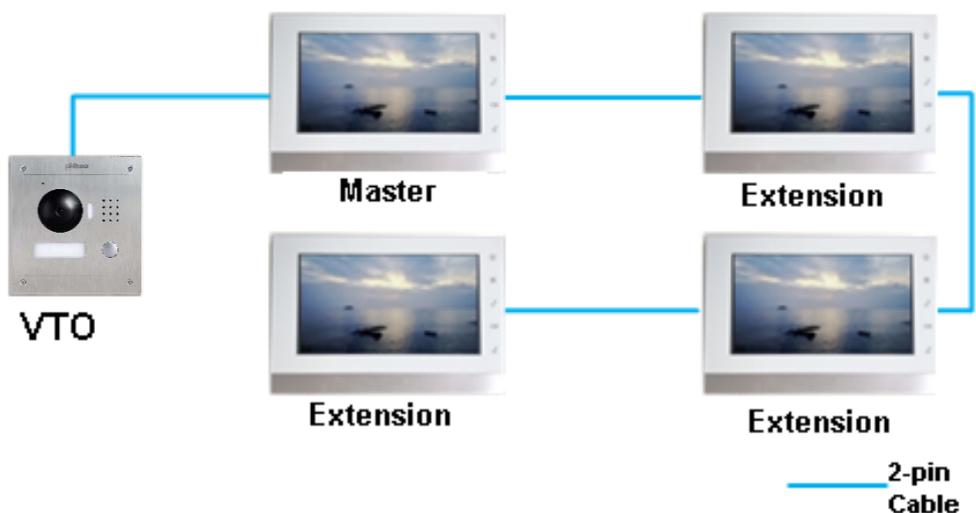


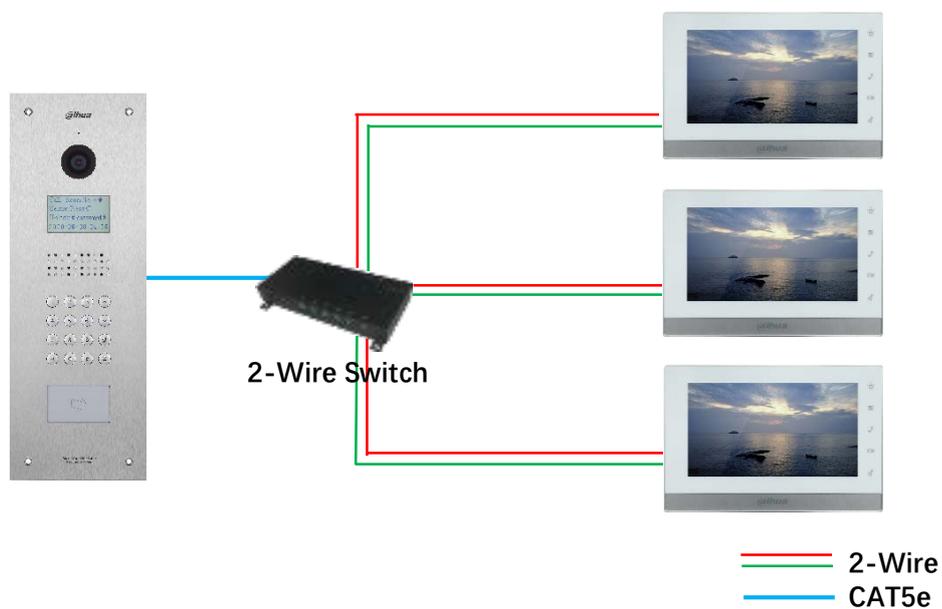


Figure 2-2

3. IP 2-Wire Apartment System

3.1 Overview

2-wire switch networking is in figure 3-1.



In IP 2-Wire Apartment System, VTNS1006A-2 and VTH5222CH must be used.

3.2 Firmware and software

VT01210C-X	General_VTOXXX_Eng_P_16M_V3.120.0000.0.R.20170803 Device1 IP: 192.168.1.110	VT cybersecurity baseline
VTH5222CH	General_VTH52X1D_Eng_P_V4.000.0000.0.R.20170803 IP: 192.168.1.109 Room No.9901	VT cybersecurity baseline V4.0 indicates NEW UI
VTH5222CH	General_VTH52X1D_Eng_P_V4.000.0000.0.R.20170803 IP: 192.168.1.108 Room No.9902	VT cybersecurity baseline V4.0 indicates NEW UI
VTNS1006A-2		
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	