



Video Intercom / Access Control

Products and Solutions



CONTENT



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VIDEO INTERCOM 03-24

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- Small Apartment Solution
- Big Apartment Solution

02

ACCESS CONTROL 25-39

□ PRODUCTS

- Face Recognition Terminal
- Multi-door Controller System
- Reader
- Standalone Terminal
- Time Attendance Terminals
- Entrance Gates
- Accessories

□ SOLUTIONS

- Access Control Solution Layout
- Face Terminal Solution
- Time Attendance Layout
- Software





VIDEO INTERCOM








IP Apartment Door Stations

- 1.3/2.0MP CMOS camera
- OLED, STN, OLED screen
- Night vision
- Echo cancellation
- Voice indicator
- Video & audio messaging

IP Apartment Door Stations

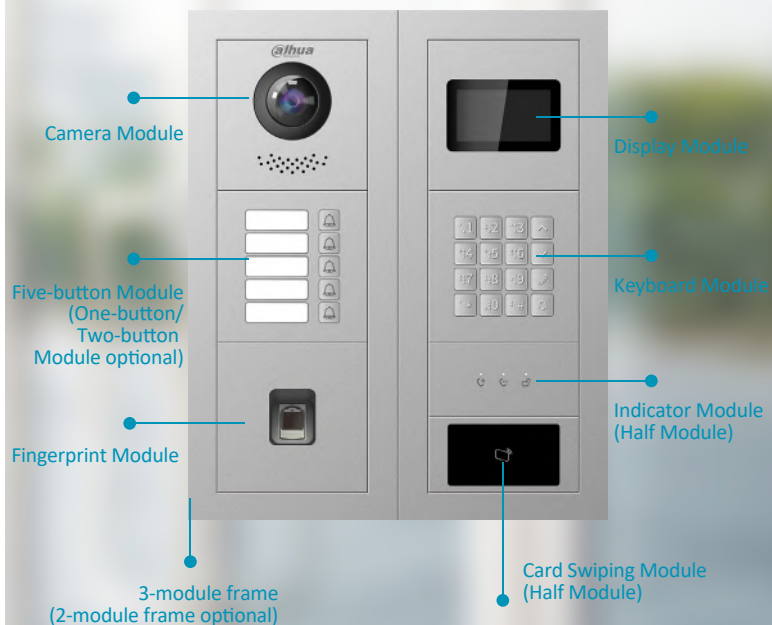
	Apartment Door Stations			
	VTO9541D	VTO7541G	VTO7521G	VTO6521F
Model				
Image Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.7" 2MP CMOS
Lens	4mm	4mm	4mm	2.8mm
Angle of View	H: 94.16°, V: 49.57°, D: 113.65°	H: 88°, V: 47°, D: 105°	H: 88°, V: 47°, D: 105°	H: 113.79°, V: 61.5°, D: 134.45°
Day/Night	Color Image	Color Image	Color Image	Color Image
Screen	10" LCD screen	8" IPS 800×1280	8" IPS 800×1280	4.3" IPS screen
Reader	Mifare Card	Mifare Card Fingerprint Face Recognition	Mifare Card	Mifare Card
Proximity Sensor	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Keypad	Touch Screen	Touch Screen	Touch Screen	Mechanical Button with Braille
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP65, IK07	IP66, IK07	IP66, IK07	IP65, IK07
Tamper Switches	1	1	1	1
Ethernet	10M/100Mbps	10M/100/1000Mbps	10M/100/1000Mbps	10M/100Mbps
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Tempered Glass Aluminum	Tempered Glass Aluminum	Tempered Glass Aluminum	Aluminum alloy
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12V/2A, Max 18W	DC12V/2A, Max 24W	DC12V/2A, Max 24W	DC12V/2A, Max 18W

IP Apartment Door Stations





	Apartment Door Stations				
	VTO6541H	VTO6531H	VTO6521H / VTO6521H-D	VTO6221E-P	VTO1210C-X-S1
Model					
Image Sensor	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/3" 1.3MP CMOS
Lens	4.0mm	4.0mm	4.0mm	2mm	4mm
Angle of View	H: 87.42°,V: 46.48°,D: 104.13°	H: 87.42°,V: 46.48°,D: 104.13°	H: 113.79°,V: 61.5°,D: 134.45°	H:138°,V:78°, D:158°	H:71°, V:52°, D:95°
Day/Night	Color Image	Color Image	Color Image	Color Image	Color Image
Screen	4.3" IPS screen	4.3" IPS screen	4.3" IPS screen	2.3" OLED	3" STN 128x64
Reader	Face Recognition Fingerprint Mifare Card	Face Recognition Mifare Card	Mifare Card (VTO6521H) ID Card (VTO6521H-D)	Mifare Card	Mifare Card
Proximity Sensor	Motion Detection	Motion Detection	Motion Detection	—	0.6m
Keypad	Touchpad	Touchpad	Touchpad	Mechanical Button with Braille	Mechanical Button
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP65	IP65	IP65	IP65, IK08	IP54, IK07
Tamper Switches	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	PC+ABS	PC+ABS	PC+ABS	Aluminum	Stainless Steel
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-40°C~+60°C (-40°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12V/2A,Max 18W	DC12V/2A,Max 18W	DC12V/2A,Max 18W	DC12V/2A,POE(802.3af),Max7W	DC12V/2A,Max 10W

IP Modular Door Station







- 2.0MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Echo cancellation
- Modular design
(Max 9 modules, VTO4202F-P needed)



IP Modular Door Station

	Modular Door Station Modules			
	VTO4202F-P	VTO4202F-MB1	VTO4202F-MB2	VTO4202F-MB5
Model				
Image Sensor	1/2.8" 2MP CMOS	—	—	—
Lens	2mm	—	—	—
Angle of View	H:160°, V:82°, D:180°	—	—	—
Day/Night	ICR	—	—	—
Screen	—	—	—	—
Reader	—	—	—	—
Keypad	—	Mechanical Button	Mechanical Button	Mechanical Button
Indicator light	—	—	—	—
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	—	—	—
Ingress Protection	IP65, IK07	IP65, IK07	IP65, IK07	IP65, IK07
Tamper Switches	1	—	—	—
Ethernet	10M/100Mbps	—	—	—
Installation	Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Aluminum	Aluminum	Aluminum	Aluminum
Working Temperature	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)
Power Supply	DC12V, 2-Wire or PoE(802.3af) Max 12W	DC 5V/1W (Powered by main modules)		

IP Modular Door Station

	Modular Door Station Modules					
	VTO4202F-MS	VTO4202F-MF	VTO4202F-MK	VTO4202F-ML	VTO4202F-MR	VTO4202F-MN
Model						
Image Sensor	—	—	—	—	—	—
Lens	—	—	—	—	—	—
Angle of View	—	—	—	—	—	—
Day/Night	—	—	—	—	—	—
Screen	3.0" STN	—	—	—	—	—
Reader	—	Fingerprint	—	—	Mifare Card	—
Keypad	—	—	Mechanical Button with Braille	—	—	—
Indicator light	—	—	—	Calling/Answer/Unlock	—	—
Door Control	—	—	—	—	—	—
Ingress Protection	IK07, IP65	IP65, IK07	IP65, IK07	IP65, IK07	IP65, IK07	IP65, IK07
Tamper Switches	—	—	—	—	—	—
Ethernet	—	—	—	—	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Working Temperature	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)
Power Supply	DC 5V/1W (Powered by main modules)					

IP Villa Door Stations

- 2.0MP CMOS camera
- Night vision
- Voice indicator
- Group calls
- Video & audio messaging
- Remote intercom with mobile app



IP Villa Door Stations

	Villa Stations					
	VTO2202F-P	VTO3221E-P	VTO2111D-P-S2	VTO2211G-P	VTO3211D-P/P2/ P4-S2	VTO2101E-P-S1
Model						
Image Sensor	1/2.8" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.7" 2MP CMOS
Lens	1.95 mm	2mm	2.1mm	2mm	1.9mm	2.8mm
Angle of View	H:160°, V:82°, D:180°	H:138°, V:78°, D:158°	H:107°, V:61°, D:122°	H:125°, V:72°, D:142°	H:134°, V: 94.8°, D:151°	H:77°, V:55°, D:100°
Day/Night	ICR	Color Image	ICR	ICR	ICR	ICR
Indicator light	Calling Answer Unlock	Calling Answer Unlock	Calling	Calling	—	—
Reader	—	Mifare Card	Mifare Card	Mifare Card	Mifare Card	—
Keypad	Mechanical Button	Mechanical Button with Braille	Mechanical Button	Mechanical Button	Mechanical Button	Mechanical Button
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay out 1 RS485
Ingress Protection	IP65, IK07	IP65, IK08	IP65	IP65	IP65, IK08	IP65, IK10
Tamper Switches	1	1	1	1	1	1
2-Wire	Supports	—	—	—	—	—
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Surface & Flush	Surface	Surface	Surface	Surface
Material	Aluminum	Aluminum	Plastic	PC + Acrylic	Aluminum	Front Panel: Zinc alloy Rear Panel: Aluminum alloy Holder: Aluminum alloy
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-40°C~+60°C (-40°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12V, PoE(802.3af), ≤12W	DC12V, PoE(802.3af), Max 10W	DC12V, PoE(802.3af), Max 5W	DC12V, PoE(802.3af), Max 7W	DC12V, PoE(802.3af), Max 10W	DC 12V, PoE(802.3af), Max 7W






VIDEO INTERCOM

IP Indoor Monitors

- Color TFT LCD screen
- IPC surveillance
- Alarm integration
- Record and snapshot
- Emergency call
- Excellent design



IP Indoor Monitors

	Indoor Monitors				
	VTH5421E(W)-H	VTH1550CH-S2	VTH2421FW-P VTH2421FB-P	VTH2421FW/FB	VTH5341G-W
Model					
LCD Screen	7" TFT 1024×600 Capacitive	7" TFT 800×480 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive	10" TFT 1024×600 Capacitive
Button Type	—	Touch	—	—	—
RS485	1	1	—	—	1
Alarm In/Out	6/1	6/1	6/1	6/1	8/1
Memory Slot	Micro SD, Max 32GB	Micro SD, Max 32GB	Embedded 8GB	—	Micro SD, Max 256GB
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface, Desktop	Surface	Surface, Desktop	Surface, Desktop	Surface
Material	Plastic	Plastic	Plastic	Plastic	Plastic
Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (40°F~+140°F)	-10°C~+55°C (14°F~+131°F)
Power Supply	DC12V, PoE(802.3af), Max 5W	DC12V, Max 7W	DC12V, PoE(802.3af), Max 6W	DC12V, Max 7W	DC12V, PoE(802.3af), Max 7W

IP 2-Wire Systems

- 2.0 MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Group calls
- Remote intercom with mobile app (VTNS1006A-2 needed)
- Network signal and power over 2 wires
- Easily replaces existing analog systems

IP 2-Wire Systems-2

	Villa Door Station		Modular Door Station		2-wire monitor
	VTO2202F-P		VTO4202F-P		VTH5222CH-S1
Model		Model		Model	
Image Sensor	1/2.8" 2MP CMOS	Image Sensor	1/2.8" 2MP CMOS	LCD Screen	7" TFT 800x480 Capacitive
Lens	1.95mm	Lens	2mm	Button Type	Touch
Angle of View	H:160°, V:82°, D:180°	Angle of View	H:160°, V:82°, D:180°	RS485	1
Day/Night	ICR	Day/Night	ICR	Alarm In/Out	6/1
Indicator light	Calling Answer Unlock	Screen	—	Memory Slot	Micro SD, Max 32GB
Reader	—	Reader	—	Ethernet	10M/100Mbps
Keypad	Mechanical Button	Keypad	—	Installation	Surface
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Indicator light	—	Material	Plastic
Ingress Protection	IP65, IK07	Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Working Temperature	-10°C~+55°C (14°F~+131°F)
Tamper Switches	1	Ingress Protection	IP65, IK07	Power Supply	DC24V, Max 7W
2-Wire	Supports	Tamper Switches	1		
Ethernet	10M/100Mbps	Ethernet	10M/100Mbps		
Installation	Surface & Flush	Installation	Flush		
Material	Aluminum	Material	Aluminum		
Working Temperature	-30°C~+60°C (-22°F~+140°F)	Working Temperature	-20°C~+60°C (-4°F~+140°F)		
Power Supply	DC12V, 2-Wire or PoE(802.3af), ≤12W	Power Supply	DC12V, 2-Wire or PoE(802.3af) Max 12W		




VIDEO INTERCOM

Wi-Fi Systems

- HD CMOS camera
- Large field of view
- Night vision
- Voice indicator
- IPC surveillance
- Alarm integration
- Remote intercom with mobile app
- Easy installation- plug & play



Wi-Fi Systems



	Door Station		Indoor Monitors	
	VTO2211G-WP		VTH5221D(W)-S2	VTH5241DW-S2
Model		Model		
Image Sensor	1/2.8" 2MP CMOS	LCD Screen	7" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive
Lens	2mm	Camera	—	—
Angle of View	H:125°, V:72°, D:142°	Button Type	Touch	Touch
Day/Night	ICR	RS485	1	1
Reader	Mifare Card	Alarm In/Out	6/1	6/1
Keypad	Mechanical Button	Memory Slot	Micro SD, Max 32GB	Micro SD, Max 32GB
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Wi-Fi	IEEE802.11b/g/n 2.4GHZ	IEEE802.11b/g/n 2.4GHZ
Ingress Protection	IP65	Ethernet	10M/100Mbps	10M/100Mbps
Tamper Switches	1	Installation	Surface	Surface
Memory Slot	—	Material	Plastic	Plastic
Wi-Fi	IEEE802.11b/g/n, 2.4GHz	Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
Ethernet	10M/100Mbps	Power Supply	DC 12, PoE(802.3af) Max 7W	DC 12, PoE(802.3af) Max 8W
Installation	Surface			
Material	PC + Acrylic			
Working Temperature	-30°C~+60°C (-22°F~+140°F)			
Power Supply	DC 12, PoE(802.3af) Max 7W			

Analog Villa KIT

- 2MP CMOS camera
- 4-wire
- Night vision
- Echo cancellation
- Easy installation
- Plug & Play
- Color TFT screen



KTA01

	Villa Door Stations		Villa Indoor Monitor
	VTO2010D		VTH2020DW
Model		Model	
Image Sensor	1/ 2.7" 2MP CMOS	LCD Screen	7" TFT 800x480
Lens	3.3mm	Button Type	Mechanical Button
Angle of View	H:70° V:38° D:82°	Alarm In/Out	—
Day/Night	ICR	Installation	Surface
Reader	—	Material	Plastic
Keypad	Mechanical Button	Working Temperature	-10°C~+55°C (+14°F~+131°F)
Door Control	1 Relay Out 1 Exit Button	Power Supply	DC12V, Max 5W
Ingress Protection	IP65, IK07		
Tamper Switches	—		
Installation	Surface		
Material	Metal/Plastic		
Working Temperature	-30°C~+50°C (-22°F~+122°F)		
Power Supply	DC12V, Max 3W		

KIT contains

1x VTO, 1x VTH, power supply, installation bracket, cable with connector

KIT

- New package style, new experience
- Multiple combinations to meet diverse requirements
- Complete accessories, easy installation and operation
- Quick configuration
- Cost-effective



IP



KTP01

IP



KTP02

Wi-Fi



KTW01

ACCESSORIES

VTO1210C-X-S1		
		
Model	VTOB103	VTOB110
Installation	Flush	Surface

VTO75x1G / VTO65x1H / VTO6521F		
		
Model	VTM121	VTM130
Installation	Flush	Surface






Desktop mounting bracket

VTM123
Desktop

VTO2202F / VTO2202F-P		
		
Model	VTM114	VTM115
Installation	Flush	Surface

VTO4202F Series		
		
Model	VTM125+VTM127	VTM126+VTM128
Installation	Surface & Flush	Surface & Flush

IP	2-Wire	Access Control
Model	VTNS1060A	VTNS1006A-2
Appearance		
Description	6ch Dahua PoE switch 30 cascading DC24V, Max 45W	6ch distributor 30 cascading DC24V, Max 45W
		DEE1010B
		
		RS485 converter DC12V, Max 1W

Power Supplies				Distributed Power Supply	UPS
Model	PFM321D Series	PFM320D Series	ADS-110DL-19-1 240072E	PFA34x Series	PFM35x Series
Appearance					
Description	DC12V, 1A	DC12V, 2A	DC24V, 3A	DC12V, 4A-5CH/5A-9CH/ 10A-9CH/20A-19CH	Line-interactive: 600VA/360W, 1500VA/900W Smart-online: 1000VA/900W

DMSS

Digital Mobile Surveillance System

Answer the door with your smartphone
Unlock remotely



Devices	Add Device Method	IP/domain, SN
	Supported Devices	Villa VTO, Modular VTO, IPC
VDP Operation	Talk	Video talk with VTO
	Control	Open door remotely
	Alarm Push	Local Alarm
Live Preview	Features	Snapshot, Record
Minimum System Requirements	OS	gDMSS: Android 2.2 or above; iDMSS: IOS 6.0 or above
	CPU	1GHz or above
	RAM	1G or above
	Display Resolution	480×800 or above

DSS Agile VDP

Monitor VTO via mobile phone
Receive the call which transfers from VTH
Unlock the VTO remotely
Push unlock notification to the mobile phone
Maximum support 5000 users, up to 5 users per household



Devices	Add Device Method	IP/Domain
	Supported Devices	SIP VDP devices (DSS must be used as SIP server)
VDP Operation	Talk	Receive video calls transferred from VTH
	Control	Open door remotely
	Alarm Push	Support
Live View	Features	Unlock history, call history
Minimum System Requirements	OS	Andorid: 4.0 or above, iOS: 9.0 or above
	CPU	1 GHz or above
	Memory	Andorid: 2GB or above, iOS: 1GB or above
	Display Resolution	480×800 or above

SOFTWARE & MANAGEMENT DEVICES

VTS5340B

Master Station

Receive calls from devices
Monitor door station
Unlock Remotely



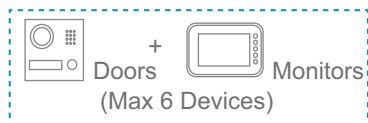
Max. Management VTOs	20
LCD Screen	10" TFT 1024×600 Capacitive
Button Type	Touch
Audio In/Out	2/1
Ethernet	10M/100Mbps
Material	Plastic
Working Temperature	-10°C~+55°C
Power Supply	DC12V, Max 24W

Video Intercom SIP Server

Receive emergency calls from devices
Monitor door stations
Send public messages
Unlock remotely
Card, Fingerprint Management

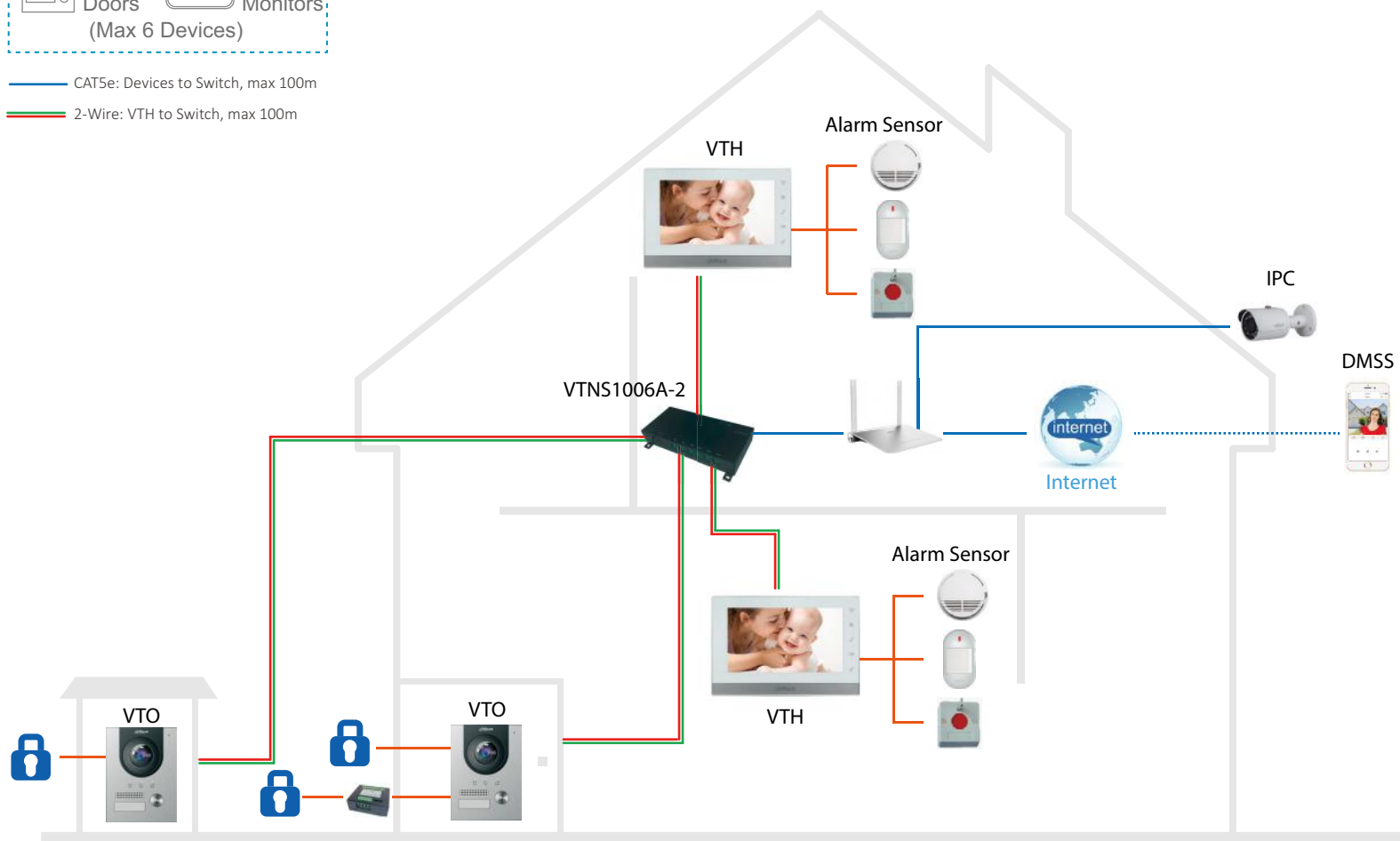


Devices & Users	Max. Linked VDPs	80VTO + 20VTS+ 1000VTH (DSS PRO) 64VTO + 1000VTH (DSS4004-S2) 160VTO + 2000VTH (DSS7016D-S2)
VDP Operation	Talk	2-way video talk between VTO and control center 2-way audio talk between VTH/SIP phone and control center VTH and SIP phone group call Push notification to VTH Transfer video talk request to mobile phone from VTH Maximum support 50 simultaneous calls
	Control	Control center and mobile phone remote unlock SIP phone remote unlock by the password All-in-one face, card and finger print authority management
	Announcement	Send text message to VTH
Live View	Video Display Split	1/4/6/8/9/16/25/36 or customized split for Mac, up to 64 for Windows
	Max. Preview Screen	4
	Features	Snapshot, Audio, Record, Talk, Playback etc.
Minimum System Requirements	OS	OS for Server: Windows 7/Windows 8.1/Windows 10/Windows Server 2008 OS for Control Client: Windows 7/Windows 8.1/Windows 10
	Disk Space	200GB and higher for DSS Express / DSS Pro
	Memory	8GB
	Display Resolution	1024×768 or above



— CAT5e: Devices to Switch, max 100m

— 2-Wire: VTH to Switch, max 100m



➤ IP 2-Wire Villa Solution

This system uses two wires to transmit data signals and power. 2-wire indoor monitors access the Internet easily through a special converter. The system adapts to multiple wiring environments easily and enables all digital villa functions. Replace your existing analog villa system with the Dahua Villa Solution and create a complete IP world.

Features



Video & Audio Calls



Night Vision



Group Calls



Smartphone app



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance

Recommended Products



VTO2202F-P

2MP CMOS
IP65, IK07

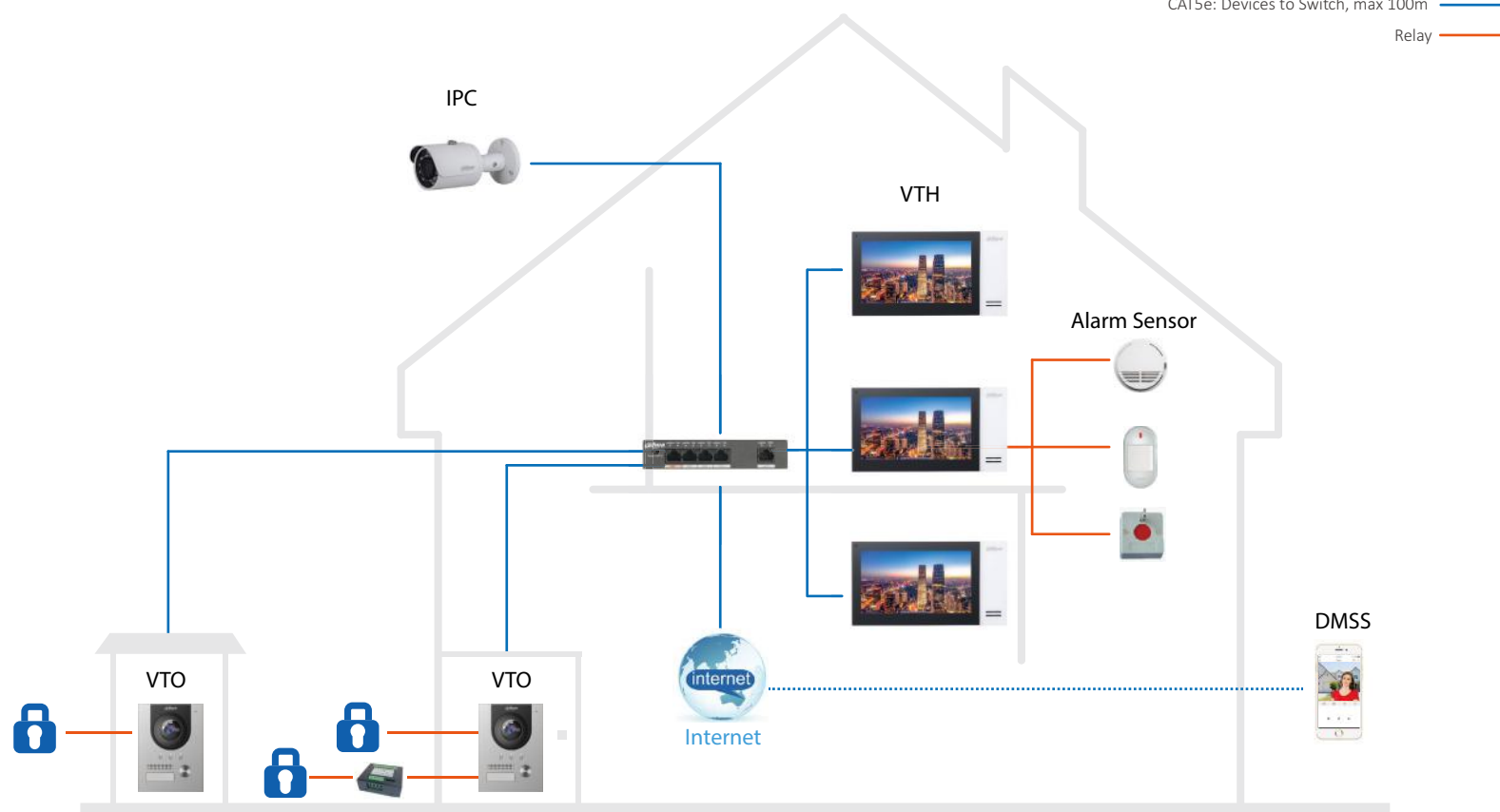


VTH5222CH-S1

Indoor Monitor
7" Capacitive

➤ IP Villa Solution (1-Flat)

Our IP Villa Solution comes complete with a rich set of features such as remote intercom, door control, real-time video surveillance, and notifications pushed to your mobile phone. No matter where you are, no visitors or messages will be missed.



Features



Video & Audio Calls



Night Vision



Group Calls



Standard PoE



Remote Unlock



Alarm Integration



Video & Audio
Messaging



IPC Surveillance

Recommended Products



VTO2202F-P

Villa Door Station
2MP CMOS, 160°
IP65, IK07

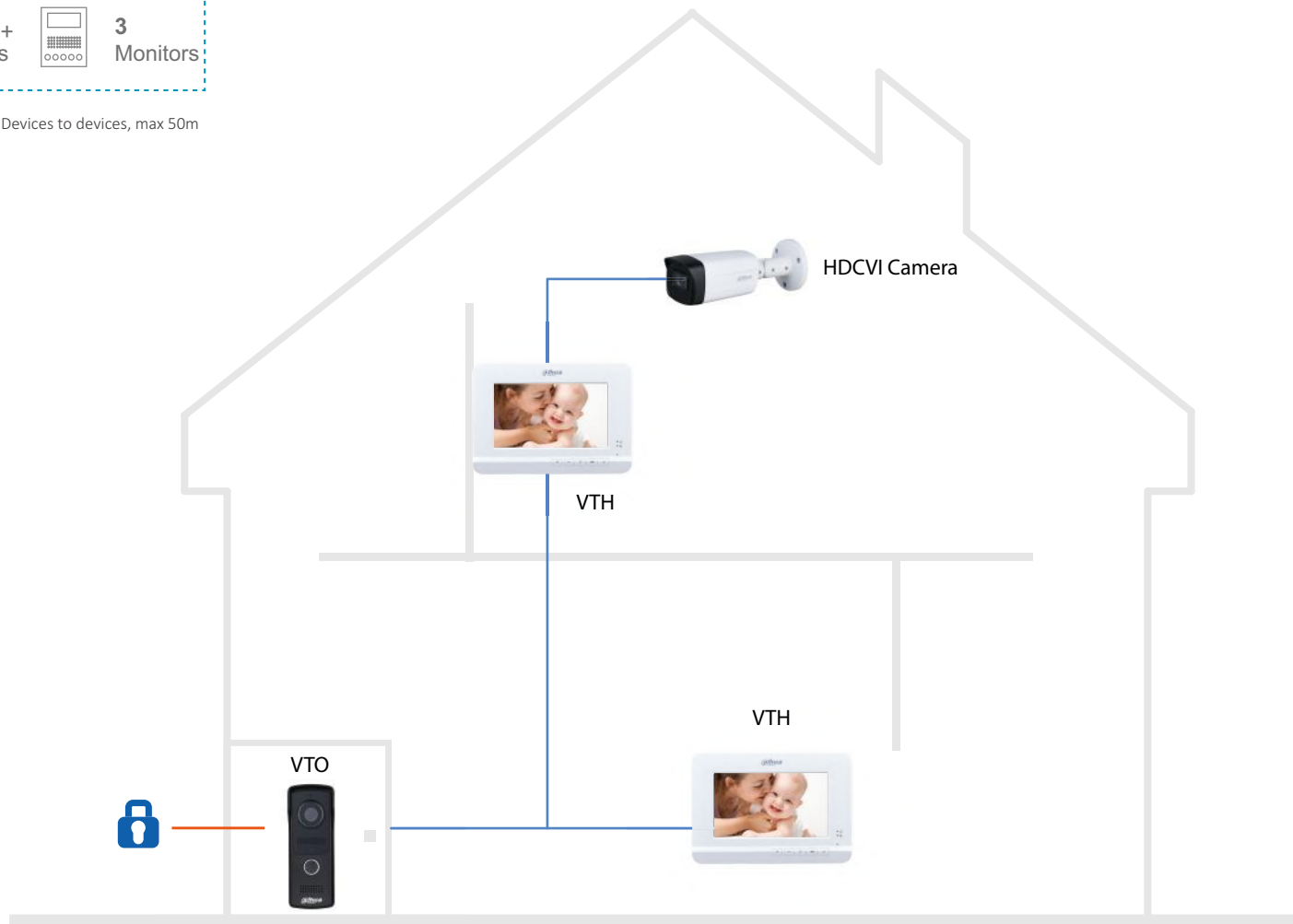


VTH2421FW-P

IP Indoor Monitor
7" Capacitive



— 4-wire: Devices to devices, max 50m



> Analog Villa Solution

The Analog Villa Solution provides an easy-to-install plug & play system that delivers high video quality and nearly zero video delay.

Features



Video & Audio Calls



Night Vision



Group Calls



Alarm Integration

Recommended Products



VTO2010D

Villa Door Station
2MPCamera
IP65, IK07

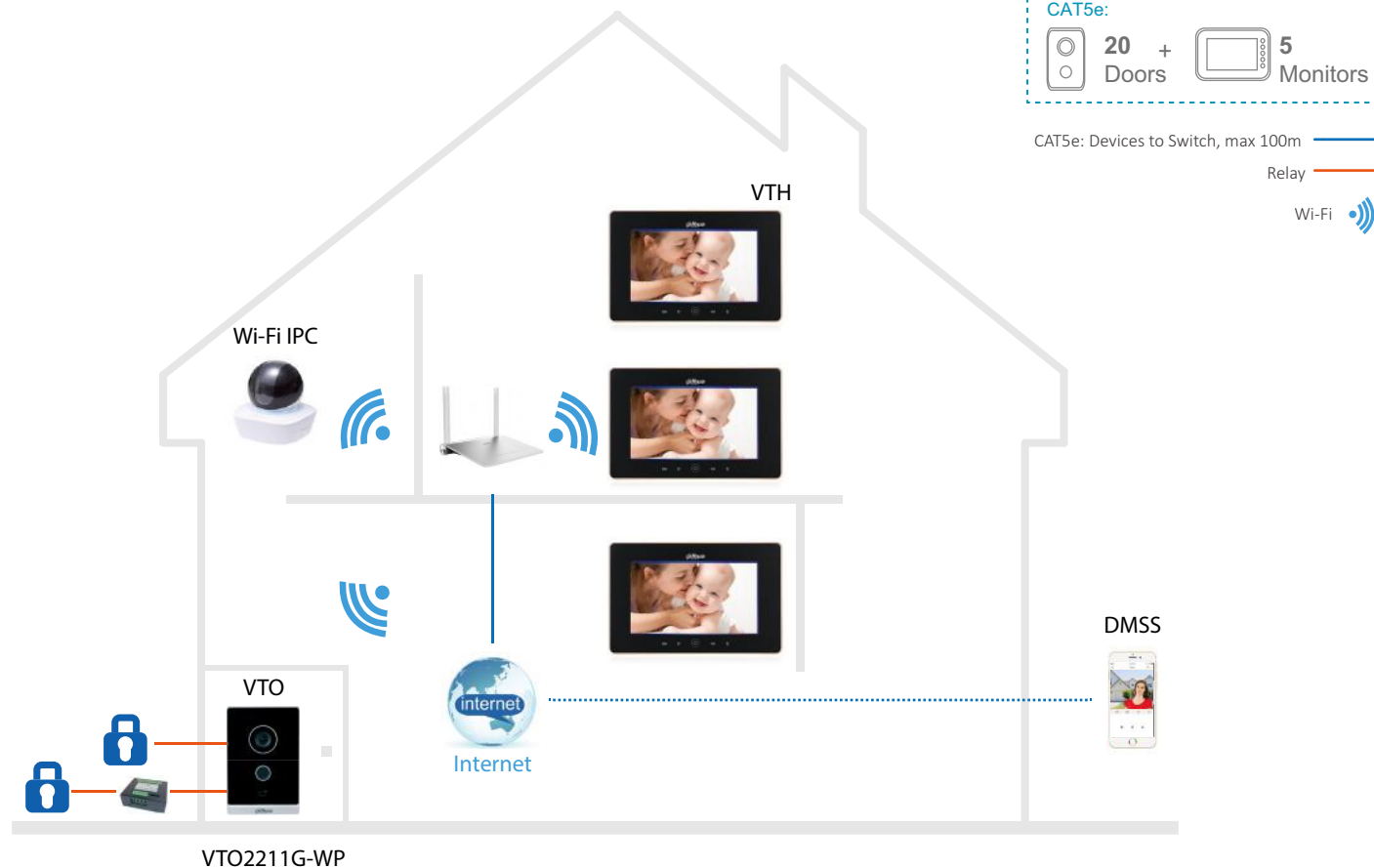


VTH2020DW

Indoor Monitor
7" TFT Screen

> Wi-Fi Villa Solution

The Wi-Fi Villa Solution integrates video intercom, remote control, real-time video surveillance, and intrusion detection into an all-in-one platform. Door stations, indoor monitors, work together through Wi-Fi to create a wireless smart home system. Wi-Fi door stations can function as a doorbell and be remotely controlled with a smartphone.



Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Wi-Fi



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Standard PoE

Recommended Products



VTO2211G-WP

Wi-Fi Villa Door Station
2MP CMOS
IP65



VTH5221D-S2

Wi-Fi Indoor Monitor
7" Capacitive, 1024x600

10 + 200 (40 flats)
Doors Monitors
(Per building)

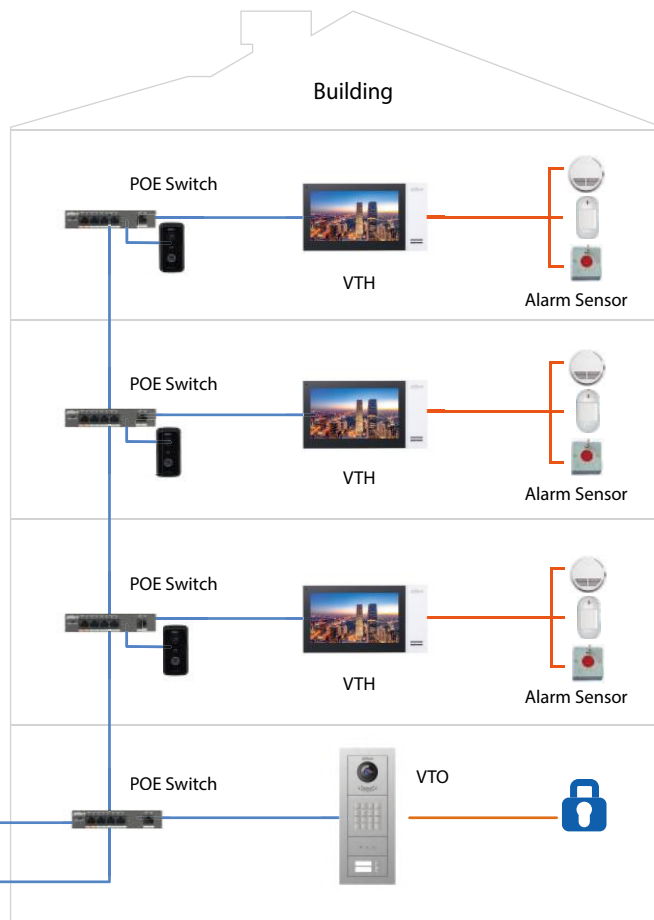
— CAT5e: Devices to Switch, max 100m
Switch to Switch, max 30m

— Relay

DMSS



IPC



> IP Small Apartment Solution

Flexible modular design with camera, button, keyboard, reader, and fingerprint modules allows you to choose which components to use and install on 2-module, 3-module, or 9-module front panels. One-button calling enables convenient communication between visitors and residents in small apartment applications.

Features



Video & Audio Call



Night Vision



Group Calls



Emergency Calls



Modular Design



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application

Recommended Products



VTO4202F-P
Camera module
2MP 160°
IP65, IK07



VTO4202F-MB5
Five-button module
IP65, IK07



VTO4202F-MS
Display module
3.0" STN
IP65, IK07



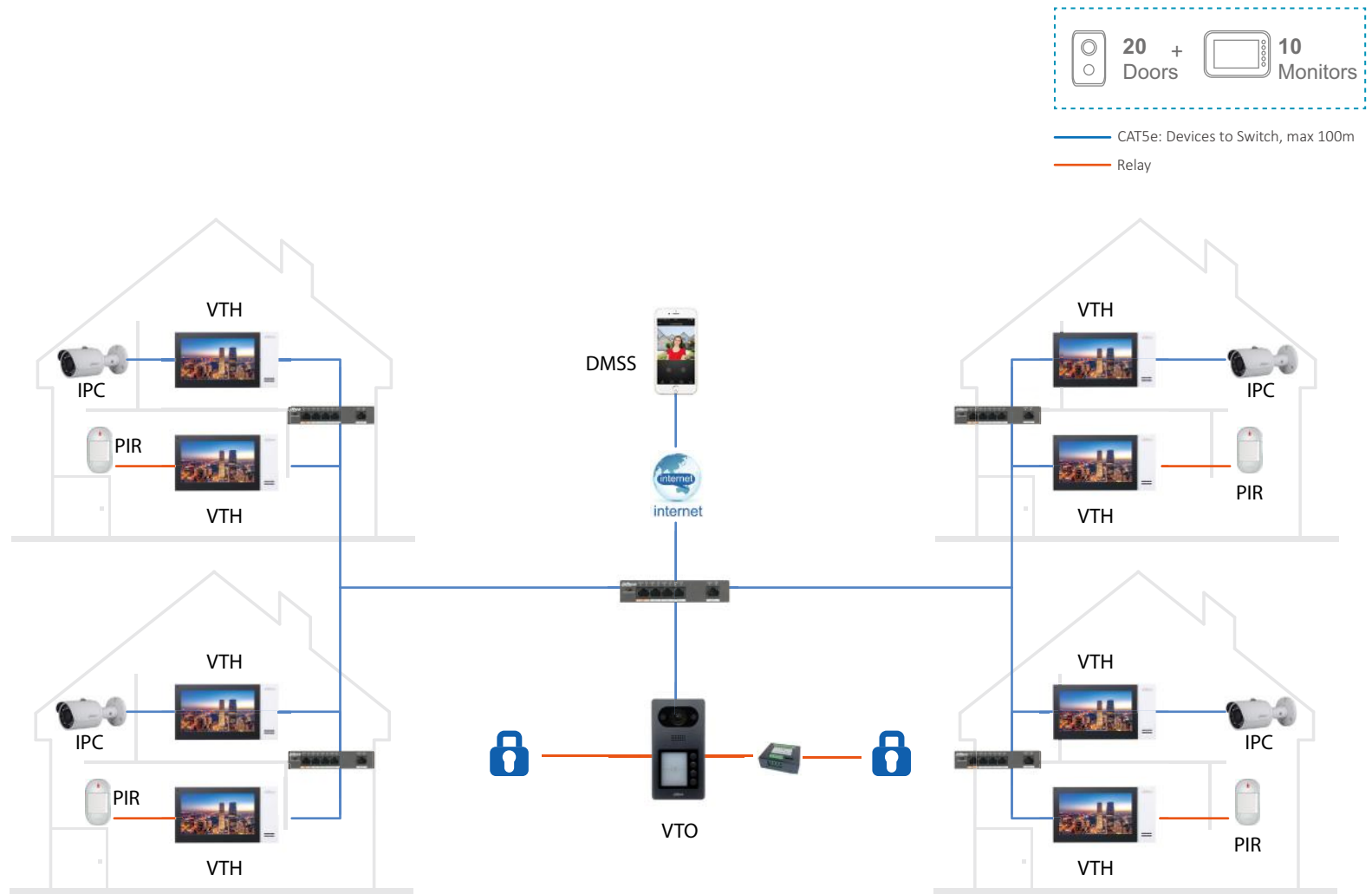
VTO4202F-MF
Fingerprint module
IP65, IK07



VTH2421FW-P
IP Indoor Monitor
7" Capacitive, 1024x600

> IP Villa Solution (1/2/4-Flat)

Our IP Villa Solution comes complete with a rich set of features such as remote intercom, door control, real-time video surveillance, and notifications pushed to your mobile phone. No matter where you are, no visitors or messages will be missed.



Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application



Standard PoE

Recommended Products



VTO3211D-P/P2/P4-S2
Villa Door Station
2MP CMOS
IP65, IK08

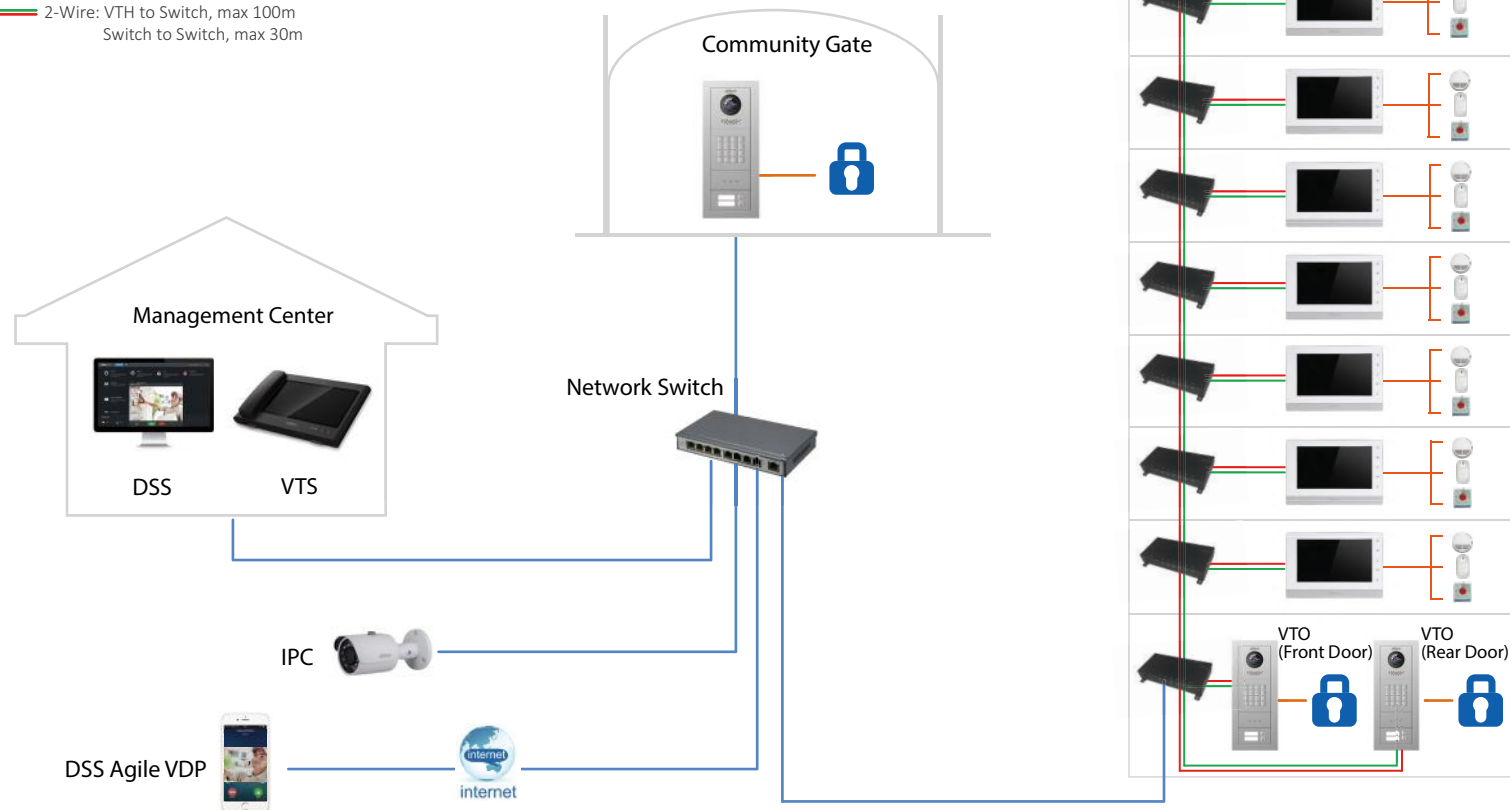


VTH2421FW-P
Wi-Fi Indoor Monitor
7" Capacitive,
1024x600



— CAT5e: Devices to Switch, max 100m

— 2-Wire: VTH to Switch, max 100m
 Switch to Switch, max 30m



> IP 2-Wire Apartment Solution

The IP 2-Wire Apartment Solution uses two wires to transmit data signals and power. 2-wire indoor monitors can access the Internet easily through a special converter. The system adapts to multiple wiring environments easily and enables all digital apartment functions. Replace your existing analog apartment system with the Dahua IP 2-Wire Apartment Solution and create a complete IP world.

Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance

Recommended Products



VTO4202F-P
 Camera module
 2MP 160°
 IP65, IK07



VTO4202F-MS
 Display module
 3.0" STN
 IP65, IK07

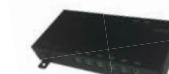
VTO4202F-MB5
 Five-button module
 IP65, IK07

VTO4202F-MF
 Fingerprint module
 IP65, IK07

VTH5222CH-S1
 2-Wire Indoor Monitor
 7" Capacitive

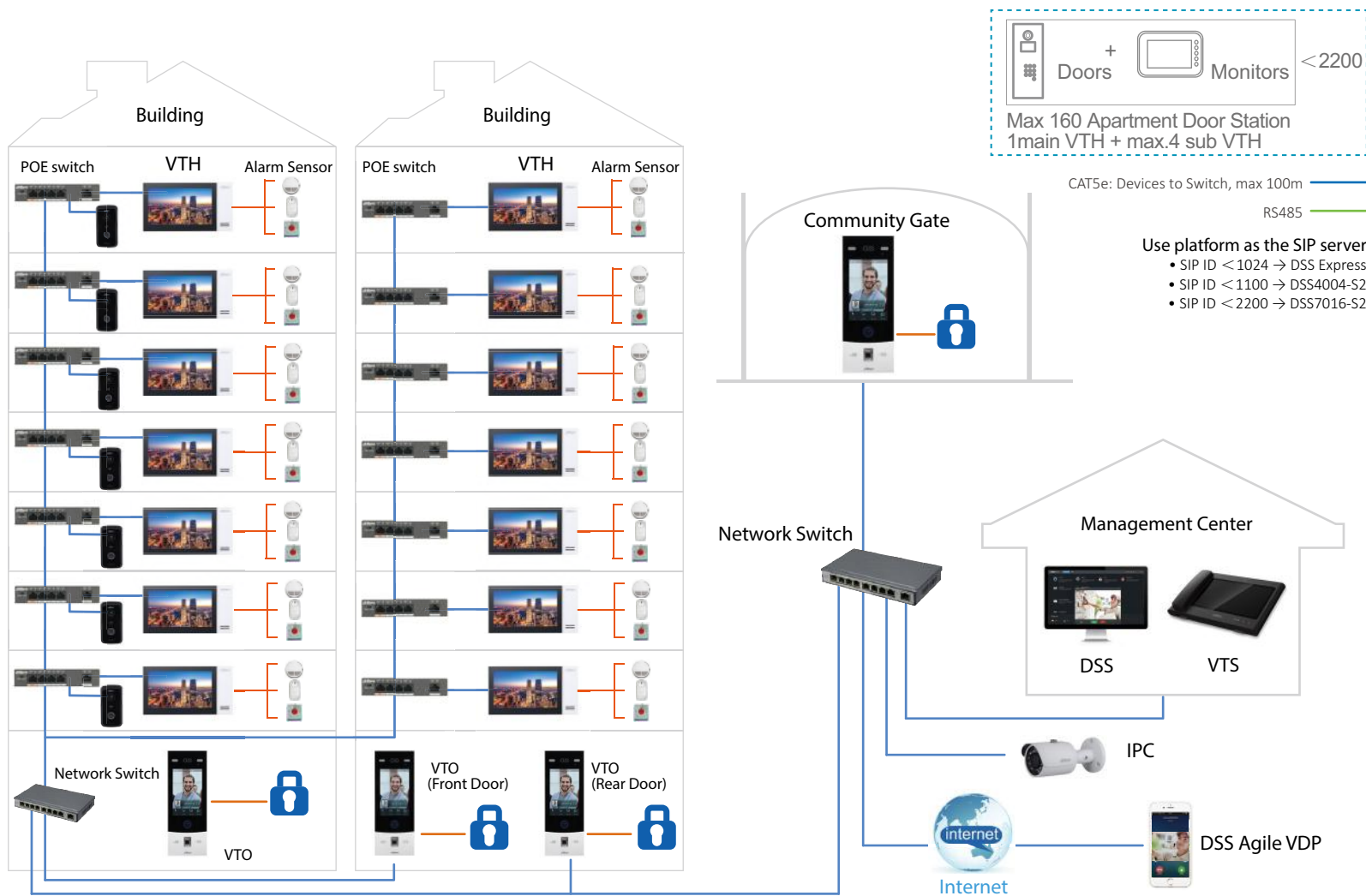


VTNS1006A-2
 2-Wire Switch
 Connect max 6 indoor monitor with the 2-wire cable



➤ IP Apartment Solution

The IP Apartment Solution provides a large scale system with rich functionality such as video intercom, real-time video surveillance and intrusion detection. Various authentication methods (password, RFID card) provide maximum security. Management center calling capabilities as well as calling between residents provide a convenient environment for community management and resident convenience.



Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application

Recommended Products



VTO6541H

Unit Door Station
2MP CMOS
Face & Fingerprint
IP65



VTH2421FW-P

IP Indoor Monitor
7" Capacitive, 1024x600

ACCESS CONTROL





Based on deep learning face recognition algorithm with thermal module

- Faster face recognition speed: 0.2s / 0.35s
- Larger face template capacity: 30K- 100K
- Stronger ability to adapt to complex lighting environments
- Temperature monitoring speed < 0.2s
- Accuracy < 0.5s



FACE RECOGNITION TERMINALS







Face Recognition Terminals

	ASI7213X-T1	ASI7213Y-V3-T1
Model		
Screen	2.5D curved , 7" touch screen	7" touch screen
Reader Format	13,56 MHz Mifare Classic (IC)	13,56 MHz Mifare Classic (IC)
Interface	USB(1x), RS-485(1x), RS232(1x), Wiegand(1x) Input /Output (26/34/66 bits), TCP/IP(1x1000MB, 1x100MB), Exit button(1x), Door Sensor(1x), Lock(1x)	USB(1x), RS-485(1x), RS232(1x), Wiegand(1x) Input / Output (26/34/66 bits), TCP/IP(1x100MB), Exit button(1x), Door Sensor(1x), Lock(1x)
Alarm In/Out	2/2	2/2
Users	100 000	50 000
Card Capacity	100 000	50 000
Face Capacity	100 000	50 000
Record Capacity	300 000	100 000
Face Recognition Speed	0.2"	0.35"
Face Verification Accuracy	0.995	0.995
Material	PC + Aluminium-alloy	PC + ABS
Mask detection	Yes	Yes
Temperature Monitor Range	30°C ~ 45°C	30°C ~ 45°C
Operating Environment Temperature	16°C ~ 32°C	16°C ~ 32°C
Temperature Monitoring Distance	30 cm ~ 180 cm	30 cm ~ 180 cm
Temperature Monitoring Speed	0.2s	0.35s
Temperature Monitoring Error	≤ 0.5°C	≤ 0.5°C
Install Envoriment	Indoor	Indoor
Mounted Method	Wall Mounted (ASI7213X-T1) Floor Mounted (stand needed ASF172X-T1) Desktop Mounted (stand needed ASF072X-T1) On-turnstile Mounted (ASI7223X-A-T1)	Wall Mounted (ASI7213Y-V3-T1) Floor Mounted (stand needed ASF172YV3-T1) Desktop Mounted (stand needed ASF072YV3-T1) On-turnstile Mounted (ASI7223Y-A-V3-T1)
Platform	DSS Express; Smartpss-AC; DMSS	DSS Express; Smartpss-AC; DMSS
NVR	NVR5-4KS2; NVR5-I	NVR5-4KS2; NVR5-I
VTH	VTH5341G - Android VTH5421EW-H - Handset VTH2421FW-P	VTH5341G - Android VTH5421EW-H - Handset VTH2421FW-P
Working Temperature	Temperature monitoring mode disabled: -10°C to +55°C (+14°F to +131°F) Temperature monitoring mode enabled: +16°C to +32°C (+59°F to +89.6°F)	Temperature monitoring mode disabled: -10°C to 55°C (14°F to 131°F) Temperature monitoring mode enabled: 16°C to 32°C (59°F to 86°F)
Power Supply	DC 12V/2A (≤24W)	DC 12V/1A (≤ 12W)

FACE RECOGNITION TERMINALS

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Face Recognition Terminals

Model	ASI7213Y-V3	ASI7214Y-V3	ASI7213X	ASI7214X	ASI7223X-A	ASI7223Y-A-V3
						
Screen	7" touchscreen, 1024x600	7" touchscreen, 1024x600	7" touchscreen, 1024x600	7" touchscreen, 1024x600	7" touchscreen, 1024x600	7" touchscreen, 1024x600
Reader Format	13,56 MHz Mifare Classic (IC)	13,56 MHz Mifare Classic (IC)	13,56 MHz Mifare Classic (IC)	13,56 MHz Mifare Classic (IC)	—	—
Communication	RS485 Wiegand Input/Output (26/34/66 bits)	RS485 Wiegand Input/Output (26/34/66 bits)	RS485 Wiegand Input/Output (26/34/66 bits)	RS485 Wiegand Input/Output (26/34/66 bits)	RS485 Wiegand Input/Output (26/34/66 bits)	RS485 Wiegand Input/Output (26/34/66 bits)
Interface	USB	USB	USB	USB	USB	USB
Alarm In/Out	2/2	2/2	2/2	2/2	1/1	1/1
Users	50,000	50,000	100,000	100,000	100,000	50,000
Card Capacity	50,000	50,000	100,000	100,000	—	—
Fingerprint	—	10,000	—	10,000	—	—
Face Capacity	50,000	50,000	100,000	100,000	100,000	50,000
Record Capacity	100,000	100,000	300,000	300,000	300,000	100,000
Face Recognition Speed	≤0.35s	≤0.35s	≤0.2s	≤0.2s	≤0.2s	≤0.35s
Users Roles	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled
Time Plans	128	128	128	128	128	128
Alarm Types	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount, Duress Fingerprint	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount	Door time out, Intrusion, Duress, Fingerprint Duress, Tamper, Anti- passback, Unauthorized Card Overcount	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Ingress Protection	—	—	IP65	IP65	IP65	—
Working Temperature	-10°C~+55°C	-10°C~+55°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-10°C~+55°C
Power Supply	DC 12V/2A	DC12V/2A	DC 12V/2A	DC12V/2A	DC12V/2A	DC12V/2A








MULTI-DOOR CONTROLLER SYSTEM

Multi-Door Controllers

- Central management
- Wiegand and RS485 reader protocol
- DIN or metal box with power supply



Multi-Door Controllers

	ASC1202B-S	ASC1202B-D	ASC1204B-S	ASC1202C-D	ASC1204C-S	ASC1204C-D	ASC1208C-S
Model							
Readers	2	4	4	4	4	8	8
Communication	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34	RS485, Wiegand 26/34
Control mode	2 door 1-way	2 door 2-way	4 door 1-way	2 door 2-way	4 door 1-way	4 door 2-way	8 door 1-way
Exit Buttons	2	2	4	2	4	4	8
Door Sensors	2	2	4	2	4	4	8
Alarm In/Out	2/2	4/4	1/1	4/4	1/1	8/8	4/4
Users	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Record Capacity	150,000	150,000	150,000	150,000	150,000	150,000	150,000
User Roles	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress
Time Plans	128	128	128	128	128	128	128
Holiday Schedules	128	128	128	128	128	128	128
Alarm Types	Door time out, Intrusion, Duress	Door time out, Intrusion, Duress	Door time out, Intrusion, Duress	Door time out, Intrusion, Duress, Tamper	Door time out, Intrusion, Duress, Tamper	Door time out, Intrusion, Duress, Tamper	Door time out, Intrusion, Duress, Tamper
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Accumulator Battery	—	—	—	Max. 12V/7Ah	Max. 12V/7Ah	Max. 12V/7Ah	Max. 12V/7Ah
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power Supply	DC9~15V/6W	DC9~15V/6W	DC9~15V/6W	AC100V~240V	AC100V~240V	AC100V~240V	AC100V~240V

Caesar Controller

- Onvif Profile C, CGI, SDK compatibility for 3rd party integration
- CAN bus can support up to 16 slave controllers; manage up to 68 doors
- Global anti-pass pack and multi-door interlock to keep complex large areas secure

MULTI-DOOR CONTROLLER SYSTEM

Master Controller and Expansion Modules

	ASC2204C-H	ASC2104B-T	ASC2102B-T
Model			
Device	Master controller	Slave controller	Slave controller
Readers	4	4	4
Communication	TCP/IP,CAN bus	CAN bus	CAN bus
Exit Button	4	4	2
Door Sensor	4	4	2
Alarm In/Out	8/8	1/1	5/1
Users	200,000	20,000	20,000
Record Capacity	150,000	30,000	30,000
3rd party	Onvif profile C, CGI,SDK	—	—
User Management	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress
Time Plan	128	128	128
Holiday Schedule	128	128	128
Alarm	Door time out, Intrusion, Duress, Tamper	Door time out, Intrusion, Duress	Door time out, Intrusion, Duress
Battery	Max. 12V/7Ah	—	—
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power Supply	AC100V~240V/12W	DC9~15V/6W	DC9~15V/6W







Readers

- RS485 or Wiegand 34 (26 - optional)
- Beep and touch sound indicator
- Surface mount



Readers						
	ASR2201D-B	ASR2201D-BD	ASR1201D	ASR1201D-D	ASR1200D	ASR1200D-D
Model						
Reader Format	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)
Communication	Bluetooth RS485 OSDP Wiegand 34/26		RS485 Wiegand 34/26		RS485 Wiegand 34/26	
Fingerprint Capacity	—		—		—	
Password Input	Supported		Supported		—	
Transmission Distance	RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m	
Alarm Types	Tamper		Tamper		Tamper	
Keypad	Touch keypad		Touch keypad		—	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP65		IP65		IP65	
Working Environment	-30°C~+60°C		-30°C~+60°C		-30°C~+60°C	
Power Supply	DC9~15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W	






Readers

Model	ASR1200E	ASR1200E-D	ASR1102A(V2)	ASR1102A-D(V2)	ASR1100B	ASR1100B-D	ASR1101M	ASR1101M-D	ASR1100A	ASR1100A-D	ASR1101A	ASR1101A-D
												
Reader Format	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)
Communication	RS485 Wiegand 34/26		RS485		RS485 Wiegand 34/26		RS485 Wiegand 34/26		RS485 Wiegand 34/26		RS485 Wiegand 34/26	
Fingerpring Capacity	—		3,000		—		—		—		—	
Password Input	—		—		—		Supported		—		Supported	
Transmission Distance	RS485: 100m/1000m (Separate power supply) Wiegand:40m		100m/1000m (Separate power supply)		RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m	
Alarm Types	Tamper		Tamper		—		Tamper		Tamper		Tamper	
Keypad	—		—		—		Metal button		—		Touch keypad	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP66		—		IP66		IK08		—		—	
Working Environment	-30°C~-60°C		-10°C~+55°C		-30°C~+60°C		-30°C~+60°C		-30°C~+60°C		-30°C~+60°C	
Power Supply	DC9-15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W	

Standalones

- All-in-one design
- LCD display operation menu
- Wiegand and RS485 reader protocol





Standalones										
	ASI1212D	ASI1212D-D	ASI1212F	ASI1212F-D	ASI1201E	ASI1201E-D	ASI1201A	ASI1201A-D	ASI1202M	ASI1202M-D
Model										
Screen	2.0 " TFT 320x240		2.8 " TFT 320x240		—		LCD 128x64		—	
Reader Format	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)	13,56 MHz Mifare Classic (IC)	125 kHz Unique (ID)
Communication	RS485 Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34	
Interface	USB		USB		—		—		USB	
Alarm In/Out	1/1		1/2		—		1/2		1/1	
Users	30,000		30,000		30,000		30,000		30,000	
Card Capacity	30,000		30,000		30,000		30,000		30,000	
Fingerprint Capacity	3,000		3,000		—		—		3,000	
Record Capacity	150,000		150,000		150,000		150,000		150,000	
Face Capacity	—		—		—		—		—	
User Roles	General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress	
Time Plans	128		128		128		128		128	
Alarm Types	Door time out, Intrusion, Duress, Tamper		Door time out, Intrusion, Duress, Tamper		Door time out, Intrusion, Duress, Tamper		Door time out, Intrusion, Duress, Tamper		Door time out, Intrusion, Duress, Tamper	
Ethernet	10/100Mbps		10/100Mbps		10/100Mbps		10/100Mbps		10/100Mbps	
Ingress Protection	—		—		IP66		—		IP65/IK10	
Working Temperature	-10°C~+55°C		-10°C~+45°C		-30°C~+55°C		-10°C~+55°C		-30°C~+60°C	
Power Supply	DC9~15V/6W		DC9~15V/6W		DC9~15V/6W		DC9~15V/6W		DC9~15V/12W	

STANDALONE TERMINAL

Time Attendance Terminals

- New friendly UI
- Fingerprint / RF / password verification
- USB disk upgrade firmware
- USB disk export/import user information
- Local device generate Smart Attendance Reports




Time Attendance Terminals










		ASA1222E-S	ASA1222G	ASA1222G-D
Model				
Access Control Function		—	Lite	
System	Memory	8M RAM +16M Flash		8M RAM +16M Flash
	LCD	2.4" TFT 320×240		2.4" TFT 320×240
	Camera	—		—
Capacity	User	1,000		1,000
	Face Template	—		—
	Fingerprint Template	2,000		2,000
	Record Capacity	100,000		100,000
Reader Format		—	13.56 MHz Mifare Classic (IC)	125 kHz Unique (ID)
Battery		—	2600 mAh	
Communication	TCP/IP	√	√	
	Wi-Fi	—	—	
	RS485	—	—	
	RS232	—	—	
	USB	√	√	
	Wiegand	—	—	
Alarm		—	—	
Power Supply		5V 1A	12V/1A	
Dimension(W × H × Dmm)		175×120×23	181×135×31	
Operating Temperature		-10°C~+55°C	-10°C~+55°C	
Platform Software		SmartPSS-AC	SmartPSS-AC	










Entrance Gates

- Fast passage to prevent congestion
- Support for disabled ultra wide channel customization
- Multi- pair infrared to prevent clamping, ensure safe passage
- Long service life



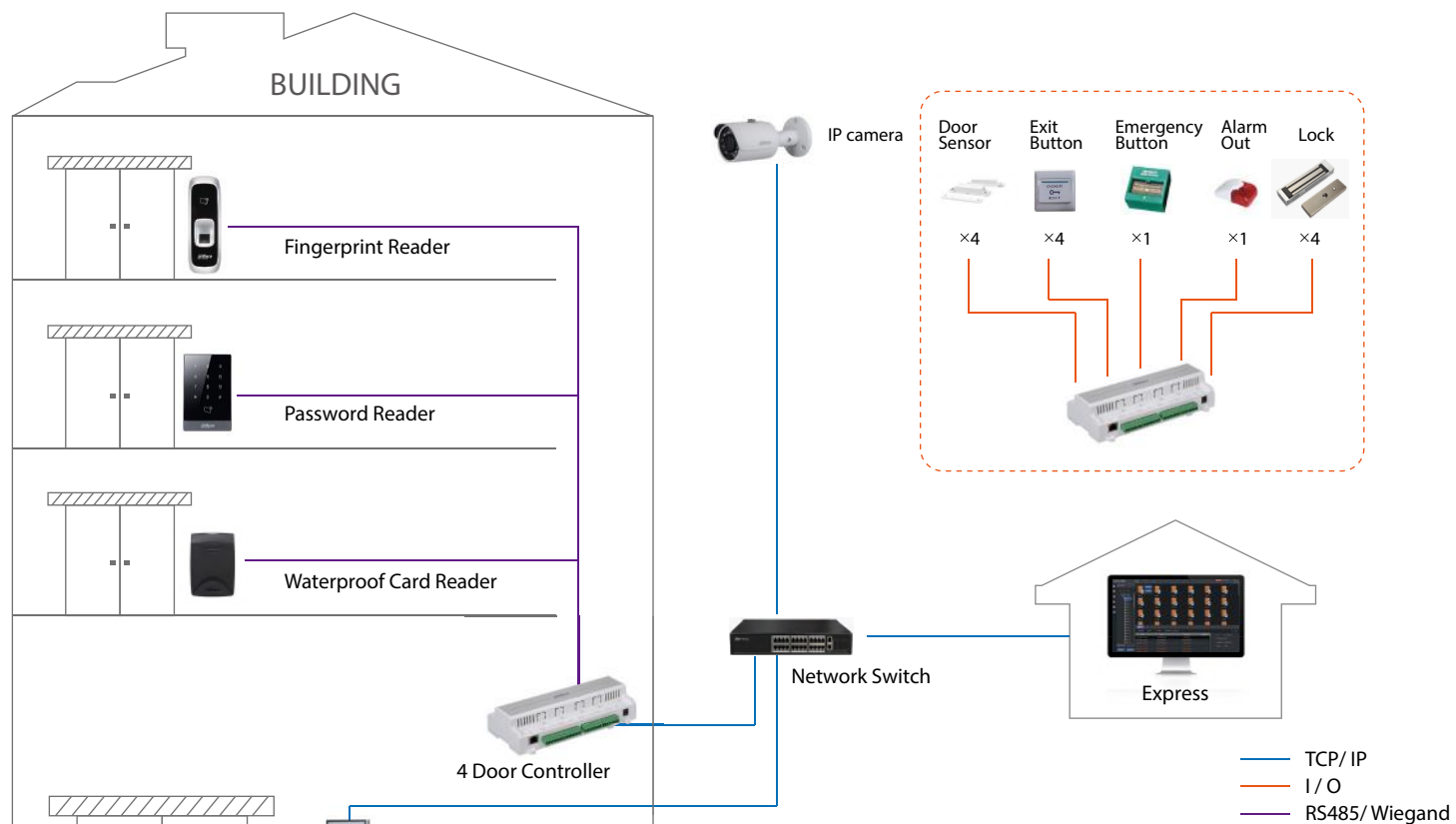
Gates			
	ASGB5xxJ	ASGB8xxX	ASGB8xxY
Model			
Motor	DC motor	servo motor	servo motor
Cabinet Material	SUS304 1.5mm	SUS304 2.0mm	SUS304 2.0mm
Detection	10 pairs of IR detectors	30 pairs of IR detectors	30 pairs of IR detectors
Lock and unlock speed	1.0 s, adjustable	0.6 s, adjustable	0.6 s, adjustable
Passing Frequency	20~30 people/minute	20~40 people/minute	20~40 people/minute
Lifespan	3 million times	5 million times	5 million times
Passage Width	Standard: 600 mm; the maximum custom passage width: 1100 mm	Standard: 600 mm; the maximum custom passage width: 1000 mm	Standard: 600 mm; the maximum custom passage width: 1200 mm
Swing Arm	Metal tube	Acrylic	Metal tube
Digital Quantity Port	—	2	2
RS-232 Port	—	1	1
Product Dimensions	1500 mm × 220 mm × 980 mm	1500 mm × 220 mm × 1000 mm	1500 mm × 220 mm × 1000 mm
Certifications	CE/FCC/ROHS	CE/FCC/ROHS	CE/FCC/ROHS
Operating Environment	outdoor	indoor	outdoor
Operating Temperature	-30°C~+70°C (When operating temperature is below 0°C, heating module is needed)	-10°C~+60°C	-30°C~+70°C (When operating temperature is below 0°C, heating module is needed)
Power Supply Mode	AC 100–240V, 50/60HZ	AC 100–240V, 50/60HZ	AC 100–240V, 50/60HZ

Magnetic Locks					Electric Drop-Bolt Locks		Mute Locks	Electric Strike Locks	
Model	ASF280A	ASF500A	ASF280B	ASF500B	ASF802	ASF808	ASF601A	ASF702	ASF705
									
Description	Power on-NC Single Door Relay Input&output Anti-pull 280kg Working Temperature: -30°C~+60°C DC12V /24V	Power on-NC Single Door Relay Input&output Anti-pull 500kg Working Environment: -30°C~+60°C DC12V /24V	Power on-NC Double-door Relay Input&output Anti-pull 280kg*2 Working Environment: -30°C~+60°C DC12V /24V	Power on-NC Double-door Relay Input&output Anti-pull 500kg*2 Working Environment: -30°C~+60°C DC12V /24V	Power on-NC Magnetic auto lock Door thickness: >50mm Working Environment: -30°C~+60°C DC12V /24V	Power on-NC Magnetic auto lock Door thickness: 10~12mm Working Environment: -30°C~+60°C DC12V	Power on-NC Power off-keep status Magnetic auto lock Door thickness: >35mm Working Environment: -30°C~+60°C DC12V	An-ti pull 500kg Power off: locks door DC12V -30°C~+60°C	An-ti pull 500kg Power off: locks door DC12V -30°C~+60°C

Magnetic Lock Brackets							USB Module		Others
Model	ASF280L	ASF280U	ASF280ZL	ASF280F	ASF500L	ASF500ZL	Card Enrollment Reader	Fingerprint Enrollment Reader	Door Closers
									
Description	Fix magnetic lock on door frame For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock plate on glass door Door thickness: 8~15mm For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate on glass door Door thickness: 8~15mm For ASF280A or ASF280B Working Temperature: -30°C~+60°C	Fix magnetic lock on door frame; For ASF500A or ASF500B Working Temperature: -30°C~+60°C	Fix magnetic lock and plate For ASF500A or ASF500B Working Temperature: -30°C~+60°C	USB Communication Working Temperature: -30°C~+60°C	USB Communication FAR≤0.0001% FRR≤0.014% Working Temperature: -10°C~+55°C	Suitable for any door with frame and open at 180 degree

Buttons					Cards				
Model	Exit Button	Exit Button	Touchless Exit Button	Emergency Exit Button	IC White Card	IC Key Fob	DAHUA Logo Key Fob	ID White Card	ID Key Fob
	ASF900	ASF905	ASF908	ASF921	IC-S50	IC-SM	YX-4CM	ID-EM	ID-SM
Description									
	ABS plastic; 86*86*25mm -30°C~+60°C	LED light Stainless steel 91*28*25mm DC12V -30°C~+60°C	Infrared induction Stainless steel 86*86*25mm DC12V -30°C~+60°C	Plastic 86*86*50mm -30°C~+60°C	Mifare Classic 13,56 MHz Card, NXP chip	Mifare Classic 13,56 MHz Keyfob	Mifare Classic 13,56 MHz Keyfob with Dahua Technology logo	Unique 125 kHz Card	Unique 125 kHz Keyfob

Access Control Solution Layout

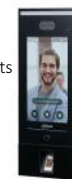


Recommended Products



ASC1204B-S

- Connects to 4 readers
- 100,000 cards & 150,000 events
- Wiegand or RS-485 interface



ASI7214X

- Face recognition, fingerprint recognition, card swiping, password
- 7 inch touchscreen
- Access control and time attendance
- Wiegand input/output, OSDP



ASR1102A(V2)

- Up to 3000 fingerprints capacity
- Supports card, fingerprint



ASR1101A

- RS485/Wiegand protocol
- Support card, password

Features



Differential Rights Management



Reports Management



Video Linkage



Multi-door Interlock



Anti-passback



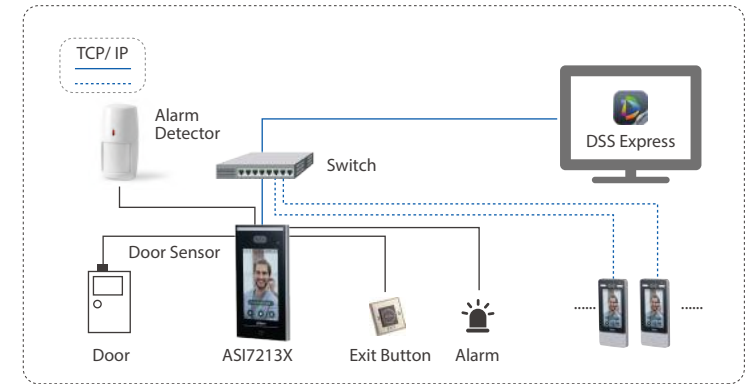
Attendance

FACE RECOGNITION TERMINALS

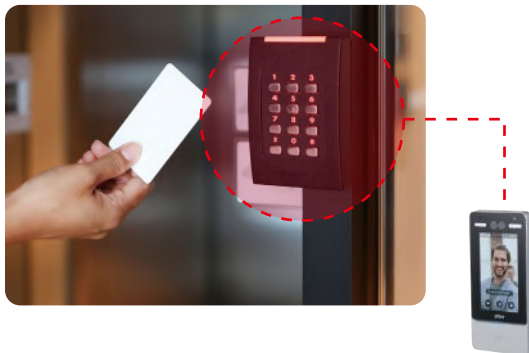
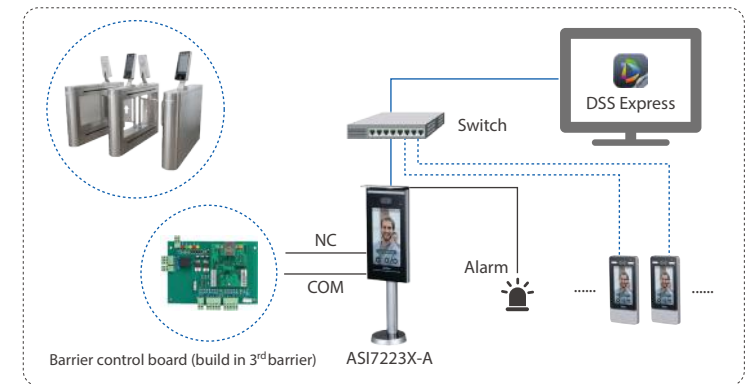
- 37 -



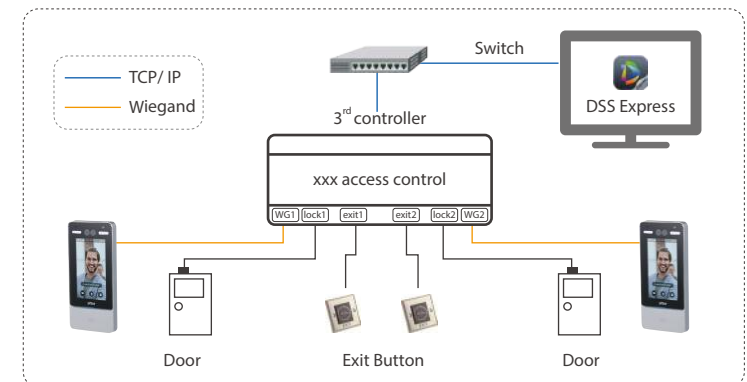
- Install in front of the door as a standalone terminal.



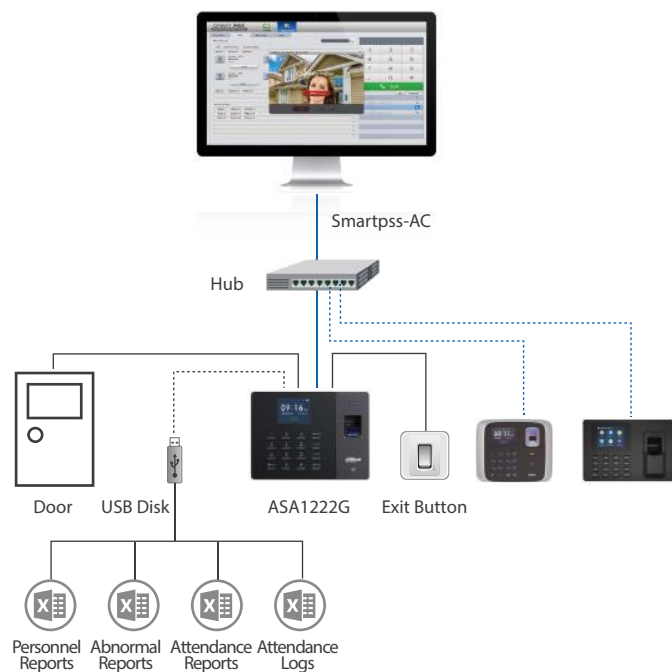
- Install on the barrier to allow fast opening with a face recognition reader
---it is a better way to find a local barrier manufacturer for cooperation.



- When the face is verified, the associated card number would output to the 3rd party controller panel via the standard wiegand protocol as a face card reader
---cooperating with the 3rd traditional controller manufacturer, or use the new face recognition reader to replace old card reader in old project restructuring.



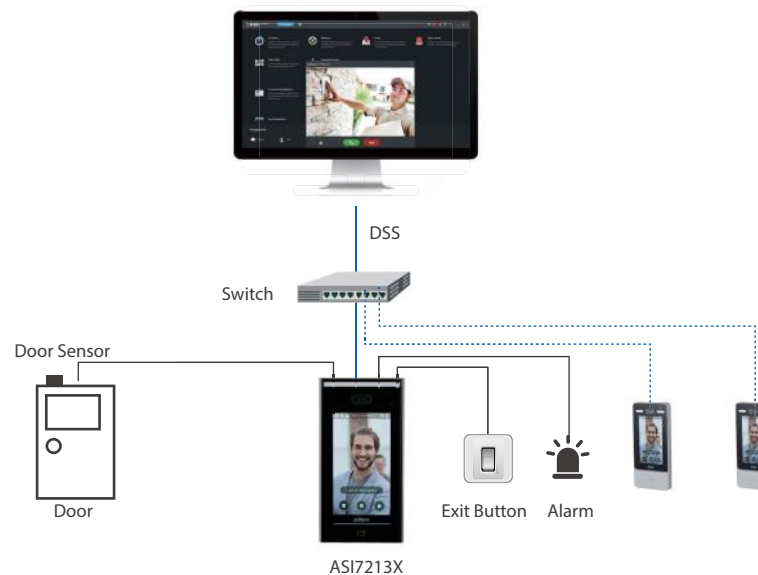
TCP/IP



ASA1222G

Lite access control function enables. When working in standalone, also supports Smart Attendance Report; when work in online, smartPSS management some attendance points

TIME ATTENDANCE TERMINAL LAYOUT



ASI7213X

Pro access control function, schedule and access level management, alarm in and out; P2P communication, wiegand output for the 3 party access control system.

ACCESS CONTROL

Software

- Supports up to 64 devices / 200 terminals
- Video linkup
- Data import and export
- Attendance functionality

Software

SmartPSS-AC V1.00.0000000

Open SDK, free
Remotely control all doors
Video linkup
Attendance



DSS Express

CCTV access control, time attendance
in one system---all in one platform
One server more clients
200 terminals or 800 doors
Video linkage
Fire alarm linkage
Video record load access control records



Devices	Supported Devices	Controller, Access Standalone, Attendance Standalone	Controller, Access Control Standalone Terminal
	Max Registered Devices	Max 64 (32 channels of attendance terminal and 32 channels of access control)	200 terminals or 800 doors
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup and etc.	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup and etc.
Door Configuration	Remote Control	Open / Close door	Open / Close Door
	Open Mode Setup	Face, Card, Fingerprint, Password, Combination	Face Recognition, Card, Password, Fingerprint, Combination
	Door Parameter Setup	Unlock hold time, Holiday timezone and etc., Alarm Enable	Unlock hold time, Holiday timezone and etc., Alarm Enable
	Check Info.	Check IP address, Version, User number, Record number	Check IP address, Version, User number, Record number
	Synchronize Data	Configuration, Record	Configuration, Record
Advanced Functions	Anti-pass back, Multi-door Interlock, Multi-card Open, Attendance		
Logging	Open Record, Alarm Record, Attendance Record, Attendance Collection		
Recommend System Requirements	OS	Windows 7 or later	OS for Server: Windows 7 / Windows 8.1 / Windows 10 / Windows Server 2008 OS for Control Client: Windows 7 / Windows 8.1 / Windows 10
	HDD	--	200 Gb or more
	CPU	Intel i3 or later	Core i3
	RAM	4G or larger	8GB
	Display Resolution	1024×768 or above	1204X768

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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* Design and specifications are subject to change without notice.

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