

VIDEO INTERCOM / ACCESS CONTROL / ALARM

PRODUCTS AND SOLUTIONS



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03

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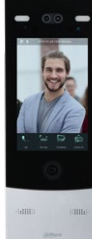


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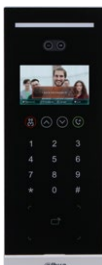
IP Apartment Door Stations

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

IP Apartment Door Stations

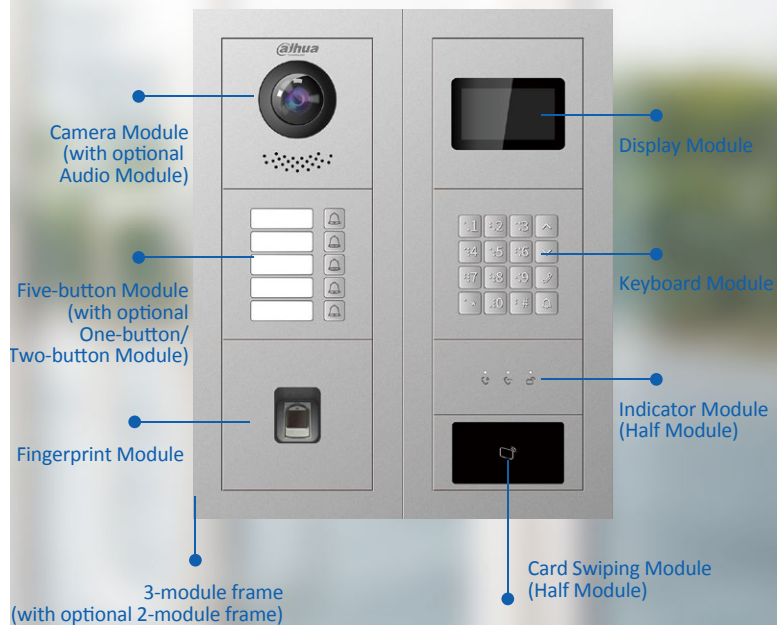
	Apartment Door Stations		
	VT09541D	VT07541G	VT07521G
Model			
Image Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Lens	4mm	4mm	4mm
Angle of View	H: 94.16°, V: 49.57°, D: 113.65°	H: 88°, V: 47°, D: 105°	H: 88°, V: 47°, D: 105°
Day/Night	Color Image	Color Image	Color Image
Screen	10" LCD screen	8" IPS 800×1280	8" IPS 800×1280
Reader	Mifare Card Fingerprint Face Recognition	Mifare Card Fingerprint Face Recognition	Mifare Card
Proximity Sensor	Motion Detection	Motion Detection	Motion Detection
Keypad	Touch Screen	Touch Screen	Touch Screen
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
Ingress Protection	IP65, IK07	IP66, IK07	IP66, IK07
Tamper Switches	1	1	1
Ethernet	10M/100/1000Mbps	10M/100/1000Mbps	10M/100/1000Mbps
Installation	Flush	Surface & Flush	Surface & Flush
Material	Tempered Glass Aluminum	Tempered Glass Aluminum	Tempered Glass Aluminum
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)
Power Supply	DC12V/2A, Max 18W	DC12V/2A, Max 24W	DC12V/2A, Max 24W

IP Apartment Door Stations

	Apartment Door Stations						
Model	VTO6521F	VTO6521K	VTO6541H	VTO6531H	VTO6521H / VTO6521H-D	VTO6221E-P	VTO1210C-X-S1
							
Image Sensor	1/2.7" 2MP CMOS	1/2.8 2MP CMOS	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	2.8mm	4.0mm	4.0mm	4.0mm	2.8mm	2.0mm	4.0mm
Angle of View	H: 113.79°, V: 61.5°, D: 134.45°	H: 86.4°, V: 46.2°, D: 100.6°	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	Color Image	Color Image
Screen	4.3" IPS screen	4.3" LCD	4.3" IPS screen	4.3" IPS screen	4.3" IPS screen	2.3" OLED	3" STN 128x64
Reader	Mifare Card	Mifare Card	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	Motion Detection	Motion Detection	—	0.6m
Keypad	Mechanical Button with Braille	Mechanical Button	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	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP65, IK07	IP65, IK08	IP65	IP65	IP65	IP65, IK08	IP54, IK07
Tamper Switches	1	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Aluminum alloy	316 Stainless Steel	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)	-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 10W	DC12V/2A, Max 18W	DC12V/2A, Max 18W	DC12V/2A, Max 18W	DC12V/2A, POE(802.3af), Max7W	DC12V/2A, Max 10W

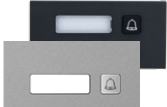
IP Modular Door Station

- 2.0MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Echo cancellation
- Modular design
(9 modules max, VTO4202F(FB)-P-S2 needed)



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IP Modular Door Station

	Modular Door Station Modules		
	VTO4202F(FB)-P-S2	VTO4202F(FB)-MB1	VTO4202F(FB)-MB2
Model			
Image Sensor	1/2.5" 2MP CMOS	—	—
Lens	1.9 mm	—	—
Angle of View	H: 168.6°; V: 87.1°; D:176.7°	—	—
Day/Night	ICR	—	—
Screen	—	—	—
Reader	—	—	—
Keypad	—	Mechanical Button	Mechanical Button
Indicator light	—	—	—
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	—	—
Ingress Protection	—	IP65, IK07	IP65, IK07
Tamper Switches	1	—	—
Ethernet	10M/100M Network Port	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush
Material	Alumimum	Alumimum	Alumimum
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)
Power Supply	DC12V, PoE(802.3af), Max 12W	DC 5V/1W (Powered by main modules)	DC 5V/1W (Powered by main modules)

IP Modular Door Station								
	Modular Door Station							
Model	VTO4202F(FB)-MB5	VTO4202F(FB)-MS	VTO4202F(FB)-MF	VTO4202F(FB)-MK	VTO4202F(FB)-ML	VTO4202F(FB)-MR	VTO4202F(FB)-MR1	VTO4202F(FB)-MN
								
Image Sensor	—	—	—	—	—	—	—	—
Lens	—	—	—	—	—	—	—	—
Angle of View	—	—	—	—	—	—	—	—
Day/Night	—	—	—	—	—	—	—	—
Screen	—	3.0” STN	—	—	—	—	—	—
Reader	—	—	Fingerprint	—	—	Mifare Card	ID Card	—
Keypad	Mechanical Button	—	—	Mechanical Button with Braille	—	—	—	—
Indicator light	—	—	—	—	Calling/Answer/Unlock	—	—	—
Door Control	—	—	—	—	—	—	—	—
Ingress Protection	IP65, IK07	IP65, IK07	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	Surface & Flush	Surface & Flush
Material	Alumimum	Alumimum	Alumimum	Alumimum	Alumimum	Alumimum	Aluminum	Alumimum
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)	-30°C~-60°C (-22°F~+141°F)	-20°C~-60°C (-4°F~+140°F)
Power Supply	DC 5V/1W (Powered by main modules)							

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IP Villa Door Stations

- 1.3/2.0MP CMOS camera
- Night vision
- Voice indicator
- Group calls
- Video & audio messaging
- Remote intercom with mobile app



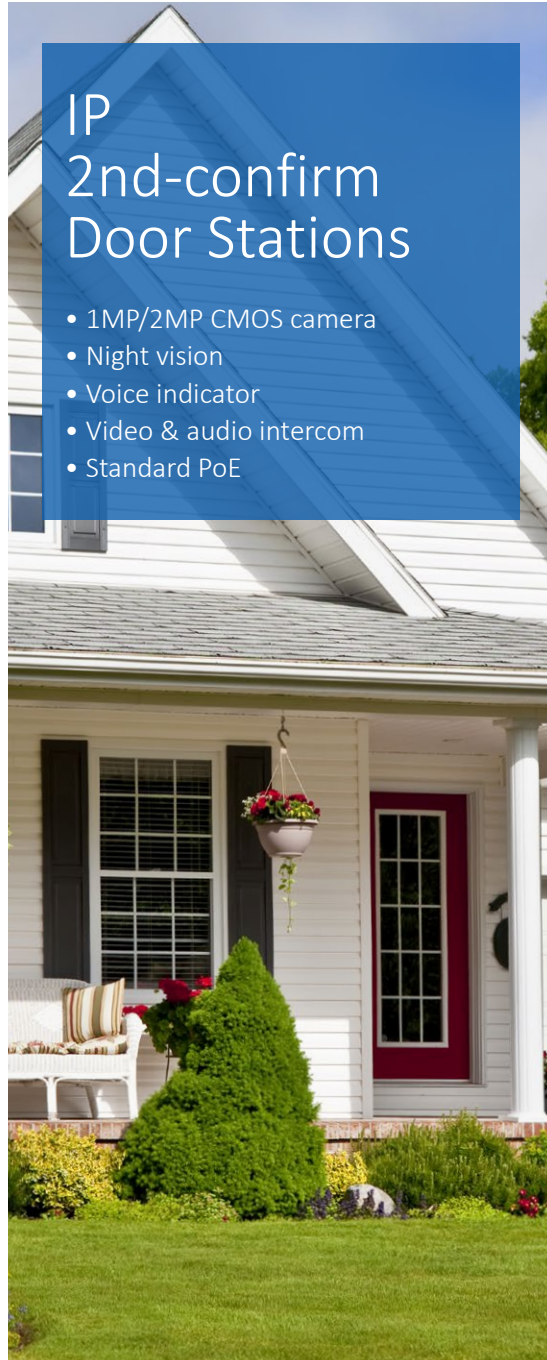
IP Villa Door Stations

	Villa Door Stations						
	VTO3221E-P	VTO3311Q-WP	VTO3312Q-P	VTO3211D-P1/P2/P4-S2	VTO2202F-P-S2	VTO2201F-P	VTO2101E-P-S1
Model							
Image Sensor	1/2.9" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.5" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS
Lens	2mm	2.2mm	2.2mm	2mm	1.9 mm	2.0 mm	2.8mm
Angle of View	H:138°,V:78°,D:158°	H: 125°; V: 65°; D: 139°	H: 125°; V: 65°; D: 139°	H:129°, V: 74°, D:147°	H: 168.6°; V: 87.1°; D:176.7°	H: 138.6°; V: 79.6°; D:159°	H:77°, V:55°, D:100°
Day/Night	Color Image	Color Image	Color Image	ICR	ICR	ICR	ICR
Indicator light	Calling Answer Unlock	Calling Answer Unlock	Calling Answer Unlock	Calling Answer Unlock	Calling Answer Unlock	Calling Answer Unlock	—
Reader	Mifare Card	Mifare Card	Mifare Card	Mifare Card	—	—	—
Wi-Fi	—	Supported	—	—	—	—	—
Keypad	Mechanical Button with Braille	Mechanical Button	Mechanical Button	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 Butto	1 Relay Out 1 RS485 1 Feedback 1 Exit Butto	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, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK07	IP65, IK07	IP65, IK10
Tamper Switches	1	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100M Network Port	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Surface	Surface	Surface	Surface & Flush	Surface & Flush	Surface
Material	Aluminum	Alluminum Alloy	Alluminum Alloy	Aluminum	Aluminum	Aluminum	Front Panel: Zinc alloy Rear Panel: Aluminum alloy Holder: Aluminum alloy
Working Temperature	-40°C~+60°C (-40°F~+140°F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +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), Max 7W	DC12 V, Standard PoE, Max 6W	DC48 V, Standard PoE, Max 6W;2-Wire	DC12V, PoE(802.3af), Max 7W	DC48V, PoE(802.3af), Max 12W; 2-wire	DC12V, PoE(802.3af), Max 6W	DC 12V,PoE(802.3af), Max 7W

IP Villa Door Stations

	Villa Door Stations					
	VTO2211G-WP	VTO2311R-WP	VTO2211G-P	VTO2301R-P	VTO2111D-P-S2	VTO1301R-W
Model						
Image Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/4" 1MP CMOS	1/2.8" 2MP CMOS
Lens	2.1mm	2.2mm	2.1mm	2.2mm	2.1mm	2.2mm
Angle of View	H: 125°;V: 72°;D: 142°	H: 110°; V: 62°; D: 133°	H: 125°;V: 72°;D: 142°	H: 110°; V: 62°; D: 133°	H:107°;V:61° D:122°	H: 110°; V: 62°; D: 133°
Day/Night	ICR	Color Image	ICR	Color Image	ICR	Color Image
Indicator light	—	—	Calling Answer Unlock	—	Calling	—
Reader	Mifare Card	Mifare Card	Mifare Card	—	Mifare Card	Mifare Card
Wi-Fi	Supported	Supported	—	—	—	Supported
Keypad	Mechanical Button	Mechanical Button	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 1 Feedback 1 Exit Button
Ingress Protection	IP65	IP65	IP65	IP65	IP65	IP65
Tamper Switches	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	—
Installation	Surface	Surface	Surface Mount	Surface	Surface	Surface
Material	PC+Acrylic	PC+ABS	PC+Acrylic	PC+ABS	Plastic	PC+ABS
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)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30 °C to +55 °C (-30 °F to +131 °F)
Power Supply	DC 12V/1A, PoE (802.3af) Max 7W	DC12V 1A, Standard PoE	DC 12V/1A,PoE(802.3af), Max 7W	DC12V 1A, Standard PoE	DC12V, PoE(802.3af), Max 5W	DC12V 1A

VIDEO INTERCOM



IP 2nd-confirm Door Stations		
	2nd-confirm Door Stations	
	VTO1201G-P	VTO1101D-P
Model		
Image Sensor	1/2.8" 2MP CMOS	1/4" 1MP CMOS
Lens	2.1mm	2.1mm
Angle of View	H: 125°, V: 72°, D: 142°	H: 107°, V: 61°, D: 122°
Day/Night	ICR	ICR
Screen	—	—
Reader	Mifare Card	Mifare Card
Proximity Sensor	Motion Detection	Motion Detection
Keypad	Mechanical Button	Mechanical Button
Door Control	—	—
Ingress Protection	IP65	IP65
Tamper Switches	1	1
Ethernet	10M/100Mbps	10M/100Mbps
Installation	Surface Mount	Surface Mount
Material	PC+Acrylic	PC+Acrylic
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC 12V/1A, PoE, Max 7W	DC 12V/1A, PoE, Max 5W

IP Indoor Monitors

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



IP Indoor Monitors

	Indoor Monitors				
	VTH8641KMS-WP	VTH5341G-W	VTH5441G	VTH8621KMS-WP	VTH5321GB(W)-W
Model					
LCD Screen	10" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive
System	Linux	Android	Linux	Linux	Android
Button Type	—	—	—	—	—
Wi-Fi	Supported	Supported	—	Supported	Supported
RS485	1	1	—	1	1
Alarm In/Out	6/1	8/1	6/1	6/1	8/1
Memory Slot	Micro SD card (up to 64 GB)	Micro SD, Max 256GB	Embedded 8GB	Micro SD card (up to 64 GB)	Micro SD, Max 256GB
Ethernet	10 /100Mbps Ethernet	10M/100Mbps	10M/100Mbps	10 /100Mbps Ethernet	10M/100Mbps
Installation	Surface	Surface	Surface	Surface	Surface
Material	Metal	Plastic	Plastic	Metal	PC+ABS
Working Temperature	-10 °C to +55 °C (+14 °F to 131 °F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10 °C to +55 °C (+14 °F to 131 °F)	-10°C~+55°C (14°F~+131°F)
Power Supply	DC 12V, Standard PoE Max 7W	DC12V, PoE (802.3af), Max 7W	DC12V, PoE (802.3af), Max 7W	DC 12V, Standard PoE Max 7W	DC12V, PoE (802.3af), Max 7W

IP Indoor Monitors

	Indoor Monitors				
	VTH5422HW(B)	VTH5421HW-W	VTH5421HW(B)	VTH5421E(W)-H	VTH1550CH-S2
Model					
LCD Screen	7" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 800×480 Capacitive
System	Linux	Linux	Linux	Linux	Linux
Button Type	—	—	—	—	Touch
Wi-Fi	—	Supported	—	—	—
RS485	1	1	1	1	1
Alarm In/Out	6/1	6/1	6/1	6/1	6/1
Memory Slot	Micro SD card (up to 64 GB)	Micro SD card (up to 64 GB)	Micro SD, 64GB max	Micro SD, 32GB max	Micro SD, 32GB max
Ethernet	10 /100Mbps Ethernet	10 /100Mbps Ethernet	10Mbps/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface	Surface	Surface, Desktop	Surface
Material	Plastic	Plastic	PC+ABS	Plastic	Plastic
Working Temperature	-10 °C to +55 °C (+14 °F to 131 °F)	-10 °C to +55 °C (+14 °F to 131 °F)	-10°C to +55°C (+14°F to 131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
Power Supply	DC 48V 1.25A, Standard PoE Max 6W	DC 12V, Standard PoE Max 6W	12V DC 1A; Standard PoE	DC12V, PoE (802.3af), Max 5W	DC12V, Max 7W

IP Indoor Monitors

	Indoor Monitors			
	VTH2421FW-P VTH2421FB-P	VTH2421FW/FB	VTH2621G(W)-WP	VTH2621G(W)-P
Model				
LCD Screen	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive
System	Linux	Linux	Linux	Linux
Button Type	—	—	—	—
Wi-Fi	—	—	Support	—
RS485	—	—	1	1
Alarm In/Out	6/1	6/1	6/1	6/1
Memory Slot	Embedded 8GB	—	Micro SD card (up to 64 GB)	Micro SD card (up to 64 GB)
Ethernet	10M/100Mbps	10M/100Mbps	10 /100Mbps Ethernet	10 /100Mbps Ethernet
Installation	Surface, Desktop	Surface, Desktop	Surface	Surface
Material	Plastic	Plastic	Plastic	Plastic
Working Temperature	-10°C~+55°C (14°F~+131°F)	-40°C~+60°C (40°F~+140°F)	-10 °C to +55 °C (+14 °F to 131 °F)	-10 °C to +55 °C (+14 °F to 131 °F)
Power Supply	DC12V, PoE (802.3af), Max 6W	DC12V, Max 7W	DC 12V 1A, Standard PoE Max 6W	DC 12V 1A, Standard PoE Max 6W

VIDEO INTERCOM

IP 2-Wire Systems

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



2-Wire Villa Door Station

	Villa Door Stations	
	VTO3312Q-P	VTO2202F-P-S2
Model		
Image Sensor	1/2.8" 2MP CMOS	1/2.5" 2MP CMOS
Lens	2.2mm	1.9 mm
Angle of View	H: 125°; V: 65°; D: 139°	H: 168.6°; V: 87.1°; D: 176.7°
Day/Night	Color Image	ICR
Indicator light	Calling Answer Unlock	Calling Answer Unlock
Reader	Mifare Card	—
Keypad	Mechanical Button	Mechanical Button
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Butto	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP65, IK08	IP65, IK07
Tamper Switches	1	1
2-Wire	Supported	Supported
Ethernet	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface & Flush
Material	Aluminum alloy	Aluminum
Working Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC48 V, Standard PoE, Max 6W;2-Wire	DC12V, PoE (802.3af), Max 12W; 2-wire

2-Wire Modular Door Station	
	Villa Door Stations
Model	VTO4202F-P-S2
	
Image Sensor	1/2.5" 2MP CMOS
Lens	1.9 mm
Angle of View	H: 168.6°; V: 87.1°; D:176.7°
Day/Night	ICR
Indicator light	—
Reader	—
Keypad	—
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP65, IK07
Tamper Switches	—
2-Wire	Supported
Ethernet	10M/100M Network Port
Installation	Surface & Flush
Material	Aluminum
Working Temperature	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12V, PoE (802.3af), Max 12W

2-Wire Indoor Monitor		
	Villa Door Stations	
Model	VTH8642KMS-W	VTH8622KMS-W
		
LCD Screen	10" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive
System	Linux	Linux
Button Type	—	—
Wi-Fi	Supported	Supported
RS485	1	1
Alarm In/Out	6/1	6/1
Memory Slot	Micro SD card (up to 64 GB)	Micro SD card (up to 64 GB)
Ethernet	10 /100 Mbps Ethernet	10 /100 Mbps Ethernet
Installation	Surface	Surface
Material	Metal	Metal
Working Temperature	-10 °C to +55 °C (+14 °F to 131 °F)	-10 °C to +55 °C (+14 °F to 131 °F)
Power Supply	DC 48V 1.25A, 2-Wire Max 7W	DC 48V 1.25A, 2-Wire Max 7W

2-Wire Indoor Monitor

	VTH5422HW(B)-W	VTH5422HW(B)	VTH2622G(W)-W
Model			
LCD Screen	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive
System	Linux	Linux	Linux
Button Type	—	—	—
Wi-Fi	—	—	—
RS485	1	1	1
Alarm In/Out	6/1	6/1	6/1
Memory Slot	Micro SD card (up to 64 GB)	Micro SD card (up to 64 GB)	Micro SD card (up to 64 GB)
Ethernet	10 /100 Mbps Ethernet	10 /100 Mbps Ethernet	10 /100 Mbps Ethernet
Installation	Surface	Surface	Surface
Material	Plastic	Plastic	Plastic
Working Temperature	-10 °C to +55 °C (+14 °F to 131 °F)	-10 °C to +55 °C (+14 °F to 131 °F)	-10 °C to +55 °C (+14 °F to 131 °F)
Power Supply	DC 12V, Standard PoE Max 6W	DC 48V 1.25A, Standard PoE Max 6W	DC 48V 1.25A; 2-Wire Max 6W

VIDEO INTERCOM

Analog Villa System

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

Analog Villa System

Villa Door Stations		
	VTO1000J	VTO1000JM
Model		
Image Sensor	1/4'' 1.3MP CMOS	1/4'' 1.3 MP CMOS
Lens	2.8mm	3.3mm
Angle of View	H:70°, V:40°, D:82	H: 70°, V: 40°
Day/Night	ICR	ICR
Reader	—	—
Keypad	Mechanical Button	Mechanical Button
Door Control	1 Relay Out 1 Exit Button	1 Relay Out 1 Exit Button
Ingress Protection	IP66	IP66, IK07
Tamper Switches	—	—
Installation	Surface	Surface
Material	PC + ABS	ADC12
Working Temperature	-30°C~+50°C (-22°F~+122°F)	-30°C to +60°C (-22°F to +140°F)
Power Supply	DC12V, Max 3W	Powered by Indoor Monitor

Villa Indoor Monitors		
	VTH1020J	VTH1020J-T
Model		
LCD Screen	7'' TFT 1024×600	7'' TFT 1024×600
Button Type	Mechanical Button	Mechanical Button
Alarm In/Out	—	—
Installation	Surface	Surface
Snapshot	—	Supported
Material	PC + ABS	PC+ABS
Working Temperature	-10°C~+55°C (+14°F~+131°F)	-10°C to +55°C (+14°F to +131°F)
Power Supply	DC 12V/2A, MAX 5W	DC 12V/2A, MAX 5W

KIT

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



IP



KTP01L

IP



KTP02

IP



KTP03

IP



KTP04

Analog



KTA02

Analog



KTA02M

Analog



KTA03

Analog



KTA03M

KIT

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



WiFi



KTW01

WiFi

NEW



KTW02

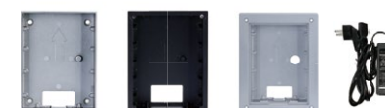
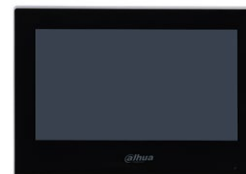
2-wire



KTD01L

2-wire

NEW



KTD02



VTO1210C-X-S1			VTO75x1G/VTO65x1H/VTO6521F			VTO3311Q-WP/ VTO3312Q-P		
								
Model	VTOB103		Model	VTM121		Model	VTM57	
Installation	Flush		Installation	Flush		Installation	Multicolor casings	
	Surface			Surface				

VTO1000J/VTO1000J-T			VTO2202F-P/VTO2202F-P-S2			VTO4202F(FB) Series		
								
Model	VTM22A		Model	VTM114		Model	VTM125/VTM25P2	
Type	Horizontally inclined bracket		Installation	Flush		Description	For 2-module VTO4202F/FB	
	Vertically inclined bracket			Surface			For 3-module VTO4202F/FB	

Rain Cover												
												
Model	VTM51R2/VTM30R2		VTM52R2/VTM26R2		VTM53R3/VTM27R3		VTM54R4/VTM28R4		VTM56R6/VTM29R6			
Description	For VTO4202F-X/VTO4202FB-X Series					For VTO2202F/ VTO2201F Series		For VTO3211D- P1/P2/P4 Series		For VTO3221E/ VTO6221E series	For VTO2211G Series	For 3-module VTO4202F/FB

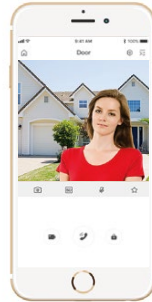
	IP	2-Wire		Access Control		Lift Controller	Call Lift Module
Model	VTNS1060A	VTNS2003B-2		DEE1010B	Model	VTM416	VTM401
Appearance					Appearance		
Description	6ch Dahua PoE switch 30 cascading DC24V, Max 45W	10-level cascade through the 2-wire device port; Supports connection with 20 indoor monitors and 2 door stations; Supports connection through RJ45 port		RS485 convertor DC12V, Max 1W	Description	Supports 8 cascading, up to 128 floors permission control DC 12V/2A	Call lift to the designated floor through the indoor monitor DC 12V/1A

Power Supplies					Distributed Power Supply	UPS
Model	PFM321D Series		PFM320D Series	ADS-36RJ-2424024G	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	Android 5.0 or above; iDMSS: IOS 9.0 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 transferred from VTH
Unlock the VTO remotely
Send unlock notification to mobile phone
Supports maximum of 5,000 users, with up to 5 users per household



Devices	Add Device Method	IP/Domain
	Supported Devices	SIP VDP devices
VDP Operation	Talk	Receive video calls transferred from VTH
	Control	Open door remotely
	Alarm Push	Supported
Live View	Features	Unlock history, call history
Minimum System Requirements	OS	Android: 4.0 or above; iOS: 9.0 or above
	CPU	1 GHz or above
	Memory	Android: 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	50
LCD Screen	10" TFT 1024×600 Capacitive
Button Type	Touch
Audio In/Out	4/1
Ethernet	100M/1000Mbps
Material	PC + ABS
Working Temperature	-10°C~+55°C (+14°F~+131°F)
Power Supply	DC 12V/2A, 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	SIP ID<256 DSS Express SIP ID<1000 DSS Pro SIP ID<1000 DSS4004-S2 SIP ID<2000 DSS7016-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 Transfers video talk request to mobile phone from VTH Supports maximum of 50 simultaneous calls
	Control	Control center and mobile phone remote unlock SIP phone remote unlock by the password All-in-one access control management (face, card, fingerprints)
	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-bit 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 or higher for DSS Express
	Memory	8GB
	Display Resolution	1024×768 or above

Emergency Phone Terminals

- 1.3MP CMOS camera
- Night vision
- Echo cancellation
- Emergency calls
- Video & audio talk
- Alarm integration

VIDEO INTERCOM

Emergency Phone Terminals

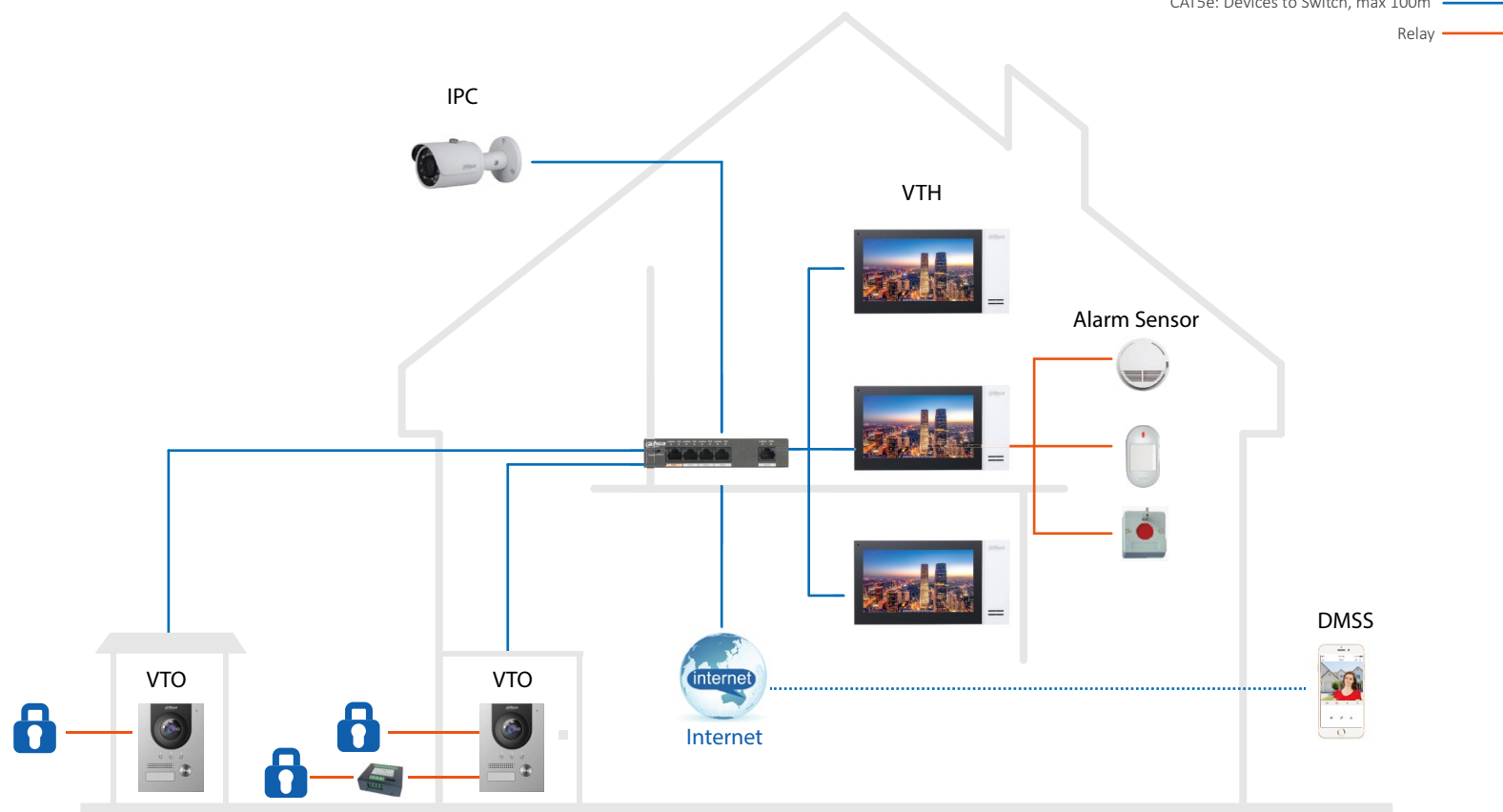
	Emergency Phone Boxes	Emergency Phone Towers	
	VTA2302A	VTA8111A	VTA8111AB
Model			
Image Sensor	1/2.7" 2MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS
Lens	Pinhole	Pinhole	Pinhole
Day/Night	Color Image	Color Image	Color Image
LCD Screen	—	—	—
Reader	—	Mifare Card	Mifare Card
Keypad	Mechanical Button	Mechanical Button	Mechanical Button
Extensions	—	LED Screen, IP PTZ, IP Dome, Alarm Lamp, Siren	LED Screen, IP PTZ, IP Dome, Alarm Lamp, Siren
Alarm In/Out	2/2	2/2	2/2
Ingress Protection	IP65, IK08	IP65, IK10	IP65, IK10
Tamper Switches	1	2	2
Memory Slot	-	Micro SD, Max 64G	Micro SD, Max 64G
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface	Pole mount	Pole mount
Material	Aluminum	SGCC	SGCC
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)
Power Supply	DC12~24V, POE(802.3af),Max 6W	AC 100V-240V@ 47Hz-63Hz,Max 80W	AC 100V-240V@ 47Hz-63Hz,Max 80W

Emergency Phone Terminals

	Master Station
	VTS8340B-CG
Model	
LCD Screen	10" TFT 1024×600 Capacitive
Button Type	Mechanical
Audio In/Out	3/2
Camera	5MP CMOS
Ethernet	100M/1000Mbps
Material	PC + ABS
Working Temperature	-10°C to +55°C (+14°F to +131°F)
Power Supply	DC 12V/2A

➤ IP Villa Solution (1-Flat)

Our IP Villa Solution offers a rich set of features such as remote intercom, door control, real-time video surveillance, and push notifications for mobile phones. No matter where you are, no visitors or messages will be missed.



Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Standard PoE



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance

Recommended Products



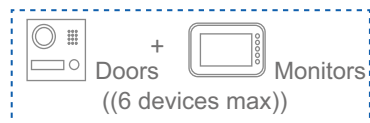
VTO2201F-P

Villa Door Station
2MP CMOS, 140°
IP65, IK07



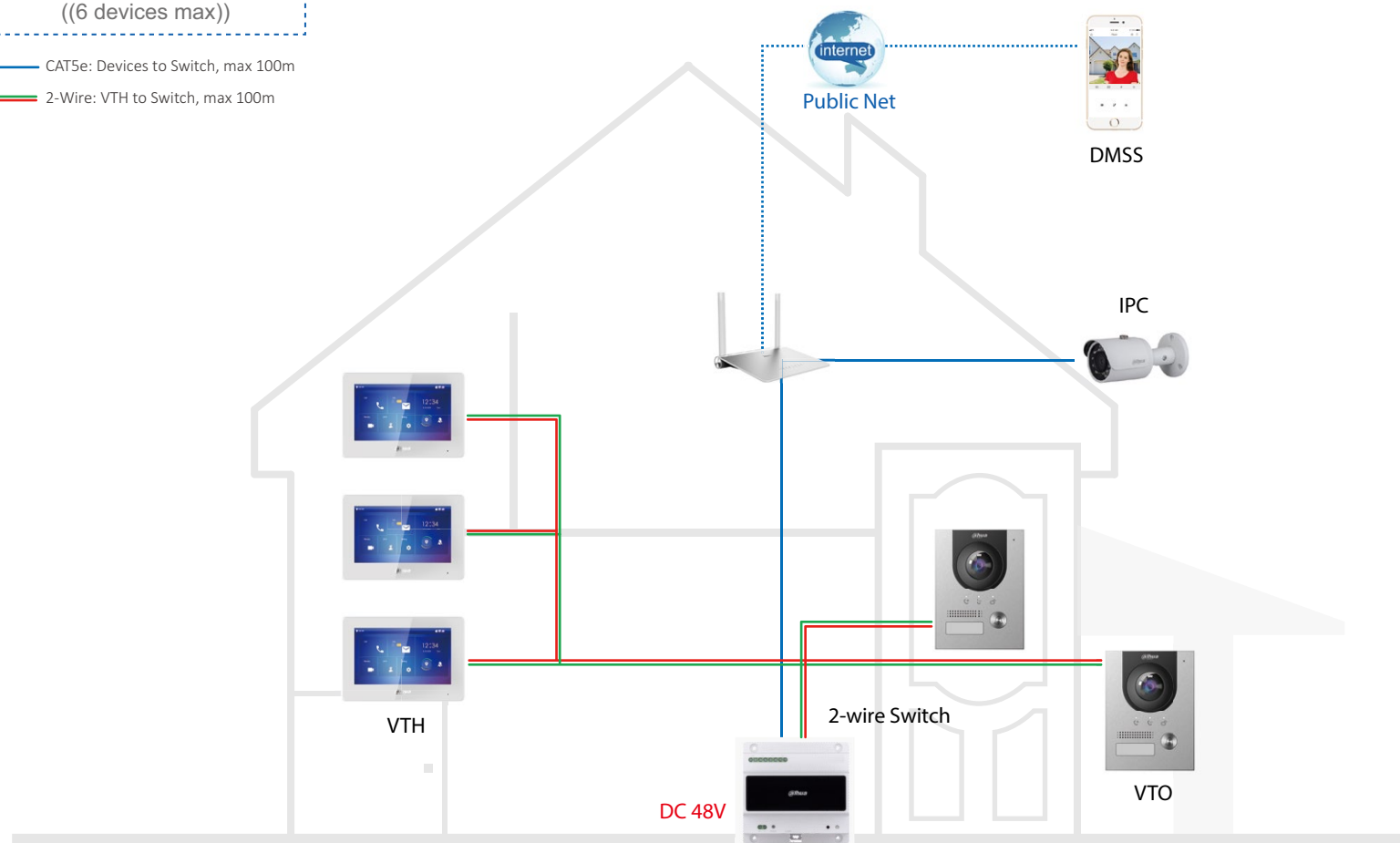
VTH2421FW-P

IP Indoor Monitor
7" Capacitive



— 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. The 2-wire indoor monitors access the Internet easily through a special converter. The system can easily adapt to multiple wiring environments and can enable 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-S2

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

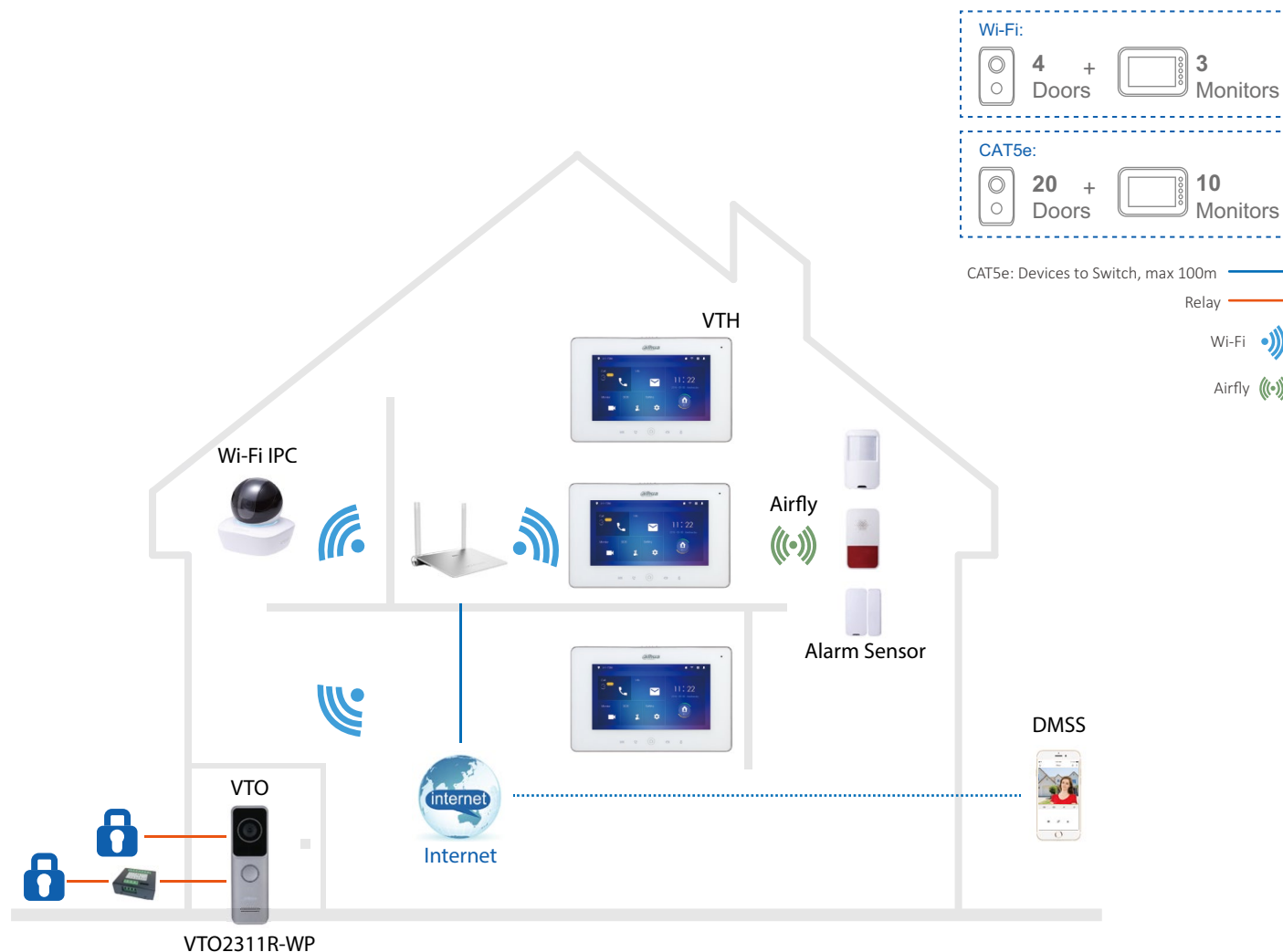


VTH5422HW

Indoor Monitor
7" Capacitive
2.5D glass 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, alarm detectors, and smart lock work together through Wi-Fi and Dahua Airfly to create a wireless smart home system. Wi-Fi door stations can function as a doorbell and can 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



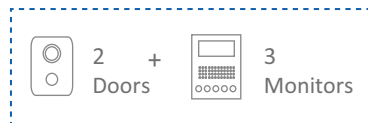
VTO2311R-WP

Wi-Fi Villa Door Station
2MP CMOS
IP65

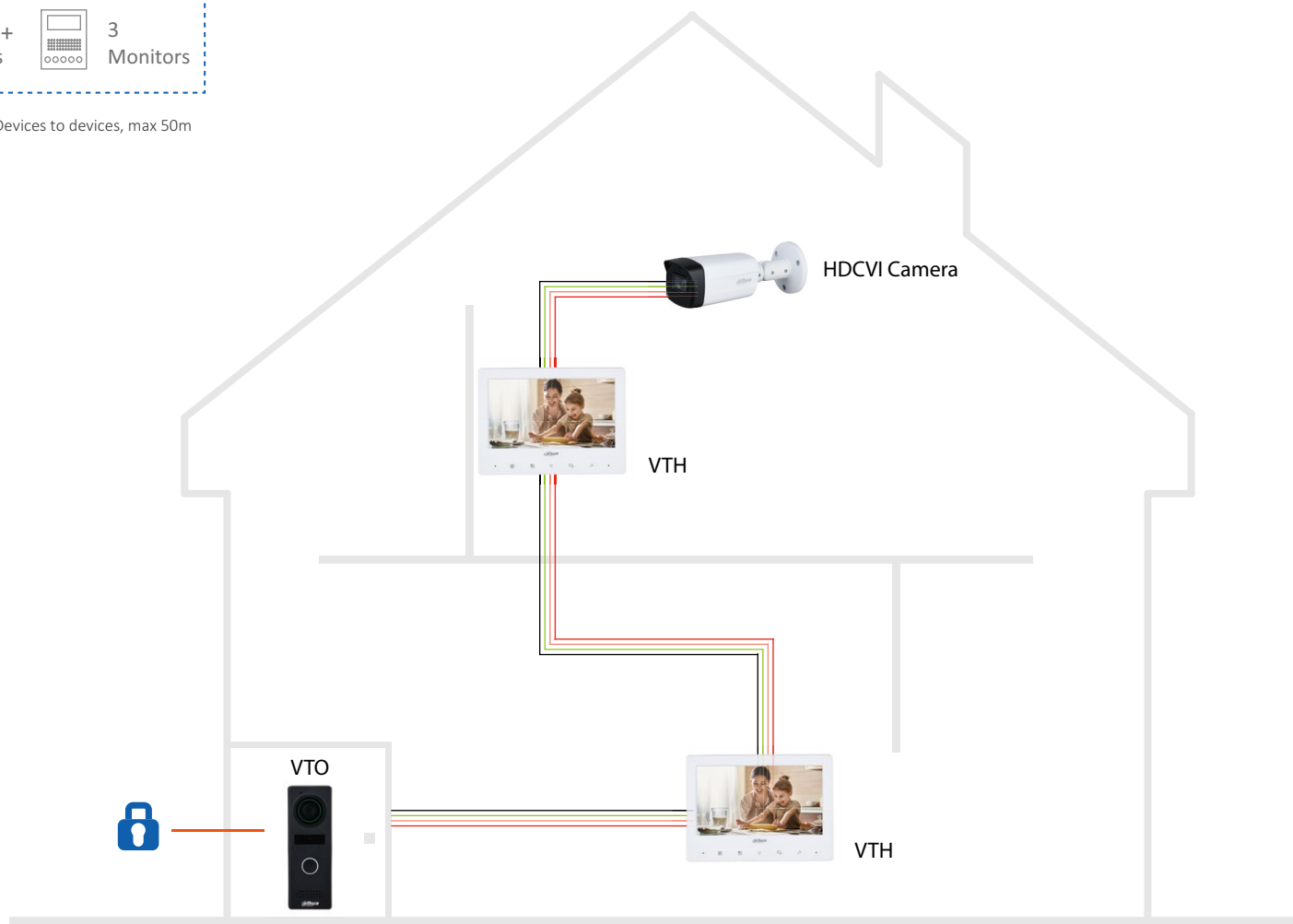


VTH5221D-S2

Wi-Fi Indoor Monitor
7" Capacitive, 1024x600



RVV4: 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



VTO1000JM

Villa Door Station
1.3MP Camera
IP66, IK07

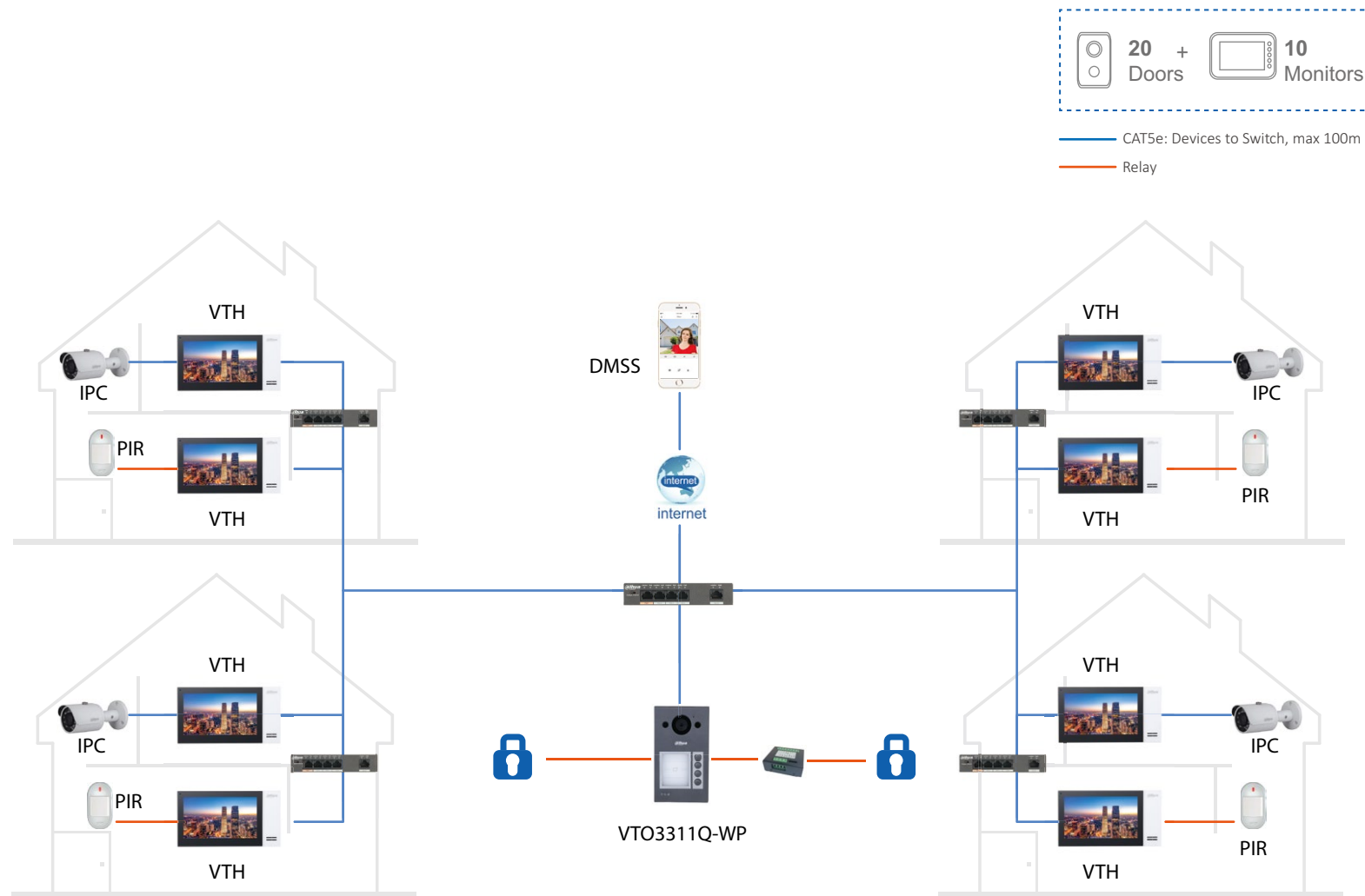


VTH1020J

Indoor Monitor
7" TFT Screen

➤ 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



VTO3311Q-WP

Villa Door Station
2MP CMOS
IP65, IK08



VTH2421FW-P

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

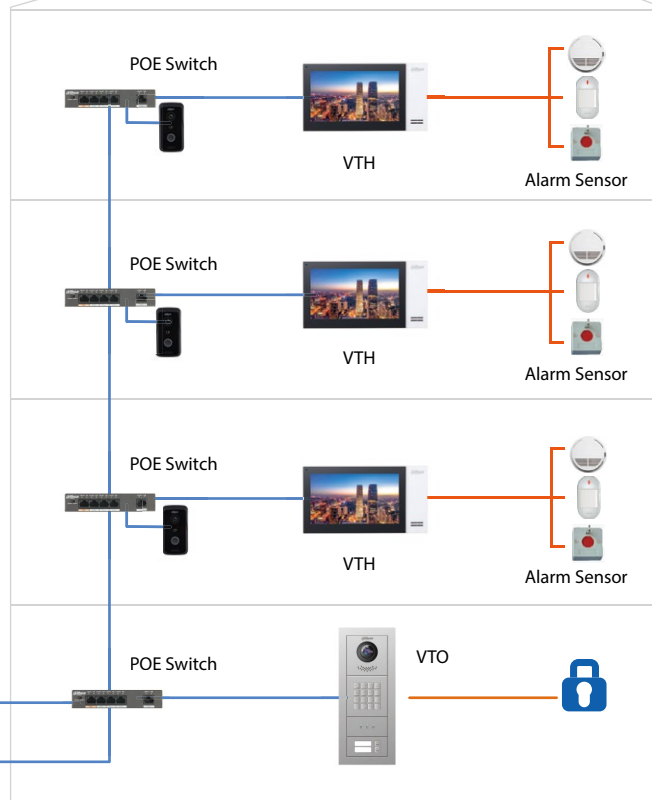


internet

IPC



Building



> IP Small Apartment Solution

The 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

Recommended Products



Video & Audio Call



Night Vision



Group Calls



Emergency Calls



Modular Design



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application



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



VTO4202F-MS
Display module
3.0" STN
IP65, IK07



VTO4202F-MB5
Five-button module
IP65, IK07



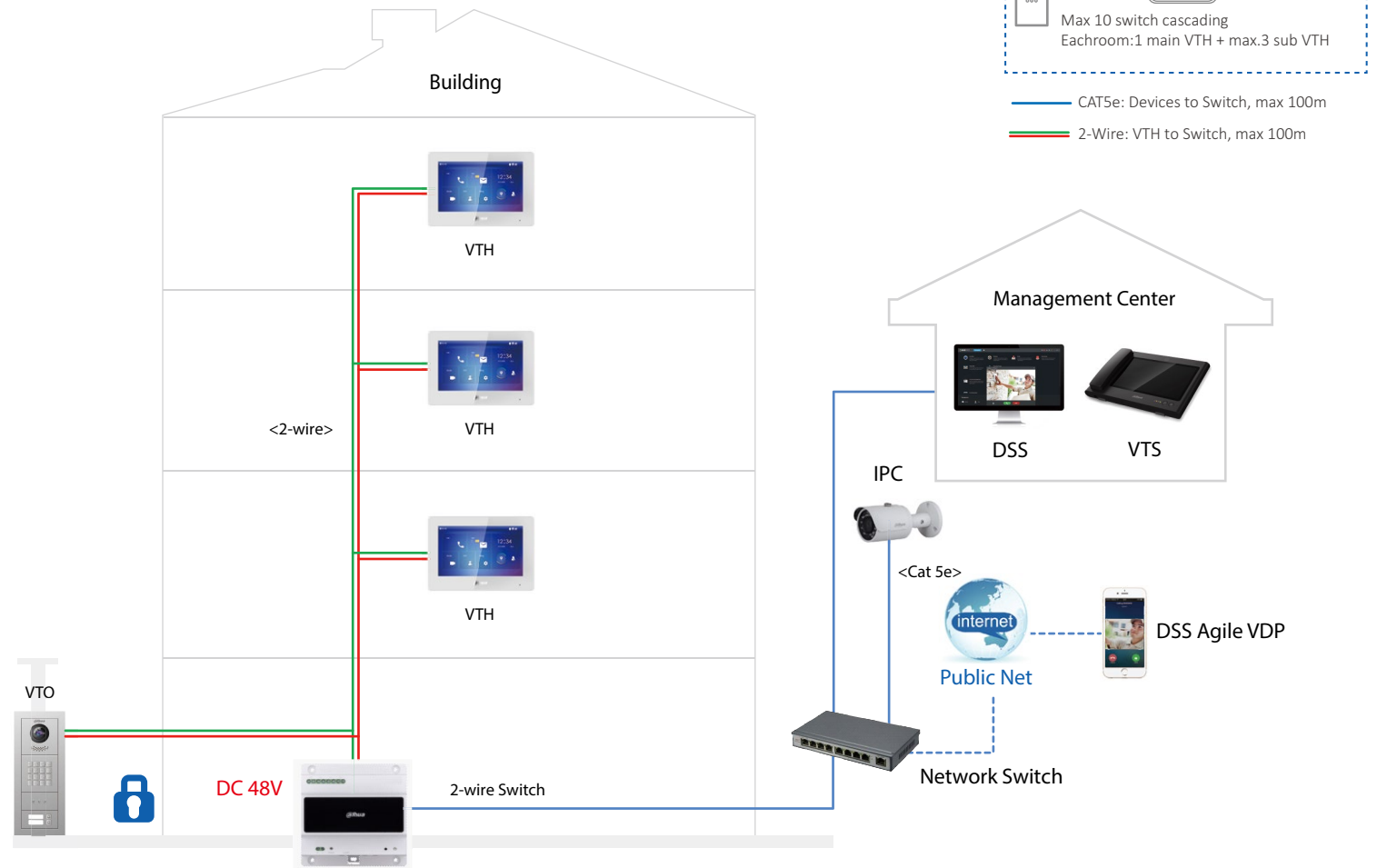
VTO4202F-MF
Fingerprint module
IP65, IK07



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

> IP 2-wire Apartment Solution

The IP 2-Wire Apartment Solution uses two wires to transmit data signals and power. 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.



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-S2

Camera module
2MP 160°
IP65, IK07



VTO4202F-MB5

Five-button module
IP65, IK07

VTO4202F-M5

Display module
3.0" STN
IP65, IK07

VTO4202F-MF

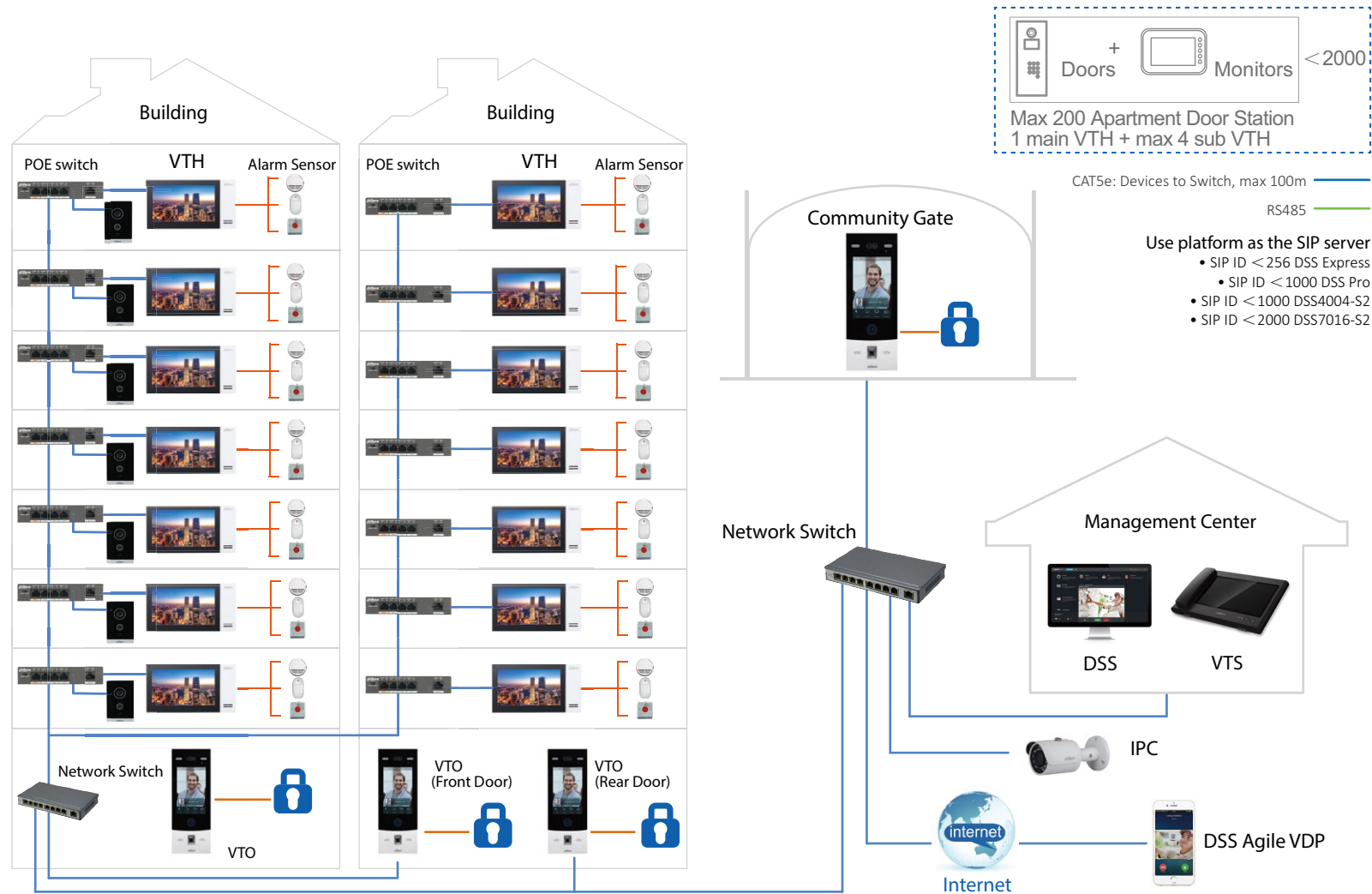
Fingerprint module
IP65, IK07



VTH5422HW

Indoor Monitor
7" Capacitive
2.5D glass screen

> 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 great convenience to residents and property management personnel.

Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging

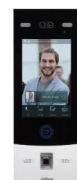


IPC Surveillance



Mobile Application

Recommended Products



VTO7541G

Unit Door Station
2MP COMS
Face & Fingerprint
IP66, IK07

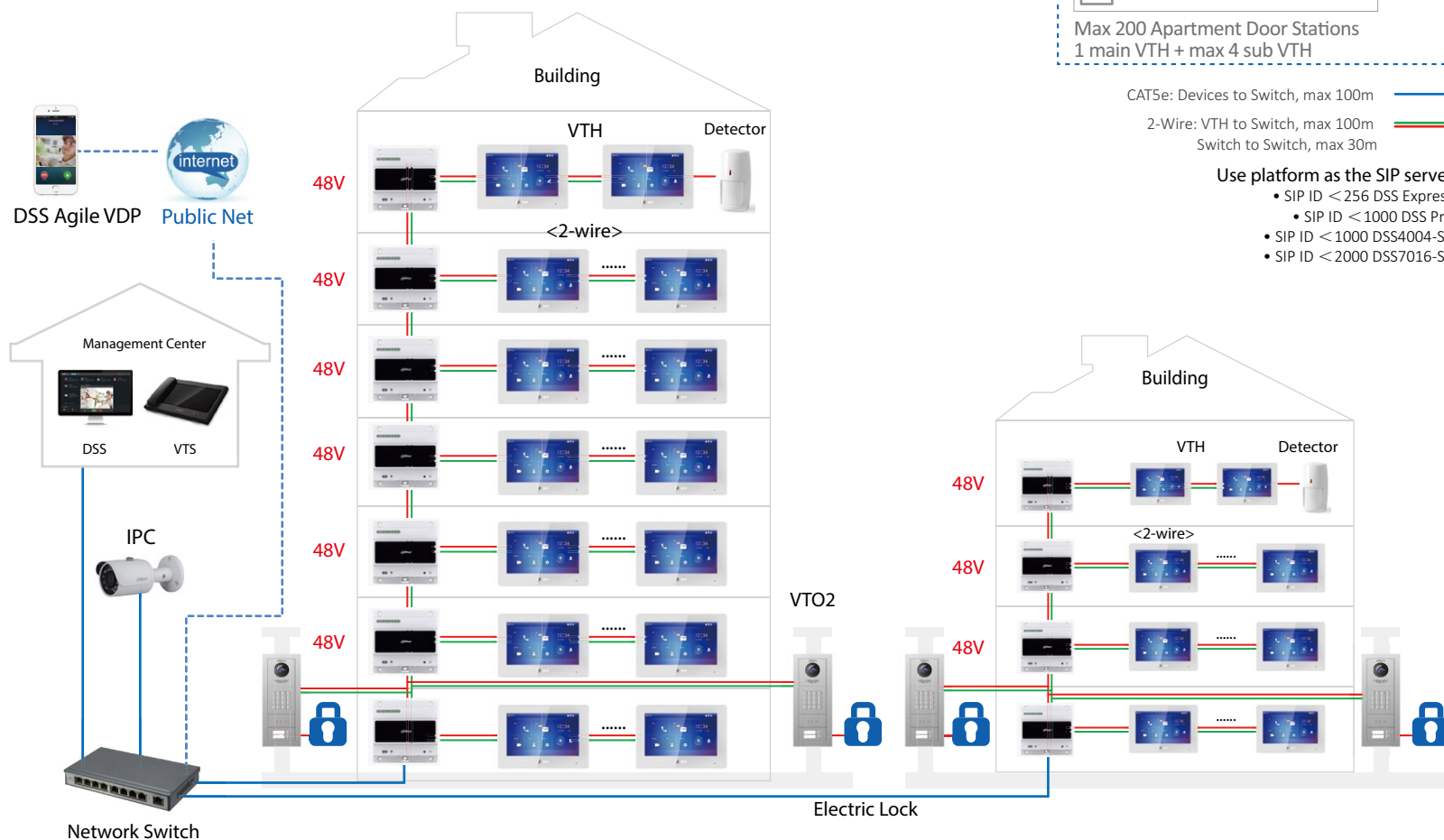


VTH2421FW-P

IP Indoor Monitor
7" Capacitive, 1024x600

> IP 2-Wire Apartment Solution

The IP 2-Wire Apartment Solution uses two wires to transmit data signals and power. The 2-wire indoor monitors can access the Internet easily through a special converter. The system can easily adapt to multiple wiring environments and can enable 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-S2

Camera module
2MP 160°
IP65, IK07



VTO4202F-MS

Display module
3.0" STN
IP65, IK07



VTO4202F-MB5

Five-button module
IP65, IK07



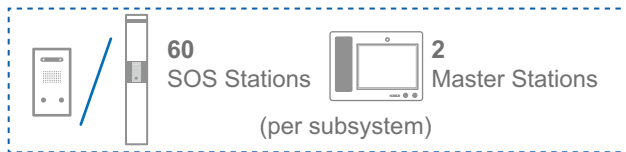
VTO4202F-MF

Fingerprint module
IP65, IK07

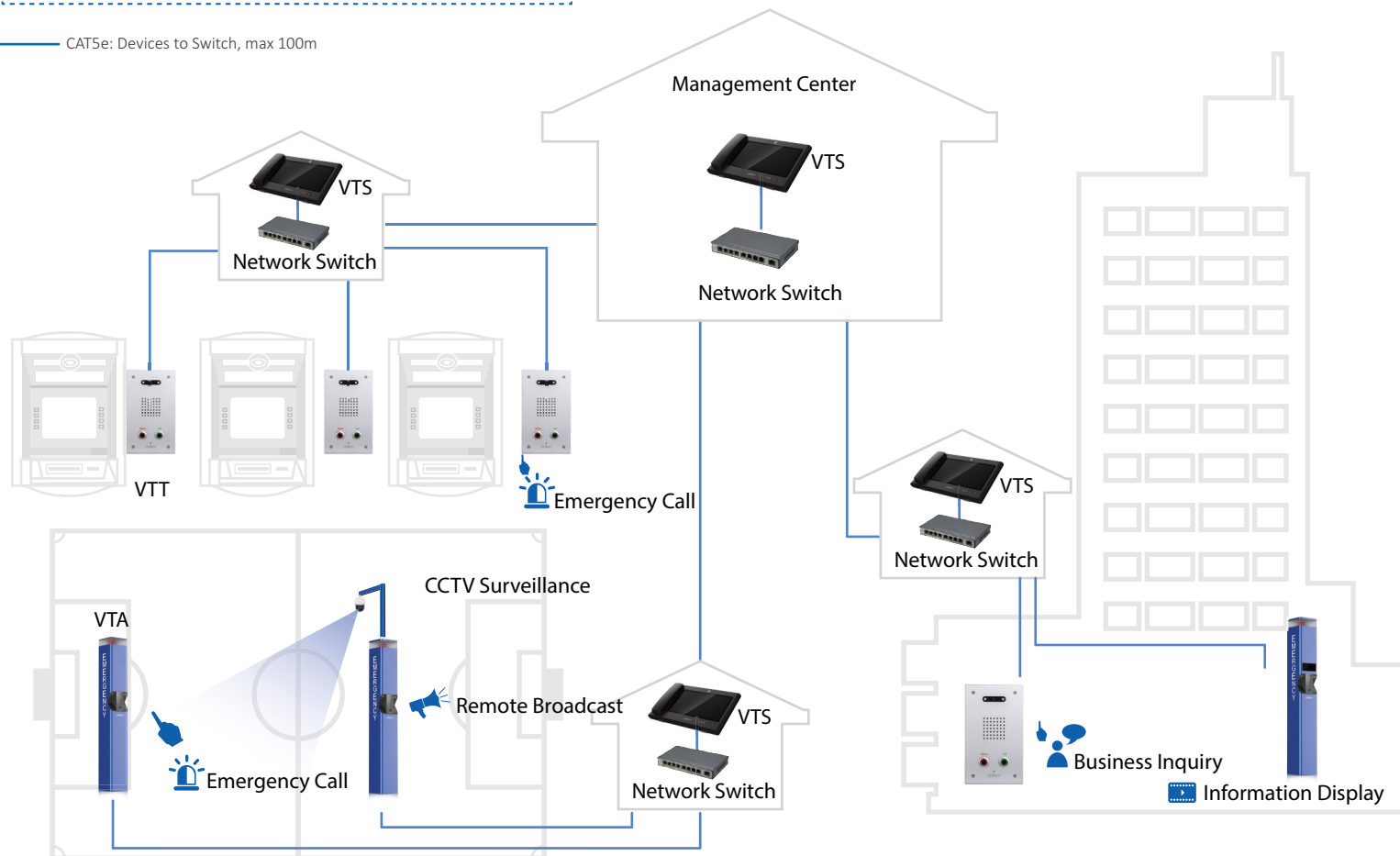


VTH5422HW

Indoor Monitor
7" Capacitive
2.5D glass screen



CAT5e: Devices to Switch, max 100m



> SOS Solution

Emergency phone terminals can be used in a variety of public locations. Multiple product types meet different installation requirements. Abundant extension devices make a complete solution possible.

Features



HD Video



Two-way Video & Audio Talk



CCTV Surveillance



Remote Monitor



Remote Broadcast



Vandal Proof

Recommended Products



VTA2302A

Emergency Phone Box
1.3MP COMS
IP65, IK08



VTA8111A

Emergency Phone Tower
1.3MP COMS
IP65, IK10



VTS8340B-CG

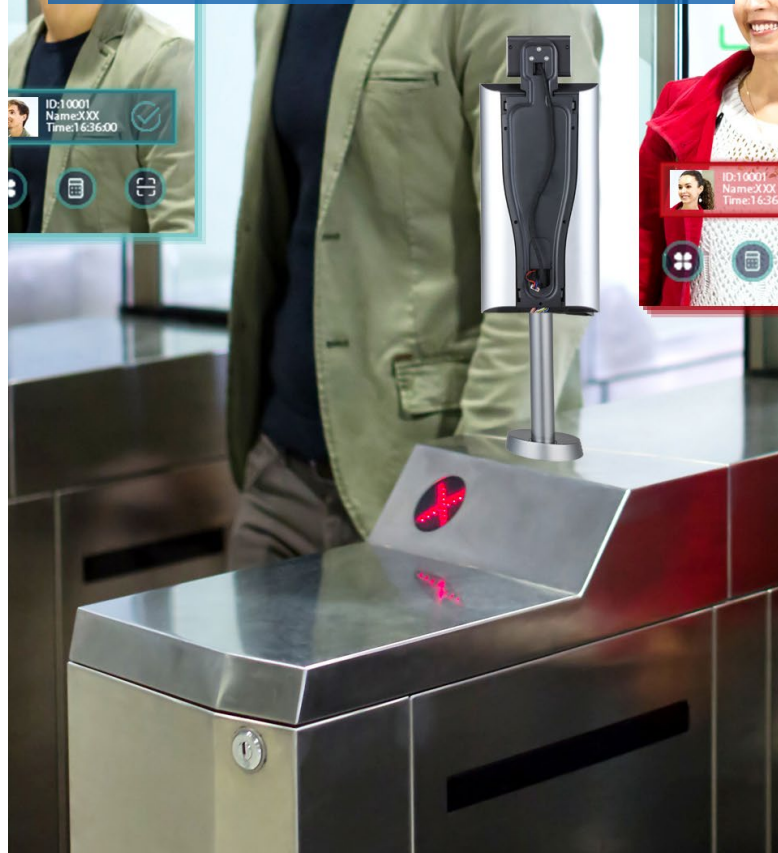
Master Station
10" Capacitive
1.3MP COMS

ACCESS CONTROL



Dahua Temperature Monitoring & Access Control Terminal

- Faster face recognition speed of 0.2s-0.35s
- Face verification accuracy of 99.5%
- Stronger ability to adapt to complex lighting environments



FACE RECOGNITION TERMINALS

Temperature Series Products

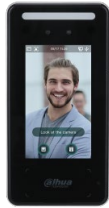
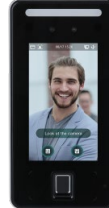
		DHI-ASI7213X-V1-T1	DHI-ASI6213J-FT1	DHI-ASI7213YO-V3-T0
Basic Information	Model			
	Product	Forehead Temperature Monitoring	Forehead Temperature Monitoring	Wrist Temperature Monitoring
Face Recognition Performance	Screen	2.5D curved, 7 inch touchscreen	4.3 inch touchscreen	7 inch touchscreen
	Card Capacity	100,000	6,000	50,000
	Face Capacity	100,000	6,000	50,000
	Log Capacity	300,000	150,000	100,000
	FR Speed	0.2"	0.2"	0.35"
	Face Verification Accuracy	99.5%	99.5%	99.5%
	Material	PC+Aluminium-alloy	Aluminium alloy/PC	PC+ABS
	Mask Detection	YES	YES	YES
	Temperature Monitor Range	30°C~45°C	30°C~45°C	30°C~45°C
Temperature Monitoring Performance	Operation Environment Temperature	10°C~35°C	10°C~35°C	10°C~35°C
	Temperature Monitoring Distance	30cm-180cm	30cm-120cm	1cm-5cm
	Temperature Monitoring Speed	0.2"	0.2"	1"
	Temperature Monitoring Error	≤ 0.5°C	≤ 0.5°C	≤ 0.3°C
	Installation Environment	Indoor	Indoor	Outdoor (shield necessary)
Installation	Mounting Method	Wall Mount Vertical Mount Desktop Mount Turnstile Mount	Wall Mount Vertical Mount Desktop Mount Turnstile Mount	Vertical Mount Desktop Mount
	Platform	DSS Express Smartpss-AC DMSS	DSS Express Smartpss-AC DMSS	DSS Express Smartpss-AC DMSS
Others	NVR	NVR5-4KS2 NVR5-I	NVR5-4KS2 NVR5-I	NVR5-4KS2 NVR5-I
	VTH	DHI-VTH5341G--Android DHI-VTH5421EW-H--Handset DHI-VTH2421FW-P	DHI-VTH5341G--Android DHI-VTH5421EW-H--Handset DHI-VTH2421FW-P	DHI-VTH5341G--Android DHI-VTH5421EW-H--Handset DHI-VTH2421FW-P

Face To Convenient Future

- Fast: face recognition speed is less than 0.3 second per person
- Accurate: 99.5% accuracy rate and strong adaptability to harsh environment
- Convenient: touchless access; diverse installation options; multiple management interfaces
- Trusted: complies with GDPR; equipped with anti-spoofing algorithm against photo and video attack



FACE RECOGNITION TERMINALS

FACT Series Products		
	ASI6213J-MW	ASI6214J-MFW
Model	 	 
Screen	4.3" LCD touchscreen, 480 × 272	4.3" LCD touchscreen, 480 × 272
Reader Format	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)
Interface	USB	USB
Alarm In/Out	1/1	1/1
Users	6,000	6,000
Card Capacity	6,000	6,000
Fingerprint	—	6,000
Face Capacity	6,000	6,000
Record Capacity	150,000	150,000
Face Recognition Speed	0.3s	0.3s
Users Roles	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other
Time Plans	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
Ethernet	10/100Mbps	10/100Mbps
Ingress Protection	IP65	IP65
Working Temperature	-30°C~+60°C	-30°C~+60°C
Power Supply	DC 12V/2A	DC 12V/2A

FACE RECOGNITION TERMINALS

- 37 -

FACT Series Products

Model	ASI3223GL	ASI3213G-MW	ASA3213GL-MW
			
Screen	4.3" LCD touchscreen, 480 × 272	4.3" LCD touchscreen, 480 × 272	4.3" LCD touchscreen, 480 × 272
Reader Format	—	13.56 MHz Mifare Classic (IC)	13.56 MHz Mifare Classic (IC)
Communication	RS485	RS485	RS485
Interface	USB	USB	USB
Alarm In/Out	1/1	1/1	1/1
Users	1,000	1,500	500
Card Capacity	—	1,500	500
Fingerprint	—	—	—
Face Capacity	1,000	1,500	500
Record Capacity	150,000	150,000	150,000
Face Recognition Speed	0.2s	0.3s	0.3s
Users Roles	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other
Time Plans	128	128	—
Alarm Types	Door time out, Intrusion, Duress, Tamper, Anti-passback	Door time out, Intrusion, Duress, Tamper, Anti-passback, Unauthorized Card Overcount	—
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps
Ingress Protection	—	—	—
Working Temperature	-10 °C to +55 °C	-10°C~+55°C	-10°C~+55°C
Power Supply	DC 12 V 1.5 A	DC 12V/1.5A	DC 12V/1.5A

Face Recognition Algorithm Based On Deep Learning

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



FACE RECOGNITION TERMINALS

Face Recognition Terminals

	ASI7213X	ASI7214X	ASI7213Y-V3
Model			
Screen	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)
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)
Interface	USB	USB	USB
Alarm In/Out	2/2	2/2	2/2
Users	100,000	100,000	50,000
Card Capacity	100,000	100,000	50,000
Fingerprint	—	10,000	—
Face Capacity	100,000	100,000	50,000
Record Capacity	300,000	300,000	100,000
Face Recognition Speed	≤0.2s	≤0.2s	≤0.35s
Users Roles	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other
Time Plans	128	128	128
Alarm Types	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
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps
Ingress Protection	IP65	IP65	—
Working Temperature	-30°C~+60°C	-30°C~+60°C	-10°C~+55°C
Power Supply	DC 12V/2A	DC12V/2A	DC 12V/2A

FACE RECOGNITION TERMINALS

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Face Recognition Terminals

Model	ASI7214Y-V3	ASI8213Y-V3	ASI8214Y-V3	ASI7223X-A	ASI7223Y-A-V3	ASI8223Y-A-V3
						
Screen	7" touchscreen, 1024x600	10" touchscreen, 1280x800	10" touchscreen, 1280x800	7" touchscreen, 1024x600	7" touchscreen, 1024x600	10" touchscreen, 1280x800
Reader Format	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	1/1	1/1	1/1
Users	50,000	100,000	100,000	100,000	50,000	100,000
Card Capacity	50,000	100,000	100,000	—	—	—
Fingerprint	10,000	—	10,000	—	—	—
Face Capacity	50,000	100,000	100,000	100,000	50,000	100,000
Record Capacity	100,000	100,000	100,000	300,000	100,000	100,000
Face Recognition Speed	≤0.35s	≤0.2s	≤0.2s	≤0.2s	≤0.35s	≤0.2s
Users Roles	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other	General, VIP, Guest, Patrol, Duress, Other
Time Plans	128	128	128	128	128	128
Alarm Types	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, Tamper, Anti-passback, Unauthorized Card Overcount, Duress Fingerprint	Door time out, Intrusion, 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	—	IP65
Working Temperature	-10°C~+55°C	-30°C~+60°C	-20°C~+50°C	-30°C~+60°C	-10°C~+55°C	-30°C~+60°C
Power Supply	DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A

MULTI-DOOR CONTROLLER SYSTEM

Multi-Door Controllers

- Central management
- Wiegand and RS485 reader protocol

Multi-door Controllers

	ASC2202B-S	ASC2202B-D	ASC2204B-S
Model			
Readers	2	4	4
Communication	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
Exit Buttons	2	2	4
Door Sensors	2	2	4
Alarm In/Out	2/2	4/4	1/1
Users	100,000	100,000	100,000
Record Capacity	500,000	500,000	500,000
User Roles	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress	General, VIP, Guest, Patrol, Duress
Time Plans	128	128	128
Holiday Schedules	128	128	128
Alarm Types	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
Accumulator Battery	—	—	—
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power Supply	DC 12V	DC 12V	DC 12V

MULTI-DOOR CONTROLLER SYSTEM

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Multi-door Controllers					
Model	ASC2202C-S	ASC2202C-D	ASC2204C-S	ASC2204C-D	ASC2208C-S
					
Readers	2	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
Control mode	2 door 1-way	2 door 2-way	4 door 1-way	4 door 2-way	8 door 1-way
Exit Buttons	2	2	4	4	4
Door Sensors	2	2	4	4	4
Alarm In/Out	2/2	6/4	6/4	8/8	8/8
Users	100,000	100,000	100,000	100,000	100,000
Record Capacity	500,000	500,000	500,000	500,000	500,000
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
Time Plans	128	128	128	128	128
Holiday Schedules	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
Accumulator Battery	Max. 12V/7Ah	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
Power Supply	100-240 V AC	100-240 V AC	100-240 V AC	100-240 V AC	100-240 V AC

Master Controller

- Compatible with Onvif Profile C, CGI, and SDK for third party integration
- CAN bus can cascade 16 slave controllers; Allows management of up to 68 doors
- Global anti-passback and multi-door interlock to keep complex large areas secure

MULTI-DOOR CONTROLLER SYSTEM

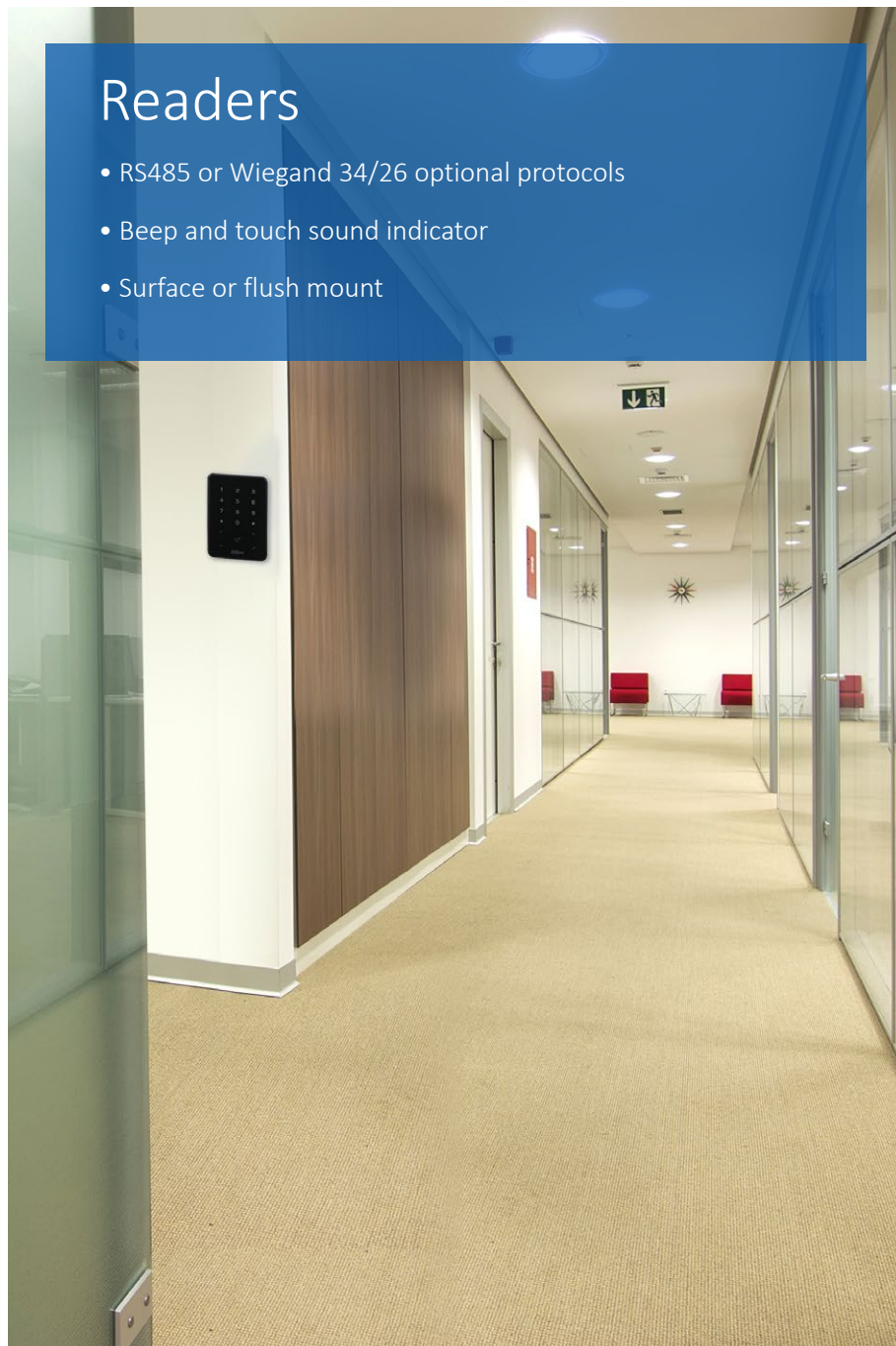
Master Controller and Expansion Modules

	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
Third 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

READER

Readers

- RS485 or Wiegand 34/26 optional protocols
- Beep and touch sound indicator
- Surface or flush mount



Readers				
	ASR2201D-B	ASR2201D-BD	ASR1101M	ASR1101M-D
Model				
Reader Format	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	
Fingerprint Capacity	—		—	
Password Input	Supported		Supported	
Transmission Distance	RS485: 100m/1000m (Separate power supply) Wiegand:40m		RS485: 100m/1000m (Separate power supply) Wiegand:40m	
Alarm Types	Tamper		Tamper	
Keypad	Touch keypad		Metal button	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP65		IK08	
Working Environment	-30°C~+60°C		-30°C~+60°C	
Power Supply	DC9~15V/1.2W		DC9~15V/1.2W	

Readers

	ASR2200A	ASR2200A -D	ASR2201A	ASR2201A -D	ASR2100A	ASR2100A-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	RS485 Wiegand 34/26		RS485 Wiegand 34/26		RS485 Wiegand 34/26	
Fingerprint Capacity	—		—		—	
Password Input	—		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		—	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer		Blue Backlight, Buzzer	
Ingress Protection	IP66 (silicon sealant is needed)		IP66 (silicon sealant is needed)		IP66 (silicon sealant is needed)	
Working Environment	-30°C~+70°C		-30°C~+70°C		-30°C~+70°C	
Power Supply	DC9~15V/1.2W		DC9~15V/1.2W		DC9~15V/1.2W	

Readers						
Model	ASR2101A	ASR2101A-D	ASR2100A-ME	ASR2101A-ME	ASR2102A	ASR2102A-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)
Communication	RS485 Wiegand 34/26		RS485 Wiegand 34/26	RS485 Wiegand 34/26	RS485	
Fingerprint Capacity	—		—	—	3000	
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	RS485: 100m/1000m (Separate power supply)	
Alarm Types	Tamper		Tamper	Tamper	Tamper	
Keypad	Touch keypad		—	Touch keypad	—	
Indications	Blue Backlight, Buzzer		Blue Backlight, Buzzer	Blue Backlight, Buzzer	Blue Backlight, Buzzer	
Ingress Protection	IP66 (silicon sealant is needed)		IP66 (silicon sealant is needed)	IP66 (silicon sealant is needed)	IP66 (silicon sealant is needed)	
Working Environment	-30°C~+70°C		-30°C~+60°C	-30°C~+70°C	-20°C~+65°C	
Power Supply	DC9~15V/1.2W		DC9~15V/1.2W	DC9~15V/1.2W	DC9~15V/1.2W	

STANDALONE TERMINAL

Standalones

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

Standalones												
Model	ASI2212H-W	ASI2212H-DW	ASI2201H-W	ASI2201H-DW	ASI1212F	ASI1212F-D	ASI1201E	ASI1201E-D	ASI1201A	ASI1201A-D	ASI1202M	ASI1202M-D
												
Screen	2.4" LCD		2.4" LCD		2.8" TFT 320x240		—		LCD 128x64		—	
Reader Format	13.56 MHZ (IC)	125 KHZ (ID)	13.56 MHZ (IC)	125 KHZ (ID)	13.56 MHZ Mifare Classic (IC)	125 KHZ (ID)	13.56 MHZ Mifare Classic (IC)	125 KHZ (ID)	13.56 MHZ Mifare Classic (IC)	125 KHZ (ID)	13.56 MHZ Mifare Classic (IC)	125 KHZ (ID)
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	
Interface	USB		USB		USB		—		—		USB	
Alarm In/Out	2/1		2/1		1/2		—		1/2		1/1	
Users	30,000		30,000		30,000		30,000		30,000		30,000	
Card Capacity	30,000		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		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		General, VIP Guest, Patrol Duress	
Time Plans	128		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		Door time out, Intrusion, Duress, Tamper	
Ethernet	100 Mbps		100 Mbps		10/100Mbps		10/100Mbps		10/100Mbps		10/100Mbps	
Ingress Protection	IP65		IP65		—		IP66		—		IP65/IK10	
Working Temperature	-30 °C to +65 °C		-30 °C to +65 °C		-10°C~+45°C		-30°C~+55°C		-10°C~+55°C		-30°C~+60°C	
Power Supply	12 V DC, 1 A		12 V DC, 1 A		DC9~15V/6W		DC9~15V/6W		DC9~15V/6W		DC9~15V/12W	

Time Attendance Terminals

- New friendly UI
- Fingerprint/RF/Password verification
- USB firmware upgrade
- Export/Import user information via USB
- Local devices generate smart attendance reports

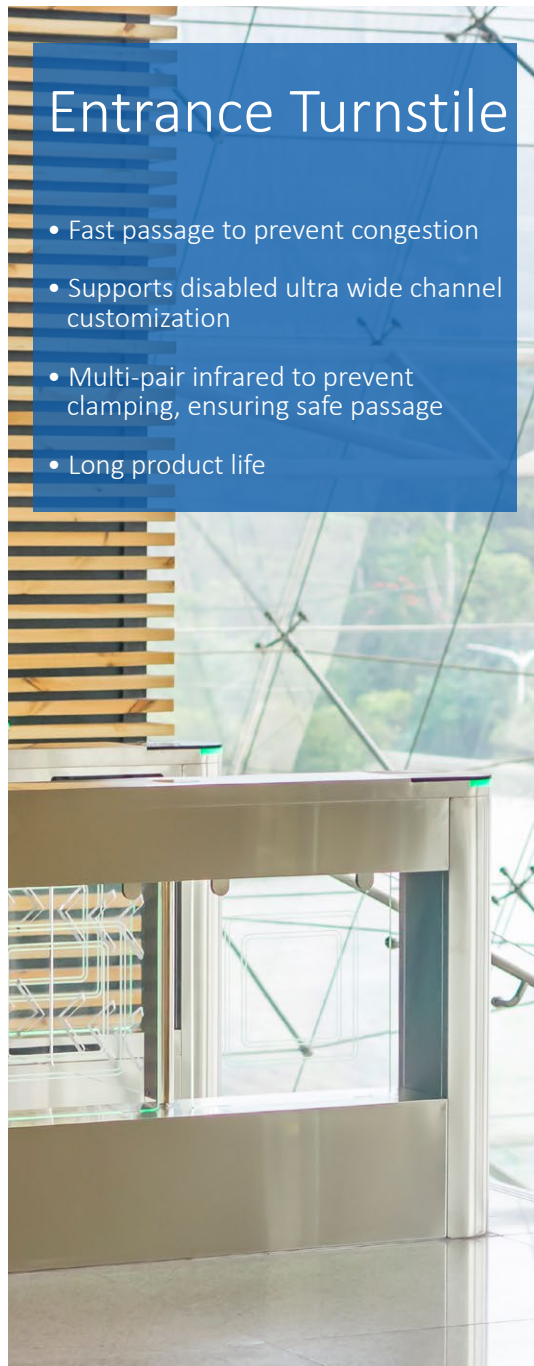
STANDALONE TERMINAL

Time Attendance Terminals

		ASA1222E	ASA1222E-S	ASA1222G	ASA1222G-D
Model					
Access Control Function		—	—	Lite	
System	Memory	8M RAM + 8M Flash	8M RAM + 16M Flash	8M RAM + 16M Flash	
	LCD	2.4"TFT 320×240	2.4"TFT 320×240	2.4"TFT 320×240	
	Camera	—	—	—	
Capacity	User	1,000	1,000	1,000	
	Face Template	—	—	—	
	Fingerprint Template	2,000	2,000	2,000	
	Record Capacity	100,000	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	5V 1A	12V/1A	
Dimensions: W × H × D (mm)		175×120×23	175×120×23	181×135×31	
Operating Temperature		-10°C~+55°C	-10°C~+55°C	-10°C~+55°C	
Platform Software		SmartPSS-AC	SmartPSS-AC	SmartPSS-AC	

Entrance Turnstile

- Fast passage to prevent congestion
- Supports disabled ultra wide channel customization
- Multi-pair infrared to prevent clamping, ensuring safe passage
- Long product life



Turnstile				
	ASGB8xxX	ASGB8xxY	ASGB6xxX	ASGB6xxK
Model				
Motor	brushless servo motor	brushless servo motor	brushless servo motor	brushless servo motor
Cabinet Material	SUS304 2.0mm	SUS304 1.5mm	SUS304 1.5mm	SUS304 1.5mm
Detection	30 pairs of IR detectors	30 pairs of IR detectors	12 pairs of IR detectors	12 pairs of IR detectors
Lock and unlock speed	0.6 s, adjustable	0.6 s, adjustable	0.5 s, adjustable	0.5 s, adjustable
Passing Frequency	20-60 people/minute	20-40 people/minute	20-40 people/minute	20-60 people/minute
Product Life	5 million times	5 million times	5 million times	5 million times
Passage Width	Standard: 600 mm; maximum custom passage width: 1,000 mm	Standard: 600 mm; maximum custom passage width: 1,200 mm	Standard: 600 mm; maximum custom passage width: 1,000 mm	Standard: 600 mm; maximum custom passage width: 1,100 mm
Swing Arm	Acrylic	Metal tube	Acrylic	Metal tube
RS-232 Port	1	1	1	1
Product Dimensions	1500 mm × 120 mm × 1000 mm	1500 mm × 220 mm × 1000 mm	1500 mm × 120 mm × 1000 mm	1500 mm × 200 mm × 980 mm
Certifications	CE/FCC/ROHS	CE/FCC/ROHS	CE/FCC/ROHS	CE/FCC/ROHS
Operating Environment	indoor	outdoor	indoor	outdoor
Operating Temperature	-10°C~+60°C	-30°C~+70°C (When operating temperature is below 0°C, heating module is needed)	-25°C~+70°C (When operating temperature is below 0°C, heating module is needed)	-40°C~+70°C (When operating temperature is below -25°C, heating module is needed)
Power Supply Mode	AC 100-240V, 50/60HZ	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	DHI-ASF280A	DHI-ASF500A	DHI-ASF280B	DHI-ASF500B	DHI-ASF802	DHI-ASF808	DHI-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 280kg Working Temperature: -30°C~+60°C DC12V /24V	Power on-NC Double-door Relay Input & Output Anti-pull 280kg x2 Working Environment: -30°C~+60°C DC12V /24V	Power on-NC Double-door Relay Input & Output Anti-pull 500kg x2 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	Anti-pull 500kg Power off: locks door DC12V -30°C~+60°C	Anti-pull 500kg Power off: locks door DC12V -30°C~+60°C

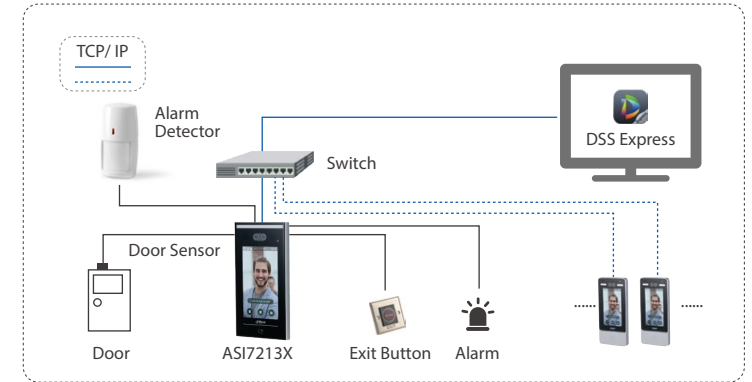
Magnetic Lock Brackets							USB Module		Others	
Model	ASF280L	ASF280U	ASF280ZL	ASF280F	ASF500L	ASF500ZL	Card Enrollment Reader	Fingerprint Enrollment Reader	3-in-1 Enrollment Reader	Door Closers
										
Description	Fix magnetic lock on door frame For ASF280A or ASF280B Working Temperature: -30°C~+60°C	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	USB Communication ID Card, IC Card, Fingerprint Enrollment Reader Working Temperature: -20°C to +65°C	Suitable for any door with frames; opens at 180 degrees

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

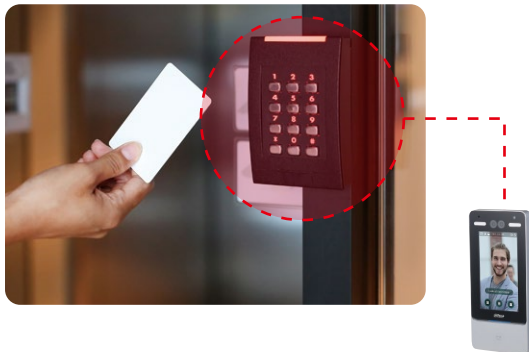
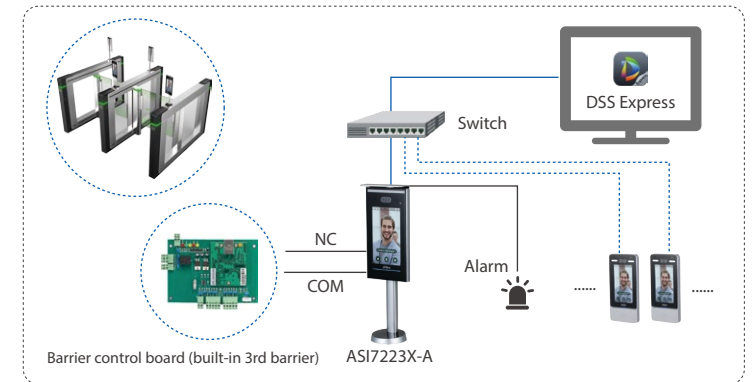
FACE RECOGNITION TERMINALS



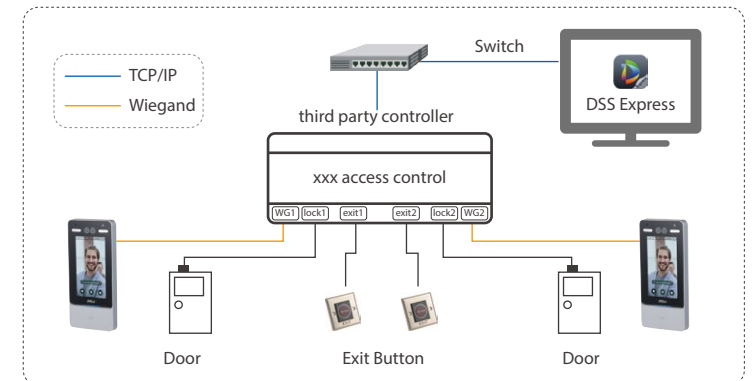
- Install in front of the door as a standalone terminal.



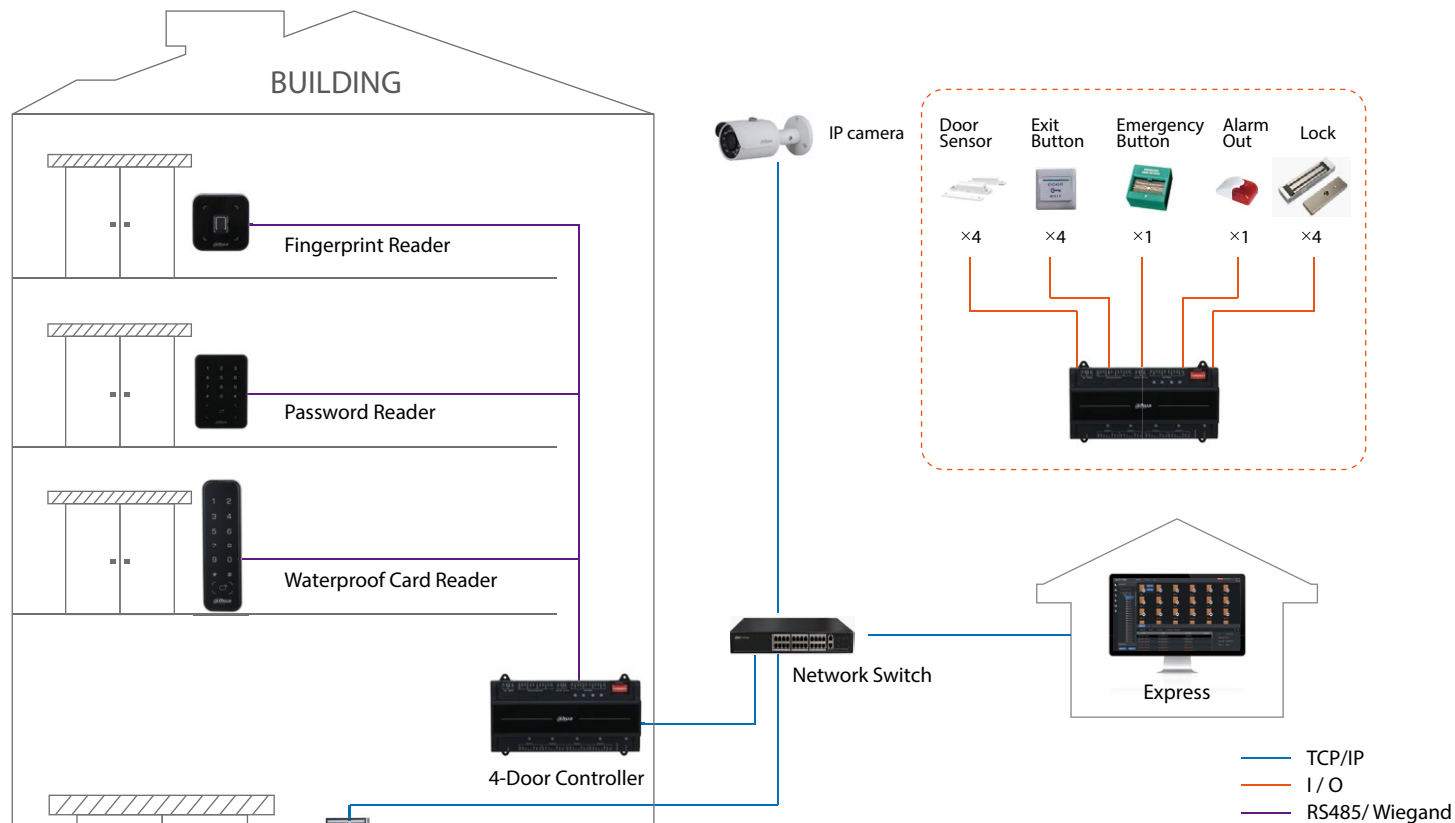
- Install on the barrier to allow fast opening with a face recognition reader (cooperation with a local barrier manufacturer is recommended).



- When a face is verified, the associated card number is outputted to the third-party controller panel with standard wiegand protocol as face card reader. Users can choose to cooperate with third-party traditional controller manufacturer, or use a new face recognition reader to replace the old card reader.



> Access Control Solution Layout



Recommended Products



ASC2204B-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



ASR2102A

- Up to 3,000 fingerprints capacity
- Supports card and fingerprint



ASR2101A-ME

- RS485/Wiegand protocol
- Supports IC and ID

Features



Differential Rights Management



Reports Management



Video Linkage



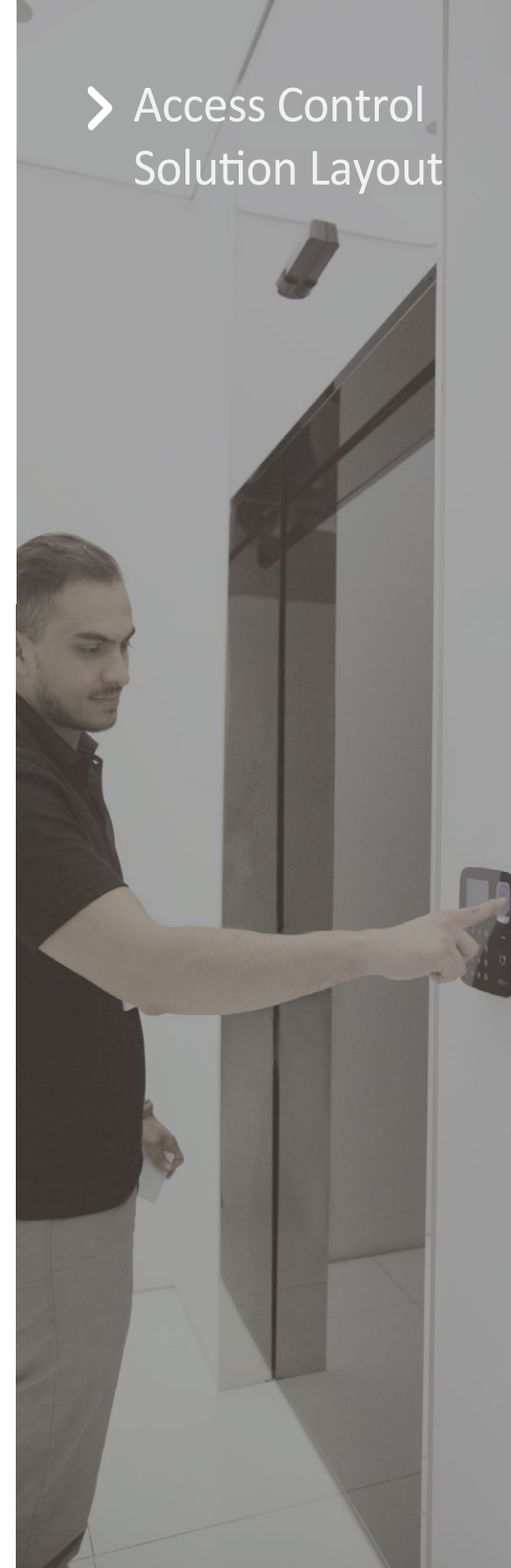
Multi-door Interlock



Anti-passback

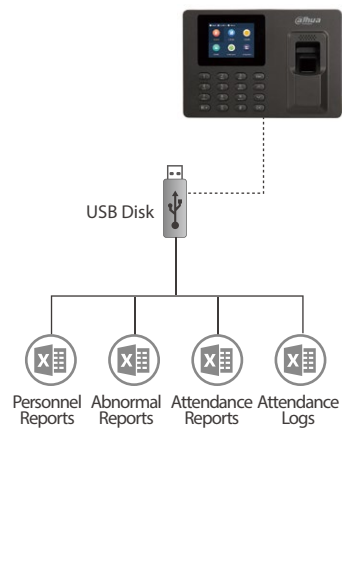


Attendance



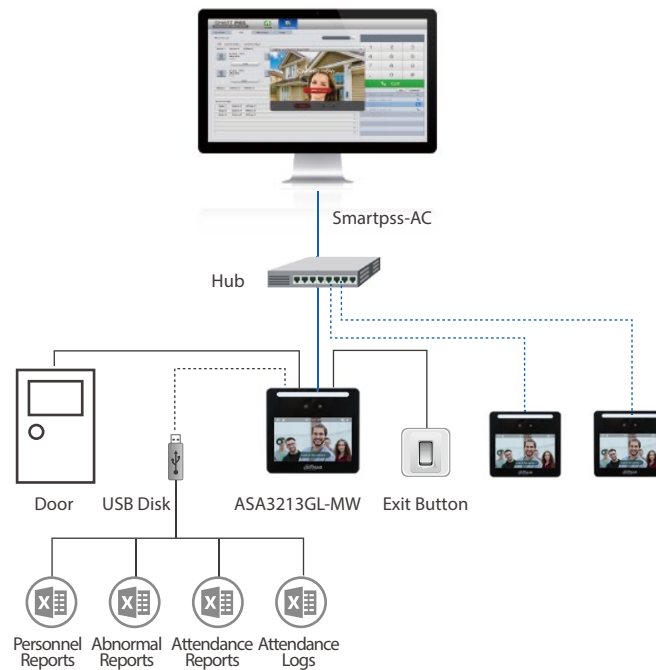
TIME ATTENDANCE TERMINAL LAYOUT

TCP/IP



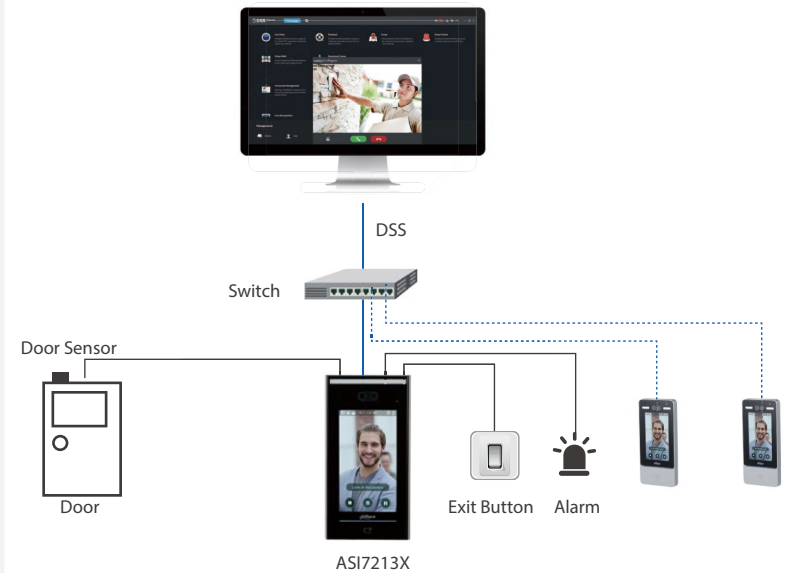
ASA1222E

Supports device;
Generates smart attendance report;
Supports software;
Works in standalone.



ASA3213GL-MW

Lite access control function enabled. When working in standalone, it also supports Smart Attendance Report. When working online, the Smartpss-AC manages some attendance points.



ASI7213X

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

ACCESS CONTROL

Software

- Supports up to 64 devices
- Data import and export
- Attendance functionality

Software

SmartPSS-AC V 1.002.0000000.0

Open SDK, free
Remotely control all doors
Attendance



Devices	Supported Devices	Controller, Access Standalone, Attendance Standalone
	Max Registered Devices	Max 64
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup, etc.
Door Configuration	Remote Control	Open/Close door
	Open Mode Setup	Face, Card, Fingerprint, Password, Combination
	Door Parameter Setup	Unlock hold time, holiday timezone, etc.; Alarm enabled
	Check Info.	Check IP address, version, user number, record number
	Synchronize Data	Configuration, Record
Advanced Functions	Anti-passback, Multi-door Interlock, Multi-card Opening, Attendance	
Logging	Open Record, Alarm Record, Attendance Record, Attendance Collection	
Recommended System Requirements	OS	Windows 7 or later
	CPU	Intel i3 or later
	RAM	4G or larger
	Display Resolution	1024x768 or above

ACCESS CONTROL

Software

- Supports up to 500 terminals
- Video linkup
- Data import and export
- Attendance functionality

Software

DSS Pro

CCTV access control and time attendance
in one system (all-in-one platform)
One server, more clients
500 terminals / 1,000 doors
Video linkage
Fire alarm linkage
Video recordings of access control



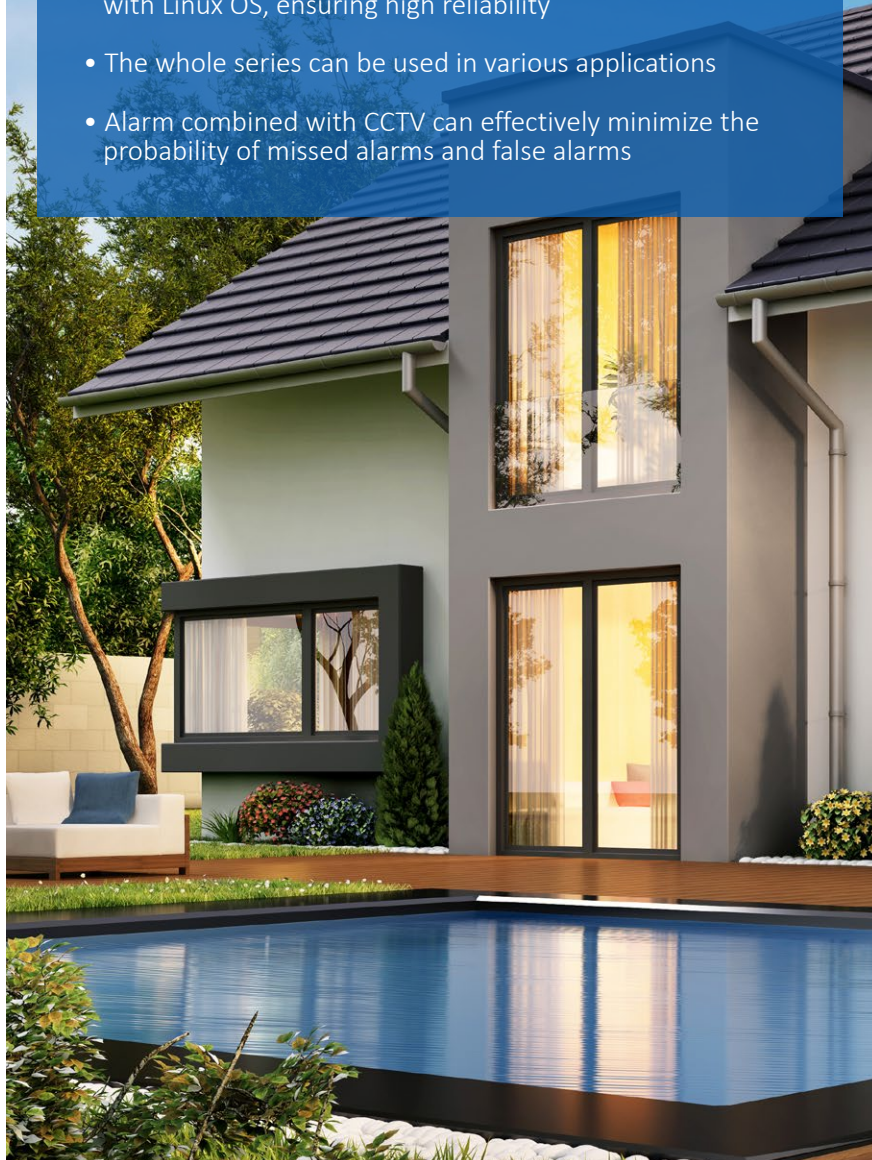
Devices	Supported Devices	Controller, Access Control Standalone Terminal
	Max Registered Devices	500 terminals / 1,000 doors
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup, etc.
Door Configuration	Remote Control	Open/Close Door
	Open Mode Setup	Face Recognition, Card, Password, Fingerprint, Combination
	Door Parameter Setup	Unlock hold time, holiday timezone, etc.; Alarm enabled
	Check Info	Check IP address, version, user number, record number
	Synchronize Data	Configuration, Record
Advanced Functions	Anti-Passback, Multi-door Interlock, Multi-card Open, Attendance	
Logging	Opening Record, Alarm Record	
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
	HDD	200G or more
	CPU	Core i3
	RAM	8GB
	Display Resolution	1204X768

ALARM



Controller

- High performance controllers are embedded with Linux OS, ensuring high reliability
- The whole series can be used in various applications
- Alarm combined with CCTV can effectively minimize the probability of missed alarms and false alarms



Wired Controller

	3 Series General Controller
	ARC3008C
Model	
On-board Zones	8
Hardwire Expansion Zone	Expansion to 72 (ARM808-RS)
PGM Output	2, expansion to 82 (ARM708-RS/ARM808-RS)
Keypad	8
Card Reader	8
Mobile APP	DMSS
Tamper Switch	1
SMS	Supported via expansion (ARA58-G/ARA58-F)
Phone Call	Supported via expansion (ARA58-G/ARA58-F)
Display	—
Audio In/Out	—
Ethernet	10/100M
PSTN	Supported via expansion (ARA58-P)
Wireless Transmission	GPRS/4G (Supported via expansion module ARA58-G/ARA58-F)
Required Battery	Max.12VDC/7Ah
Dimensions	275 × 275 × 77 mm
Working Temperature	-10°C ~ +55°C
Power	AC 100-240V, 50/60HZ Max 40W

Wired Detector

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Wired Detector						
	Pet Immunity PIR Detector	Ceiling PIR Detector	Triple-Tech PIR Detector	Outdoor Triple-Tech PIR Detector	Triple -Tech Ceiling PIR Detector	Curtain PIR Detector (86 box)
Model	DH-ARD1232	DH-ARD1111C	LH-928BC	LH-650IC	DH-ARD2111C	DH-ARD1612
						
Detecting Range/Angle	12m/90°	6m/360°	12m/90°	12m/110°	8m/360°	6m/15°
Microwave Frequency	—	—	10.525GHz	10.525GHz	10.525GHz	—
Mounting Type	Wall mount	Ceiling mount	Wall mount	Wall mount	Ceiling mount	Ceiling/Wall mount
Installation Height	2.2m	2.5-3.6m	2.2m	2.2m	2.5-3.6m	<3.6m
Pet Immunity	25kg	—	35kg	35kg	—	—
Relay Output	N.C./N.O. options	N.C.	N.C./N.O. options	N.C./N.O. options	N.C./N.O. options	N.C./N.O. options
Tamper Switch	N.C.	N.C.	N.C.	N.C.	N.C.	N.C.
Material	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Working Temperature	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Dimensions	107mm×52mm×36.5mm	116mm×28.2mm	120mm×60mm×40.6mm	129.8mm×62.7mm×51.4mm	135mm×38mm	80mm×34.5mm×28mm
Power Requirements	DC9-16V, 20mA	DC9-16V, 20mA	DC9-16V, 30mA	DC9-16V, 30mA	DC12-24V, 35mA	DC9-16V, 20mA

Wired Detector		Wired Detector				
	Quad Beam Detector		Glass Break Detector	Wooden Door/ Window Contact	Iron Door Contact	Smoke Detector
Model	LHP-200Q		DH-ARD511	DH-ARD313	DH-ARD312	FAD201A
						
Distance	200m	Detecting Range/Angle	5m/9m options	>20mm	>40mm	>60mm
Beams	4	Mounting Type	Ceiling/Wall mount	Surface mount	Surface mount	Ceiling/Wall mount
Detection System	4 beams cut simultaneously	Relay Output	N.C.	N.C.	N.C.	N.O.
Relay Output	N.C./N.O. options	Tamper Switch	N.C.	—	—	—
Tamper Switch	N.C.	Material	ABS plastic	ABS plastic	Plated metal	ABS plastic
Ingress Protection	IP55 (outdoor)	Working Temperature	-10°C~+80°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Axis Rotation Angle	Horizontal: 180 (±90°) Vertical: 20 (±10°)	Dimensions	92mm×67mm×26.4mm	63.5mm×12.5mm×12.5mm	50mm×18mm×10mm	103mm×104mm×46mm
Material	ABS plastic	Power Requirements	DC9-16V, 150mA	<DC100V, 500mA	<DC100V, 500mA	DC9V-DC15V
Working Temperature	-25°C~+55°C					
Dimensions	345mm×110mm×105mm					
Power Requirements	DC12-24V, 35mA					

Wired Accessories

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Wired Accessories						
Name	Indoor Siren	Outdoor Siren	Keypad	Panic Button (86 box)	Emergency Button	Detector Bracket
Model	DH-ARA11	DH-ARA16	ARK30C	DH-ARD811	DH-ARD812	DH-ARA31A
Appearance						
Description	105 dB/m 200/minute DC9-15V, 300mA	105 dB/m DC9-15V, 300mA	RS485 protocol LCD screen Wall mount DC12V, 200mA Works with ARC3008C	N.C./N.O. optional ABS material 85mmx85mmx33mm	N.C./N.O. options 53.6mmx36mmx27mm	Multi-angle adjustable (120°) ABS material

Wired Accessories					
Name	Output Module	Input Module	PSTN Module	2G Module	4G Module
Model	ARM708-RS	ARM808-RS	ARA58-P	ARA58-G	ARA58-F
Appearance					
Description	Relay Output: 8 Relay Capacity: DC30V/500mA Power: DC12V 150mA Works with ARC3008C	Input: 8 Relay Output: 2 Relay Capacity: DC30V/500mA Power: DC12V 100mA Works with ARC3008C	Supports PSTN access Works with ARC3008C	Supports SMS, Phone Call, GPRS network access Operating frequency: GSM850/GSM900/ DCS1800/PCS1900MHz Works with ARC3008C	Supports SMS, Phone Call, 4G network access LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B38/B40/B41 GSM/EDGE: B3/B8 Works with ARC3008C

Wireless Alarm System

- Its brand new industrial design and advanced technological system makes this new generation of wireless alarm products easier to install, look better, communicate more reliably and perform more stably. Receive notifications in real time, control and manage your devices, perform remote operations, etc. using the mobile apps DMSS (for end users) and COS Pro (for installers).



Wireless Controller

	Base Hub	
	ARC3000H-W2	ARC3000H-W2(868)
Model		
Carrier Frequency	433.1 MHz-434.6 MHz	868.0 MHz-868.6 MHz
Wireless Peripheral	150-channel wireless peripherals (6 sirens, 64 keyfobs)	
Communication Distance	Up to 1,200m in an open space	Up to 2,000m in an open space
2-way Communicaton	Supported	
Frequency Hopping	Supported	
Encryption Algorithm	AES128	
Networking Methods	Ethernet, Dual-band Wi-Fi	
SMS	—	
Calling Alarm	—	
Arm and Disarm	App, Key Fob, Scheduling	
User	1 installer, 1 admin, 6 users	
Area	8	
Remote Upgrade	Cloud update	
Installation	Indoors, Wall Mount, Desktop	
Power Supply	12 V DC, 1.5 A	
Storage Battery	Built-in lithium battery	
Battery Life	Up to 12 hours	
Operating Temperature	-10 °C to +50 °C	
Operating Humidity	10%-90% (RH)	
Dimensions (L × W × H)	163.0 mm × 163.0 mm × 32.0 mm	
Casing	PC + ABS	

Wireless Controller

Wireless Controller					
	2G Hub		4G Hub		
Model	ARC3000H-GW2	ARC3000H-GW2 (868)	ARC3000H-FW2	ARC3000H-FW2 (868)	
					
Carrier Frequency	433.1 MHz–434.6 MHz	868.0 MHz–868.6 MHz	433.1 MHz–434.6 MHz	868.0 MHz–868.6 MHz	
Wireless Peripheral	150-channel wireless peripherals (6 sirens, 64 keyfobs)		150-channel wireless peripherals (6 sirens, 64 keyfobs)		
Communication Distance	Up to 1,200m in an open space	Up to 2,000m in an open spa	Up to 1,200m in an open space	Up to 2,000m in an open space	
2-way Communicaton	Supported		Supported		
Frequency Hopping	Supported		Supported		
Encryption Algorithm	AES128		AES128		
Networking Methods	Ethernet, Dual-band Wi-Fi, GPRS		Ethernet, Dual-band Wi-Fi, 4G/3G/GPRS		
SMS	Yes (up to 5 phone numbers)		Yes (up to 5 phone numbers)		
Calling Alarm	Yes (up to 5 phone numbers)		Yes (up to 5 phone numbers)		
Arm and Disarm	App, Key Fob, Scheduling		App, Key Fob, Scheduling		
User	1 installer, 1 admin, 6 users		1 installer, 1 admin, 6 users		
Area	8		8		
Remote Upgrade	Cloud update		Cloud update		
Installation	Indoors, Wall Mount, Desktop		Indoors, Wall Mount, Desktop		
Power Supply	12 V DC, 1.5 A		12 V DC, 1.5 A		
Storage Battery	Built-in lithium battery		Built-in lithium battery		
Battery Life	Up to 12 hours		Up to 12 hours		
Operating Temperature	–10 °C to +50 °C		–10 °C to +50 °C		
Operating Humidity	10%–90% (RH)		10%–90% (RH)		
Dimensions (L × W × H)	163.0 mm × 163.0 mm × 32.0mm		163.0 mm × 163.0 mm × 32.0 mm		
Casing	PC + ABS		PC + ABS		

Wireless Detector				
	PIR		Magnetic Contact	
Model	ARD1233-W2	ARD1233-W2 (868)	ARD323-W2	ARD323-W2 (868)
				
Carrier Frequency	433.1 MHz~434.6 MHz	868.0 MHz~868.6 MHz	433.1 MHz~434.6 MHz	868.0 MHz~868.6 MHz
Communication Distance	Up to 1,200m in an open space	Up to 1,600m in an open space	Up to 1,000m in an open space	Up to 1,200m in an open space
2-way Communicaton	Supported		Supported	
Frequency Hopping	Supported		Supported	
Encryption Algorithm	AES128		AES128	
Detection Range/Angle	12m/90° (with installation height of 2.2m)		Up to 40mm	
Sensor	Dual-element low-noise PIR sensor		Reed Switch	
Detection Speed	0.3 m/s~3 m/s		—	
Sensitivity	3 levels (adjustable)		—	
Pet Immunity	≤ 18 kg		—	
External Zone	—		1-channel external NO dry contact input	
Button	1 power button		1 power button	
Remote Upgrade	Cloud update		Cloud update	
Low Battery Alarm	Yes		Yes	
Temperature Measure	Yes		Yes	
Installation	Indoors, Wall mount		Indoors, Non-metal doors/windows, Surface mount	
Power Supply	CR123A battery		CR123A battery	
Battery Life	4 years		5 years	
Operating Temperature	-10 °C to +55 °C		-10 °C to +55 °C	
Operating Humidity	10%~90% (RH)		10%~90% (RH)	
Dimensions (L × W × H)	104.0 mm × 60.0 mm × 50.0 mm		100.2mm × 20.8mm × 20.3mm	
Casing	PC + ABS		PC + ABS	

Wireless Accessory

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Wireless Accessory				
	Siren		Key Fob	
Model	ARA12-W2	ARA12-W2(868)	ARA24-W2	ARA24-W2(868)
				
Carrier Frequency	433.1 MHz~434.6 MHz	868.0 MHz~868.6 MHz	433.1 MHz~434.6 MHz	868.0 MHz~868.6 MHz
Communication Distance	Up to 800m in an open space	Up to 1,000m in an open space	Up to 500m in an open space	Up to 900m in an open space
2-way Communicaton	Supported		Supported	
Frequency Hopping	Supported		Supported	
Encryption Algorithm	AES128		AES128	
Sound Pressure	$\geq 105 \pm 3$ dB\1M (3 levels, adjustable)		—	
Button	1 × power button		4 (Home, Away, Disarm, and SOS)	
Remote Upgrade	Cloud update		Cloud update	
Low Battery Alarm	Yes		Yes	
Temperature Measure	Yes		No	
Installation	Indoors, Wall/Ceiling Mount		Portable	
Power Supply	2× CR123A batteries		CR2032 battery	
Battery Life	2.5 years		5 years	
Operating Temperature	−10 °C to +55 °C		−10 °C to +55 °C	
Operating Humidity	10%~90% (RH)		10%~90% (RH)	
Dimensions (L × W × H)	81.0 mm × 81.0 mm × 26.0 mm		60.0 mm × 39.5 mm × 15.0 mm	
Casing	PC + ABS		PC + ABS	

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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*Design and specifications are subject to change without notice.

Ver. 1, Feb. 2022

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