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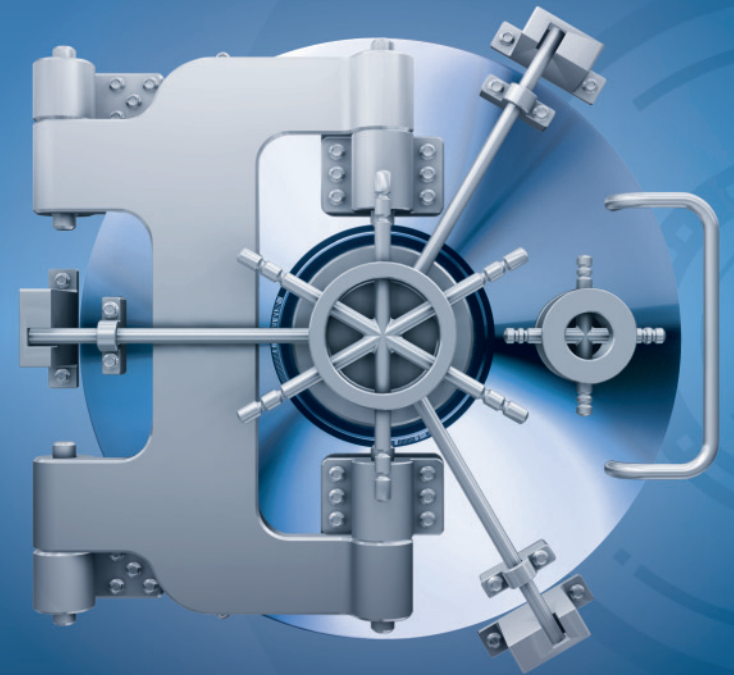
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Video Intercom / Access Control / Alarm

Products and Solutions



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03

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VIDEO INTERCOM



IP Apartment Outdoor Stations

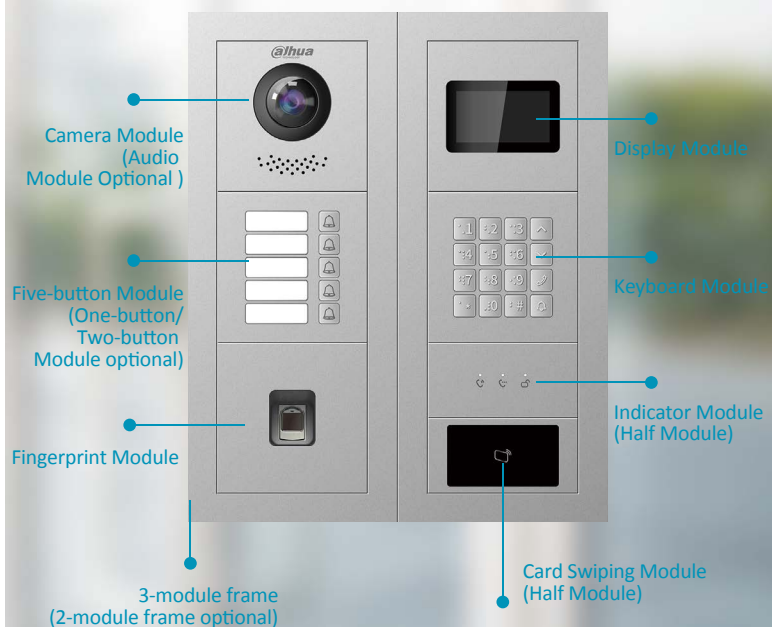
- 1.3/2.0MP CMOS camera
- OLED, STN, OLED screen
- Night vision
- Echo cancellation
- Voice indicator
- Video & audio messaging

IP Apartment Outdoor Stations

	Apartment Outdoor Stations							
	VTO1210C-X-S1	VTO1210B-X-S1	VTO6221E-P	VTO6421F	VTO6441F	VTO7521G	VTO7541G	VTO9341D
Model								
Image Sensor	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS
Lens	4mm	4mm	2mm	2mm	2mm	4mm	4mm	4mm
Angle of View	D:92° H:71°	D:92° H:71°	H:140° V:88°	H:140° V:82°	H:140° V:82°	D:113° H: 94°	D:113° H: 94°	D:103° H:82°
Day/Night	Color Image	Color Image	Color Image	Color Image	Color Image	Color Image & ICR	Color Image	Color Image
Screen	3" STN 128×64	3" STN 128×64	2.3" OLED	4.3" IPS 800×480	4.3" IPS 800×480	8" IPS 800×1280	8" IPS 800×1280	10" IPS 800×1280 Capacitive
Reader	Mifare Card	Mifare Card	Mifare Card	Mifare Card	Mifare Card Face Recognition	Mifare Card	Mifare Card Fingerprint Face Recognition	Mifare Card Fingerprint Face Recognition
Proximity Sensor	0.6m	0.6m	—	0.6m	0.6m	Motion Detection	Motion Detection	0.6m
Keypad	Mechanical Button	Touchpad	Mechanical Button with braille	Mechanical Button with braille	Mechanical Button with braille	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	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 Feedback 1 Exit Button	1 Relay Out 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP54, IK07	IP65	IP55, IK08	IP55, IK08	IP55, IK08	IP66,IK07	IP66,IK07	IP55
Tamper Switches	1	1	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100/1000Mbps	10M/100/1000Mbps	10M/100Mbps
Installation	Surface & Flush	Flush	Surface & Flush	Flush	Flush	Surface & Flush	Surface & Flush	Flush
Material	Stainless Steel	Tempered Glass	Aluminum	Aluminum	Aluminum	Tempered Glass Aluminum	Tempered Glass Aluminum	Tempered Glass Aluminum
Working Temperature	-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)	-30°C~+60°C (-22°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, Max 10W	DC12V, Max 10W	DC12V, POE (802.3af), Max7W	DC12V, Max15W	DC12V, Max15W	DC12V/2A,Max 24W	DC12V/2A,Max 24W	DC12V, Max 24W

IP Modular Outdoor Station

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

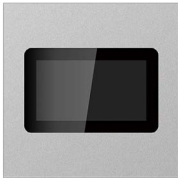
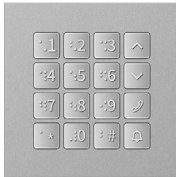


VIDEO INTERCOM

IP Modular Outdoor Station

	Modular Outdoor Station Modules			
	DHI-VTO4202F-P	VTO4202F-MA	VTO4202F-MB1	VTO4202F-MB2
Model				
Image Sensor	1/2.5" 2MP CMOS	—	—	—
Lens	2mm	—	—	—
Angle of View	D:160°	—	—	—
Day/Night	ICR	—	—	—
Screen	—	—	—	—
Reader	—	—	—	—
Keypad	—	—	Mechanical Button	Mechanical Button
Indicator light	—	—	—	—
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	—	—
Ingress Protection	IK07, IP65	IK07, IP65	IK07, IP65	IK07, IP65
Tamper Switches	1	1	—	—
Ethernet	10M/100Mbps	10M/100Mbps	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Alumimum	Alumimum	Alumimum	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)
Power Supply	DC12V, 2-Wire or PoE(802.3af) Max 12W	DC12V, 2-Wire or PoE(802.3af) Max 12W	DC 5V/1W (Powered from main modules)	DC 5V/1W (Powered from main modules)

IP Modular Outdoor Station

	Modular Outdoor Station Modules						
Model	VTO4202F-MB5	VTO4202F-MS	VTO4202F-MF	VTO4202F-MK	VTO4202F-ML	VTO4202F-MR	VTO4202F-MN
							
Image Sensor	—	—	—	—	—	—	—
Lens	—	—	—	—	—	—	—
Angle of View	—	—	—	—	—	—	—
Day/Night	—	—	—	—	—	—	—
Screen	—	3.0" STN	—	—	—	—	—
Reader	—	—	Fingerprint	—	—	Mifare Card	—
Keypad	Mechanical Button	—	—	Mechanical Button	—	—	—
Indicator light	—	—	—	—	Calling/Answer/Unlock	—	—
Door Control	—	—	—	—	—	—	—
Ingress Protection	IK07, IP65	IK07, IP65	IK07, IP65	IK07, IP65	IK07, IP65	IK07, IP65	IK07, IP65
Tamper Switches	—	—	—	—	—	—	—
Ethernet	—	—	—	—	—	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Alumimum	Alumimum	Alumimum	Alumimum	Alumimum	Alumimum	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)	-20°C~+60°C (-4°F~+140°F)
Power Supply	DC 5V/1W (Powered from main modules)						

VIDEO INTERCOM

IP Villa Outdoor Stations

- 1.0/1.3/2.0MP CMOS camera
- Night vision
- Voice indicator
- Group calls
- Video & audio messaging
- Remote intercom with mobile app

IP Villa Outdoor Stations

	Villa Outdoor Stations							
	VT02202F	VT02202F-P	VT03221E-P	VT02000A-S1	VT06100C-S1	VT06210BW-S1	VT03211D-P/P2/P4-S1	VT02101E-P-S1
Model								
Image Sensor	1/2.5" 2MP CMOS	1/2.5" 2MP CMOS	1/2.9" 2MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS	1/4" 1MP CMOS	1/2.8" 2MP CMOS	1/2.7" 2MP CMOS
Lens	2mm	2mm	2mm	2.8mm	3.6mm	3.6mm	2mm	2.8mm
Angle of View	D:140°	D:160°	D:144° H:88°	D:117° H:87°	D:95° H:75°	D:70° H:60°	D:151° H:134°	D:100° H:77°
Day/Night	ICR	ICR	Color Image	Color Image	Color Image	Color Image	ICR	ICR
Indicator light	Calling Answer Unlock	Calling Answer Unlock	Calling Answer Unlock	—	—	—	—	—
Reader	—	—	Mifare Card	—	Mifare Card	Mifare Card	Mifare Card	—
Keypad	Mechanical Button	Mechanical Button	Mechanical Button with braille	Mechanical Button	Mechanical Button	Touch 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 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	IP55, IK07	IP55, IK07	IP55, IK08	IP54, IK07	IP54	IP65	IP65, IK08	IP65, IK10
Tamper Switches	1	1	1	1	1	1	1	1
2-Wire	Supports	Supports	—	—	—	—	—	—
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Flush	Surface	Surface	Surface
Material	Aluminum	Aluminum	Aluminum	Stainless steel	Plastic	Tempered Glass	Aluminum	Front Panel: Zinc alloy Rear Panel: Aluminum alloy Holder: Aluminum alloy
Working Temperature	-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)	-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/24V, ≤12W	DC12V, PoE(802.3af), ≤12W	DC12V, Max 10W	DC12V/24V, Max 10W	DC12V, Max 10W	DC12V, Max 10W	DC12V,PoE(802.3af), Max 10W	DC 12V,PoE(802.3af), Max 7W

IP Indoor Monitors

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



IP Indoor Monitors

	Indoor Monitors				
	VTH5441G	VTH5221E(W)-H	VTH1550CH-S2	VTH2421FW-P VTH2421FB-P	VTH2421FW/FB
Model					
LCD Screen	10" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 800×480 Capacitive	7" TFT 1024×600 Capacitive	7" TFT 1024×600 Capacitive
Button Type	—	—	Touch	—	—
RS485	—	1	1	—	—
Alarm In/Out	6/1	6/1	6/1	6/1	6/1
Memory Slot	Embedded 8GB	Micro SD, Max 32GB	Micro SD, Max 32GB	Embedded 8GB	—
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface, Desktop	Surface	Surface, Desktop	Surface, Desktop
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 (14°F~+131°F)	-40°C~+60°C (40°F~+140°F)
Power Supply	DC12V, PoE(802.3af), Max 7W	DC12V, PoE(802.3af), Max 5W	DC12V, Max 7W	DC12V, PoE(802.3af), Max 6W	DC12V, Max 7W

IP 2-Wire Systems

- 1.3/2.0 MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Group calls
- Remote intercom with mobile app (VTNC3000A needed)
- Network signal and power over 2 wires
- Easily replaces existing analog systems

VIDEO INTERCOM

IP 2-Wire Systems-1

	Villa Outdoor Station		Villa Indoor Monitor
	VTO2000A-2-S1		VTH1550CHW-2-S1
Model		Model	
Image Sensor	1/3" 1.3MP CMOS	LCD Screen	7" TFT 800x480 Capacitive
Lens	2.8mm	Button Type	Touch
Angle of View	D:117° H:87°	RS485	1
Day/Night	Color Image	Alarm In/Out	6/1
Keypad	Mechanical Button	Memory Slot	Micro SD, Max 32GB
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Ethernet	10M/100Mbps
Ingress Protection	IP54, IK07	Installation	Surface
Tamper Switches	1	Material	Plastic
Ethernet	10M/100Mbps	Working Temperature	-10°C~+55°C (14°F~+131°F)
Installation	Surface & Flush	Power Supply	DC24V, Max 7W
Material	Stainless steel		
Working Temperature	-30°C~+60°C (-22°F~+140°F)		
Power Supply	DC24V, Max 10W		

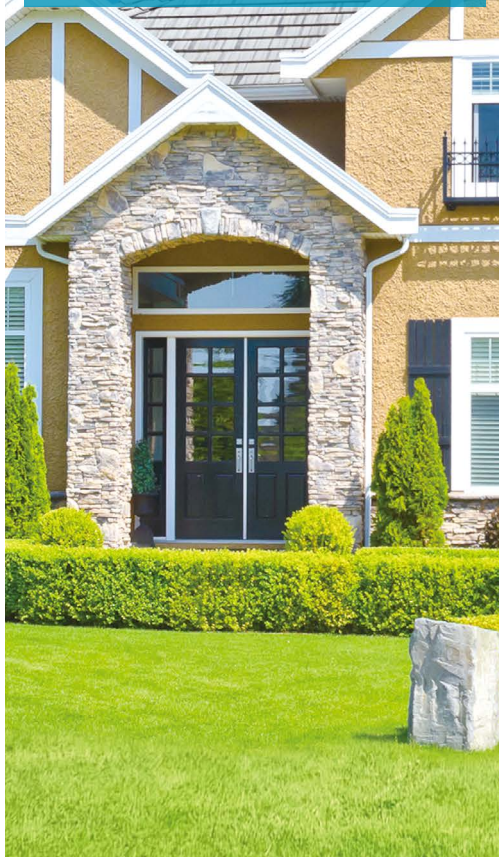
IP 2-Wire Systems-2

2-wire monitor		Villa Outdoor Stations			Modular Outdoor Station		
Model	VTH5222CH-S1	Model	VT02202F	VT02202F-P	Model	DHI-VTO4202F-P	VTO4202F-MA
							
LCD Screen	7" TFT 800×480 Capacitive	Image Sensor	1/2.5" 2MP CMOS	1/2.5" 2MP CMOS	Image Sensor	1/2.5" 2MP CMOS	—
Button Type	Touch	Lens	2mm	2mm	Lens	2mm	—
RS485	1	Angle of View	D:140°	D:160°	Angle of View	D:160°	—
Alarm In/Out	6/1	Day/Night	ICR	ICR	Day/Night	ICR	—
Memory Slot	Micro SD, Max 32GB	Indicator light	Calling Answer Unlock	Calling Answer Unlock	Screen	—	—
Ethernet	10M/100Mbps	Reader	—	—	Reader	—	—
Installation	Surface	Keypad	Mechanical Button	Mechanical Button	Keypad	—	—
Material	Plastic	Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Indicator light	—	—
Working Temperature	-10°C~+55°C (14°F~+131°F)	Ingress Protection	IP55, IK07	IP55, IK07	Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Power Supply	DC24V, Max 7W	Tamper Switches	1	1	Ingress Protection	IK07, IP65	IK07, IP65
		2-Wire	Supports	Supports	Tamper Switches	1	1
		Ethernet	10M/100Mbps	10M/100Mbps	Ethernet	10M/100Mbps	10M/100Mbps
		Installation	Surface & Flush	Surface & Flush	Installation	Surface & Flush	Surface & Flush
		Material	Aluminum	Aluminum	Material	Alumimum	Alumimum
		Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	Working Temperature	-20°C~+60°C (-4°F~+140°F)	-20°C~+60°C (-4°F~+140°F)
		Power Supply	DC12V/24V, ≤12W	DC12V, PoE(802.3af), ≤12W	Power Supply	DC12V, 2-Wire or PoE(802.3af) Max 12W	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
- Wireless alarm integration
- Remote intercom with mobile app
- Easy installation- plug & play



Wi-Fi Systems

	Outdoor Station		Indoor Monitors	
	VTO2111D-WP-S1		VTH5221D(W)-S2	VTH5221D-C-S1
Model		Model		
Image Sensor	1/4" 1MP CMOS	LCD Screen	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive
Lens	2mm	Camera	—	1/4" 1MP CMOS
Angle of View	D:135° H:108°	Button Type	Touch	Touch
Day/Night	ICR	RS485	1	1
Reader	Mifare Card	Alarm In/Out	6/1	6/1
Keypad	Mechanical Button	Wireless Zone (433 MHz)	6	6
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Memory Slot	Micro SD, Max 32GB	Micro SD, Max 32GB
Ingress Protection	IP65	Wi-Fi	IEEE802.11b/g/n 2.4GHZ	IEEE802.11b/g/n 2.4GHZ
Tamper Switches	1	Ethernet	10M/100Mbps	10M/100Mbps
Memory Slot	Micro SD, Max 32G	Installation	Surface	Surface
Wi-Fi	IEEE802.11b/g/n, 2.4GHZ	Material	Plastic	Plastic
Ethernet	10M/100Mbps	Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
Installation	Surface	Power Supply	DC 12, PoE(802.3af) Max 8W	DC 12, PoE(802.3af) Max 8W
Material	Plastic			
Working Temperature	-30°C~+60°C (-22°F~+140°F)			
Power Supply	DC 12, PoE(802.3af) Max 10W			

Analog Apartment Outdoor System

- 1.3MP CMOS camera
- Night vision
- Alarm integration
- Emergency calls
- Echo cancellation
- Voice indicator
- STN, TFT screen

Analog Apartment System

Apartment Outdoor Stations			Indoor Monitors		
	VTO1210C-X-S1	VTO1210B-X-S1		VTH1200DS	VTH2020A
Model			Model		
Image Sensor	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	LCD Screen	4.3" TFT 480×272	7" TFT 800×480
Lens	4mm	4mm			
Angle of View	D:92° H:71°	D:92° H:71°	Button Type	Mechanical Button	Mechanical Button
Day/Night	Color Image	Color Image			
LCD Screen	3" STN 128×64	3" STN 128×64	Alarm In/Out	4/1	6/1
Reader	Mifare Card	Mifare Card			
Proximity Sensor	0.6m	0.6m	Installation	Surface	Surface
Keypad	Mechanical Button	Touchpad			
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	Material	Plastic	Plastic
Ingress Protection	IP54, IK07	IP65			
Tamper Switches	1	1	Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
Ethernet	10M/100Mbps	10M/100Mbps			
Installation	Surface & Flush	Flush	Power Supply	DC24V, Max 4W	DC24V, Max 5W
Material	Stainless Steel	Tempered Glass			
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)			
Power Supply	DC12V, Max 10W	DC12V, Max 10W			

VIDEO INTERCOM

Analog Villa System

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



Analog Villa System

	Villa Outdoor Stations		Villa Indoor Monitor
	VTO2010D		VTH2020DW
Model		Model	
Image Sensor	1/ 2.7" 2MP CMOS	LCD Screen	7" TFT 800×480
Lens	3.3mm	Button Type	Mechanical Button
Angle of View	H:70° V:40°	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	IP55, IK07		
Tamper Switches	—		
Installation	Flush		
Material	Metal/Plastic		
Working Temperature	-30°C~+50°C (-22°F~+122°F)		
Power Supply	DC12V, Max 3W		

KIT

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



IP



KTP01

IP



VTK-VTO2000A-S1-VTH1550CH-S1(S/F)

IP



VTK-VTO2000A-VTH1550CH(S/F)

IP



VTK-VTO6210BW-VTH1550CH

IP



VTK-VTO2000A-VTH1560BW(S/F)

IP



VTK-VTO6210B(W)-VTH1560BW

KIT

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



Analog



KTA01

WiFi



VTK-VTO2111D-WP-S1-VTH5221D-S1

WiFi



VTK-VTO2111D-WP-VTH5221D

2-Wire



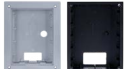
VTK-VTO2000A-2-S1-VTH1550CH-2-S1

2-Wire



VTK-VTO2000A-2-VTH1550CH-2

VTO1210B-X-S1		VTO1210C-X-S1			VTO6421F/6441F			VTO7521G/7541G			VTO9341D	
												
Model	VTOB102	Model	VTOB103	VTOB110	Model	VTM106	VTM119	Model	VTM121	VTM120	Model	VTOB119
Installation	Flush	Installation	Flush	Surface	Installation	Flush	Surface	Installation	Flush	Surface	Installation	Flush

VTO2000A-S1 / VTO2000A-2-S1			VTO2202F/VTO2202F-P			VTO4202F Series			Desktop mounting bracket		
											
Model	VTOB107	VTOB108	Model	VTM114	VTM115	Model	VTM125+VTM127		VTM126+VTM128		VTM123
Installation	Flush	Surface	Installation	Flush	Surface	Installation	Surface & Flush		Surface & Flush		Desktop

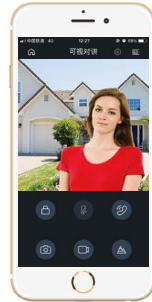
	IP	Analog		2-Wire		Access Control		Lift Controller	Call lift module
Model	VTNS1060A	VTNA1040B	VTNA1080B	VTNC3000A	VTNS1006A-2	DEE1010B	Model	VTM416	VTM401
Appearance							Appearance		
Description	6ch Dahua PoE switch 30 cascading DC24V, Max 45W	4ch distributor 30 cascading DC24V, Max 20W	8ch distributor 30 cascading DC24V, Max 40W	4 groups of 2-wire port RJ45 port DC24V, Max 30W	6ch distributor 30 cascading DC24V, Max 45W	RS485 convertor DC12V, Max 1W	Description	Support 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	ADS-110DL-19-1 240072E	PFA34x Series	PFM35x Series
Appearance						
Description	DC12V, 1A	DC12V, 2A	DC24V, 3A	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 Mobile for 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
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

VT5240B-S1

Master Station

Receive calls from devices
Monitor outdoor station
Unlock Remotely



Max. Management VTOs	50
LCD Screen	10" TFT 1024×600 Capacitive
Button Type	Touch
Audio In/Out	4/1
Ethernet	10M/100Mbps
Material	Plastic
Working Temperature	-10°C~+55°C
Power Supply	DC12V, Max 7W

Video Intercom SIP Server

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



Devices & Users	Max. Linked VDPs	80VTO + 20VTS+ 1000VTH
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 fingerprint 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 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
	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

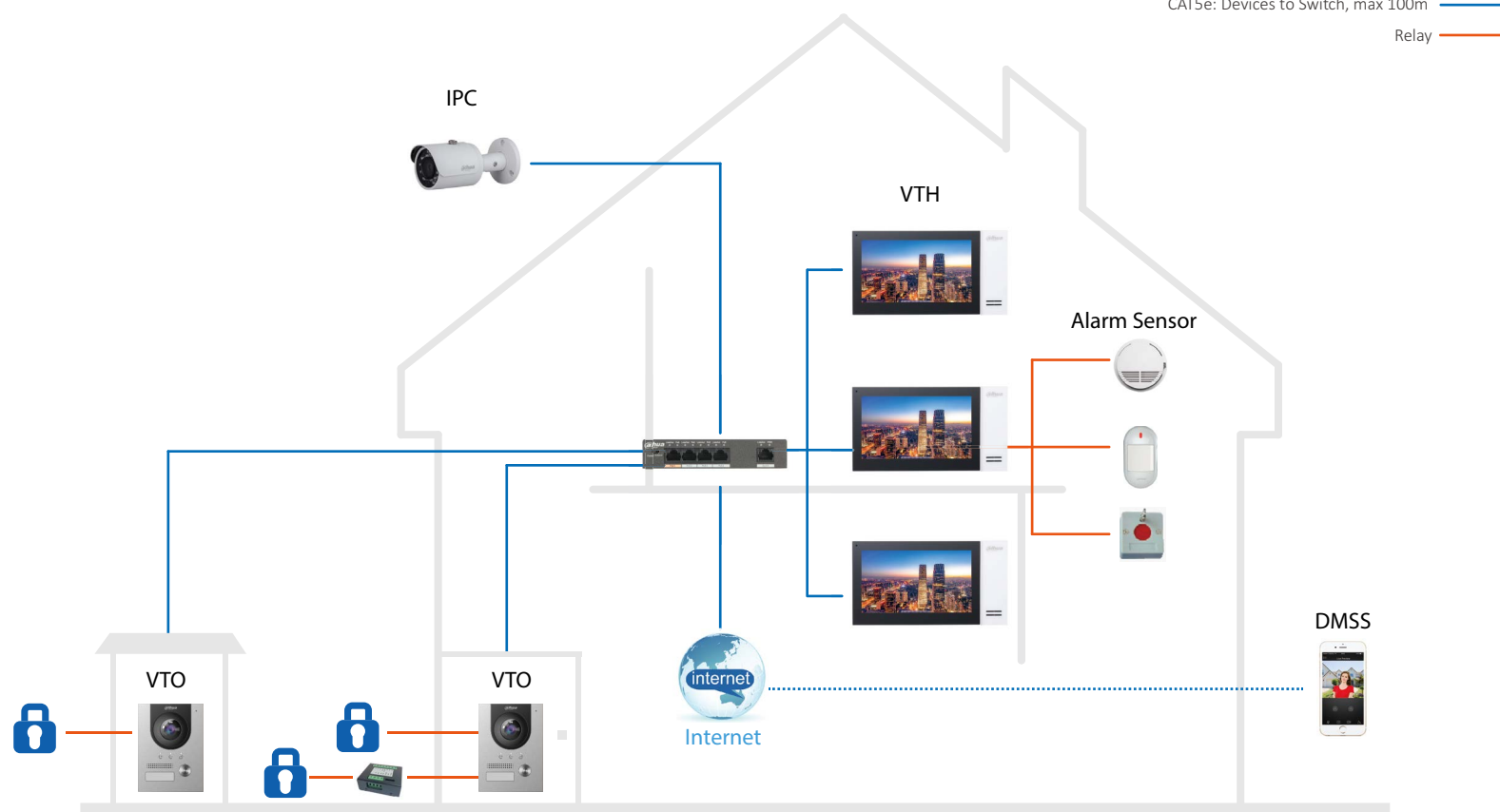
VIDEO INTERCOM

Emergency Phone Terminals

	Emergency Phone Boxes	Emergency Phone Towers	
	VTT201	VTA8111A	VTA8111AB
Model			
Image Sensor	1/3" 1.3MP 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	IP54, 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 8W	AC 100V-240V@ 47Hz-63Hz, Max 80W	AC 100V-240V@ 47Hz-63Hz, Max 80W

> 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



Emergency Calls



Standard PoE



Remote Unlock



Alarm Integration



Video & Audio
Messaging



IPC Surveillance

Recommended Products



VTO2202F-P

Villa Outdoor Station
2MP CMOS, 160°
IP55, IK07



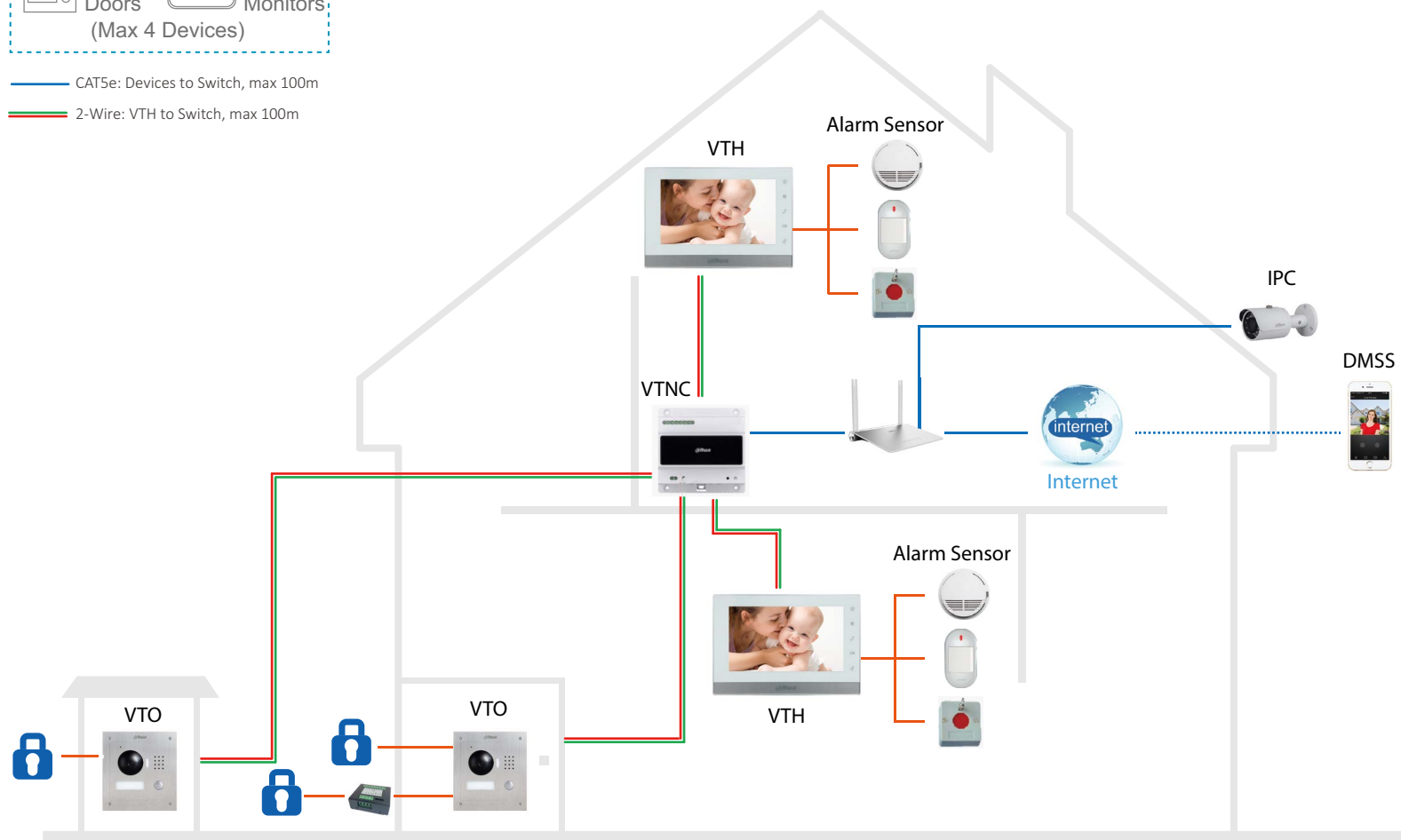
VTH2421FW-P

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. 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



VTO2000A-2-S1

Villa Outdoor Station
1.3MP CMOS
IP54, IK07

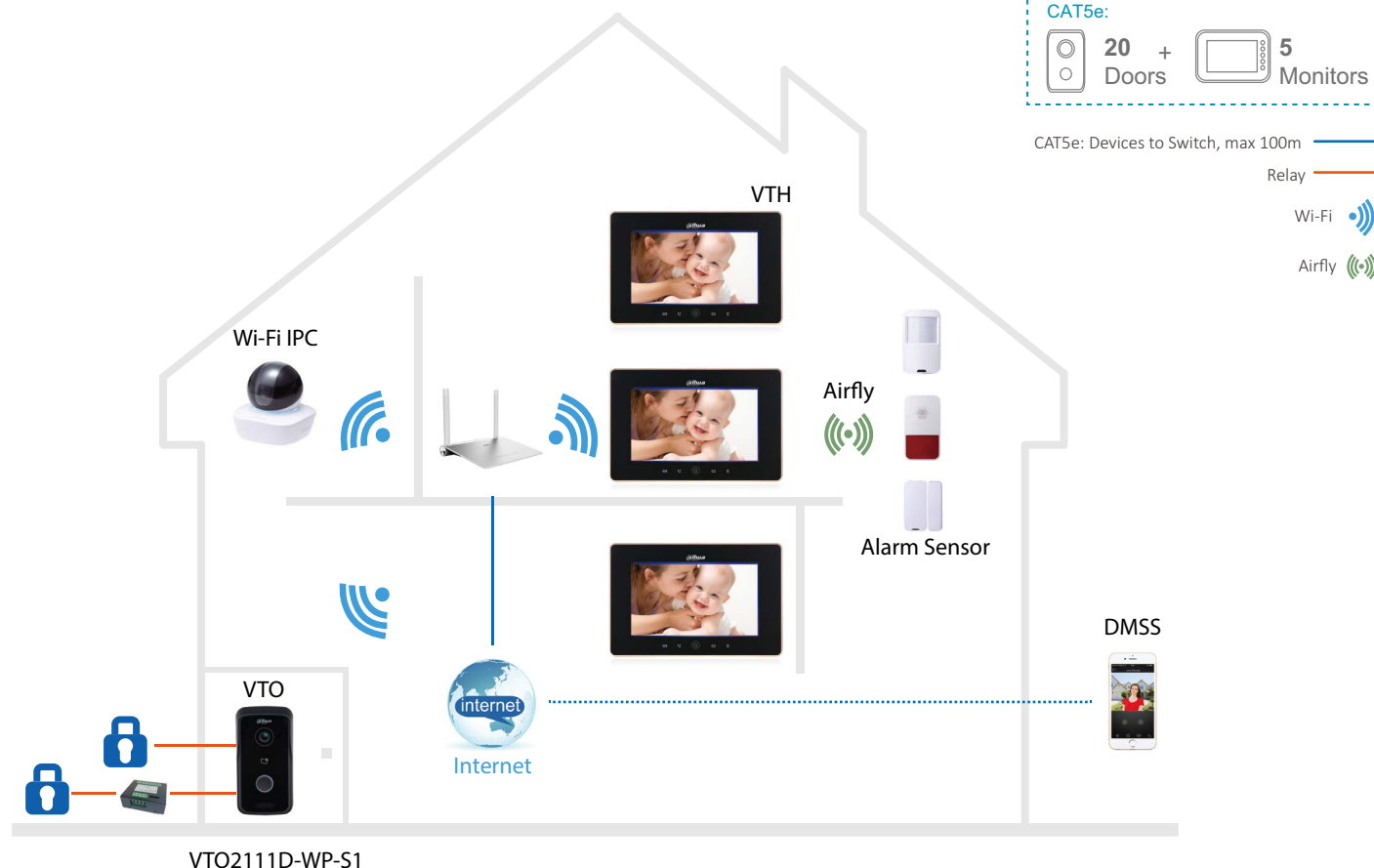


VTH1550CHW-2-S1

Indoor Monitor
7" Capacitive

> 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. Outdoor 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 outdoor 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



VTO2111D-WP-S1

Wi-Fi Villa Outdoor Station
 1MP CMOS
 IP65

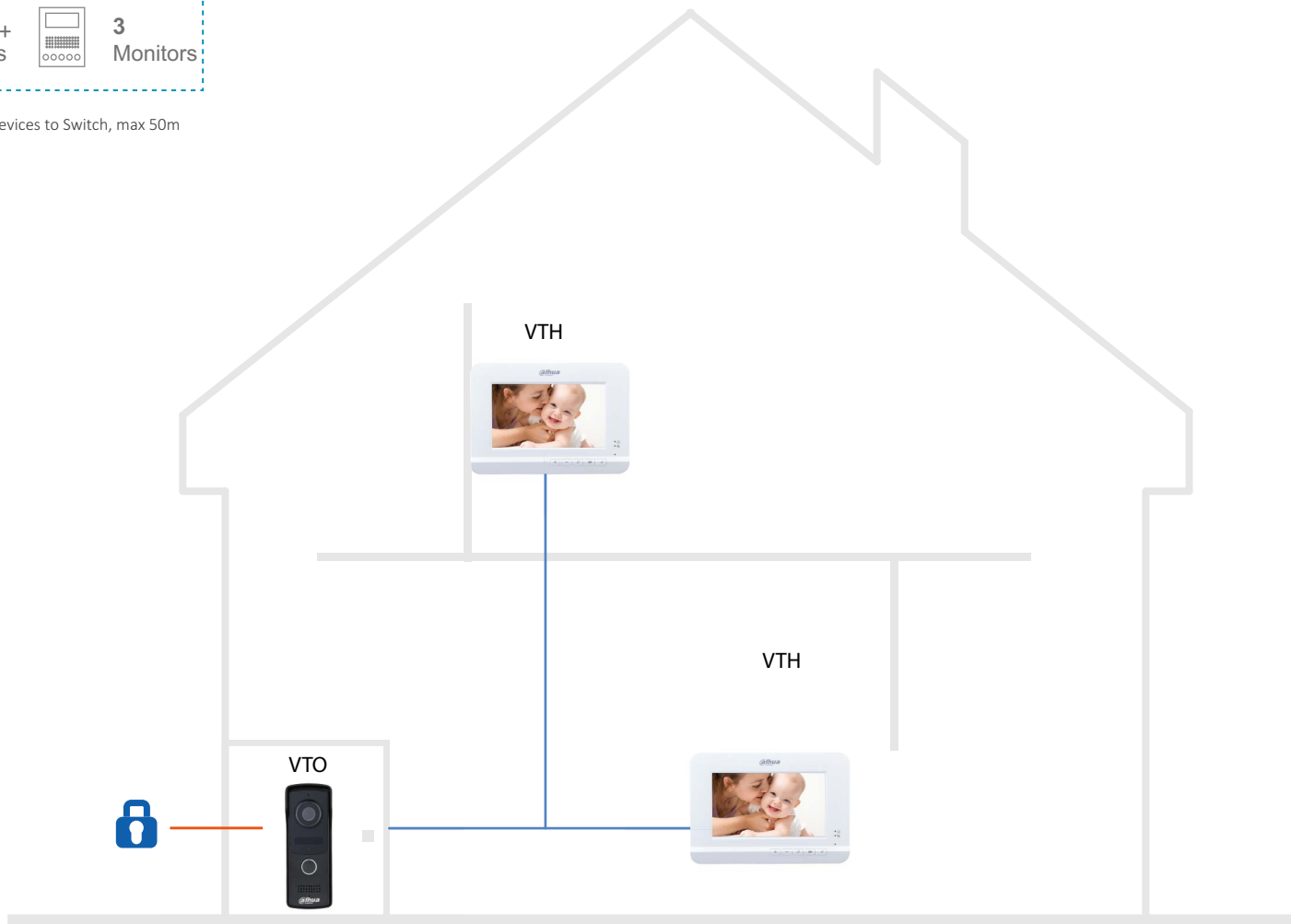


VTH5221D-S2

Wi-Fi Indoor Monitor
 7" Capacitive, 1024x600



— CAT5e: Devices to Switch, 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



Remote Unlock



Alarm Integration

Recommended Products



VTO2010D

Villa Outdoor Station
2MPCamera
IP54, IK07

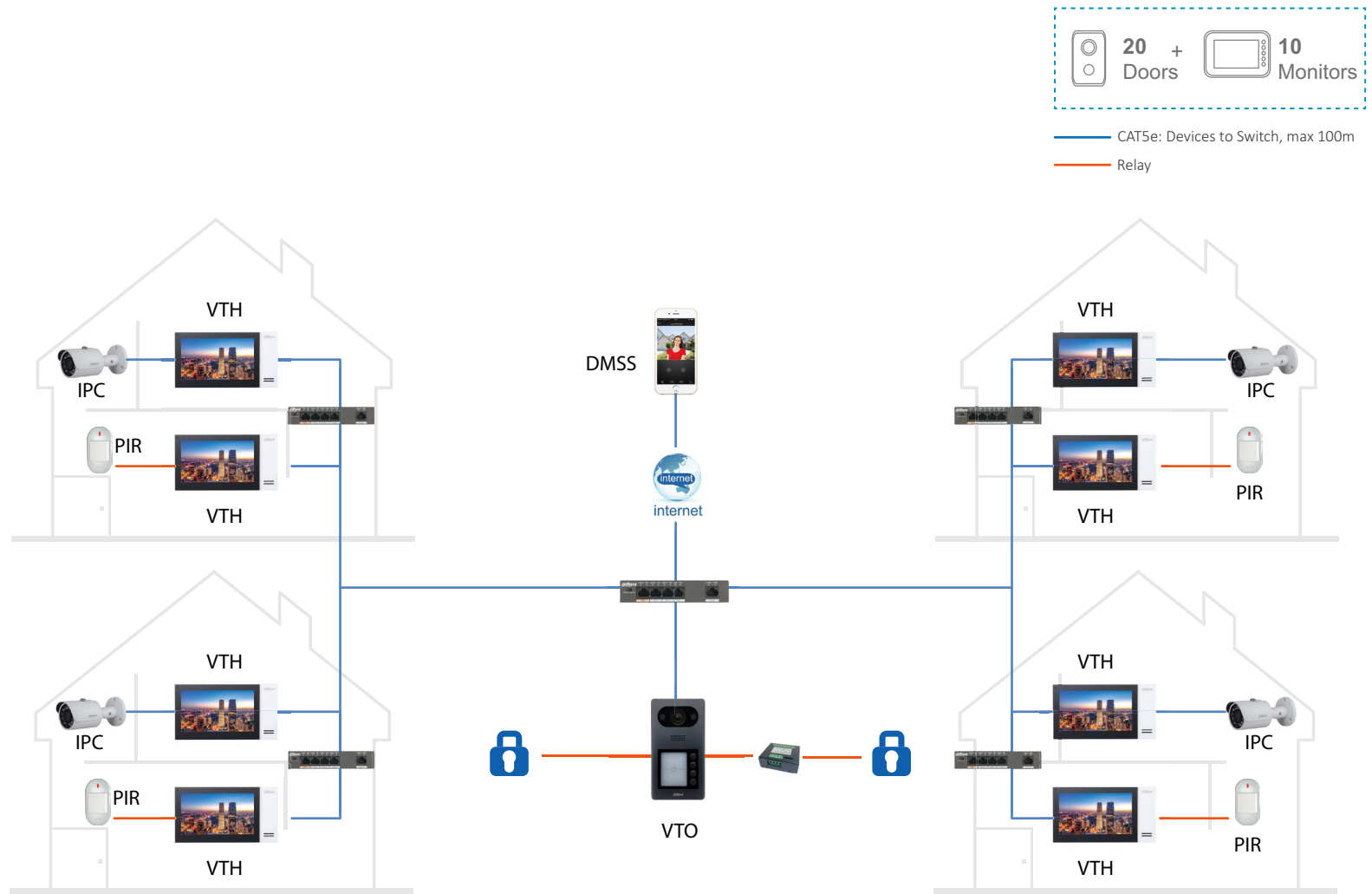


VTH1200DS

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



VTO3211D-P/P2/P4-S1

Villa Outdoor 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

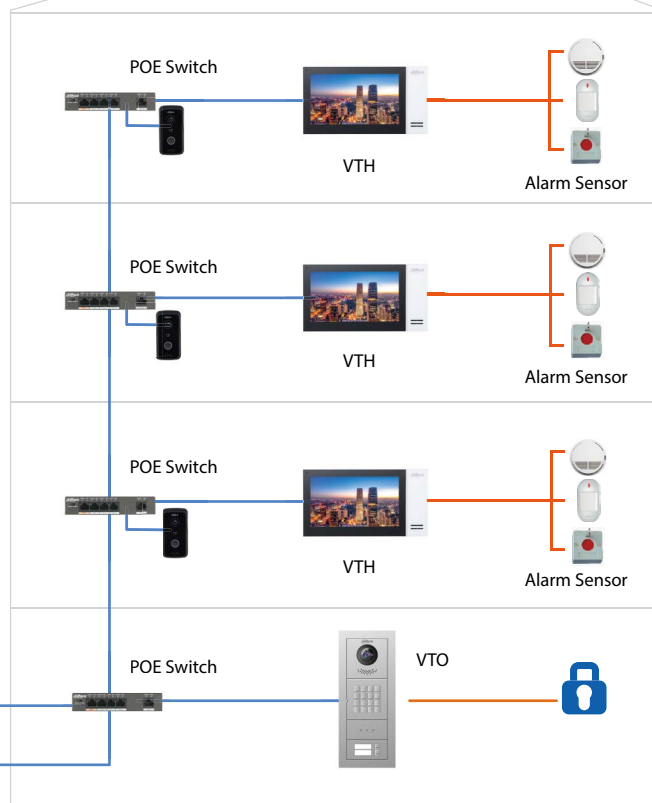


Internet

IPC



Building



> IP Small Apartment Solution

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



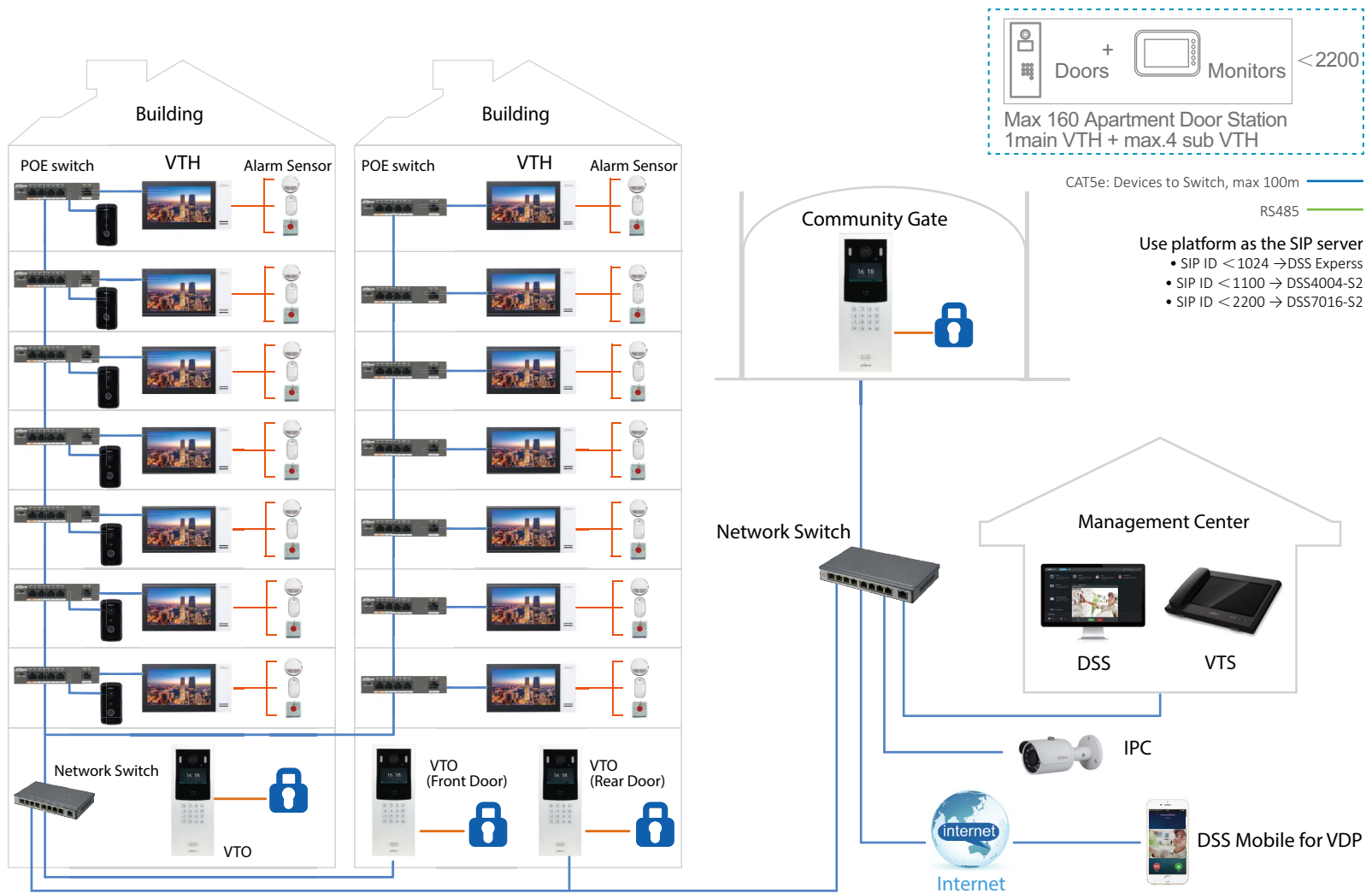
VTO4202F-MF
Fingerprint module
IP65, IK07



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

➤ IP 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



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application

Recommended Products



VTO6421F

Unit Outdoor Station
2MP COMS
IP55, IK08



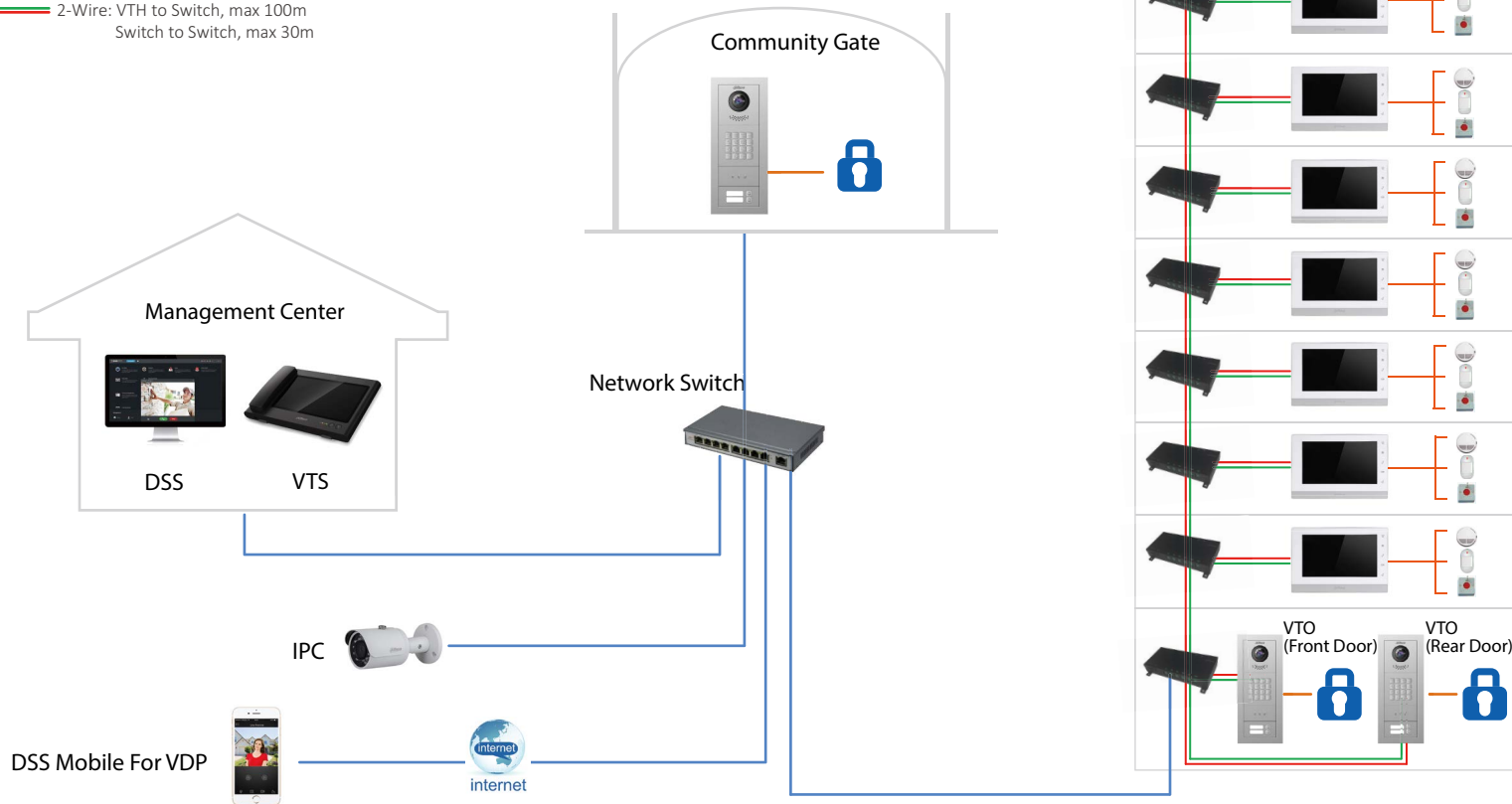
VTH2421FW-P

IP 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

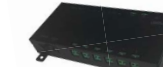
VTO4202F-MB5
Five-button module
IP65, IK07

VTO4202F-MF
Fingerprint module
IP65, IK07

VTH5222CH-S1
2-Wire Indoor Monitor
7" Capacitive

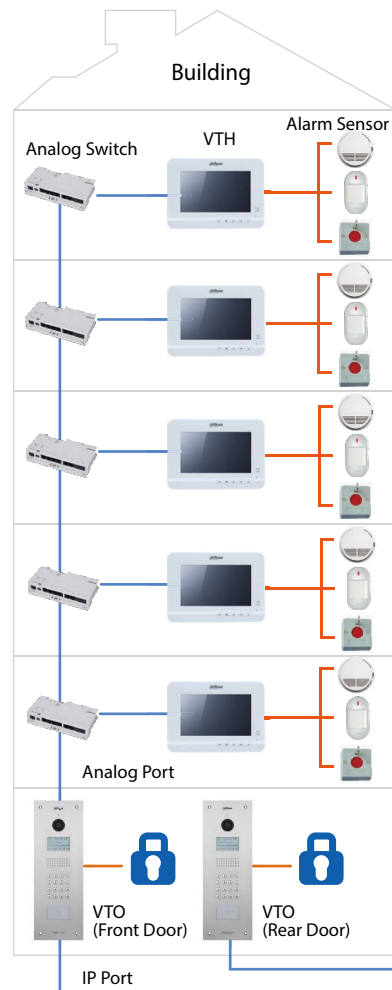


VTNS1006A-2
2-Wire Switch
Connect max 6 indoor monitor with the 2-wire cable



> Analog Apartment Solution

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



5 Doors + 240 Monitors
(Per building)

CAT5e: Devices to Switch, max 50m
Switch to Switch, max 30m

Features



Video & Audio Calls



Night Vision



Emergency Calls



Remote Unlock



Alarm Integration

Recommended Products



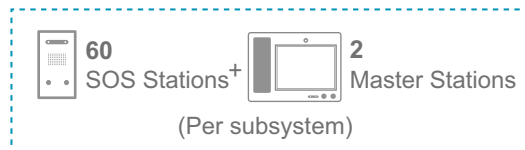
VTO1210C-X-S1

Unit Outdoor Station
1.3MP COMS
IP54, IK07

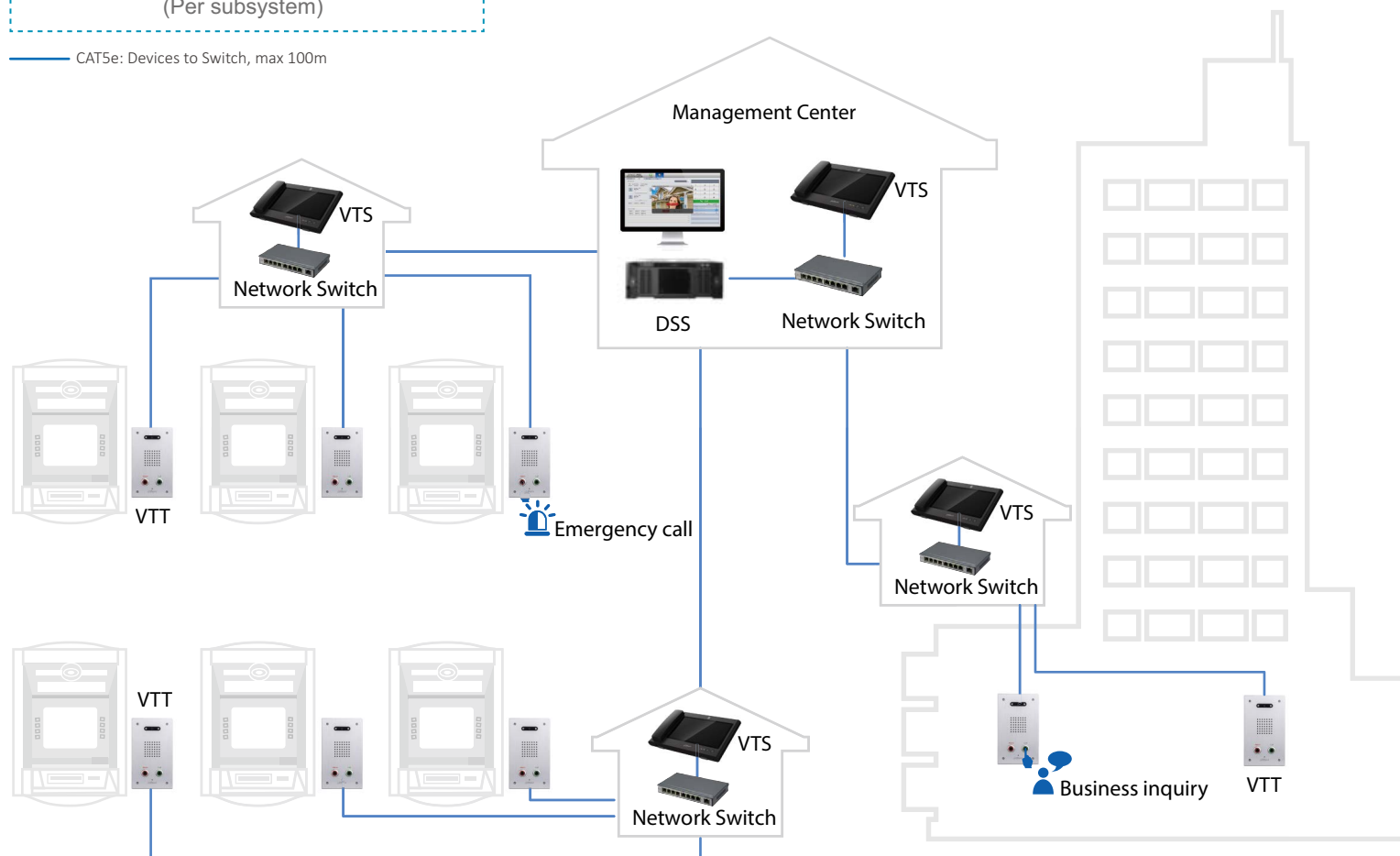


VTH2020A

Analog Indoor Monitor
7" TFT LCD



— 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



Bidirectional Video & Audio Talk



CCTV Surveillance



Remote Monitor



Remote Broadcast



Vandal Proof

Recommended Products



VTT201

Emergency Phone Box
1.3MP COMS
IP54, IK08

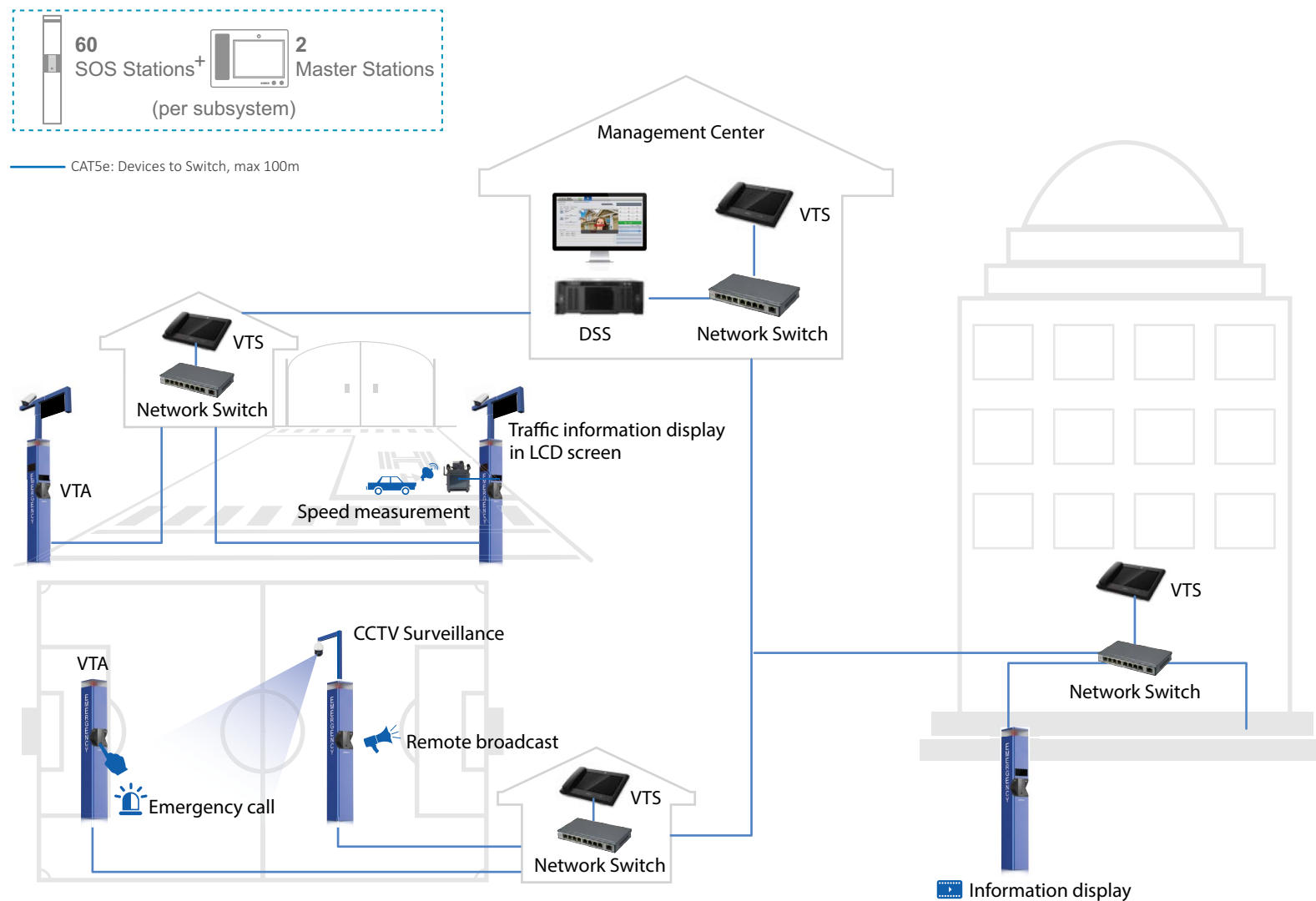


VTS5240B-S1

Master Station
10" Capacitive

➤ 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



Bidirectional Video & Audio Talk



CCTV Surveillance



Remote Monitor



Remote Broadcast



Alarm Lamp



Patrol



Vandal Proof

Recommended Products



VTA8111A

Emergency phone tower
1.3MP COMS
IP65, IK10



VTS8240B-CG

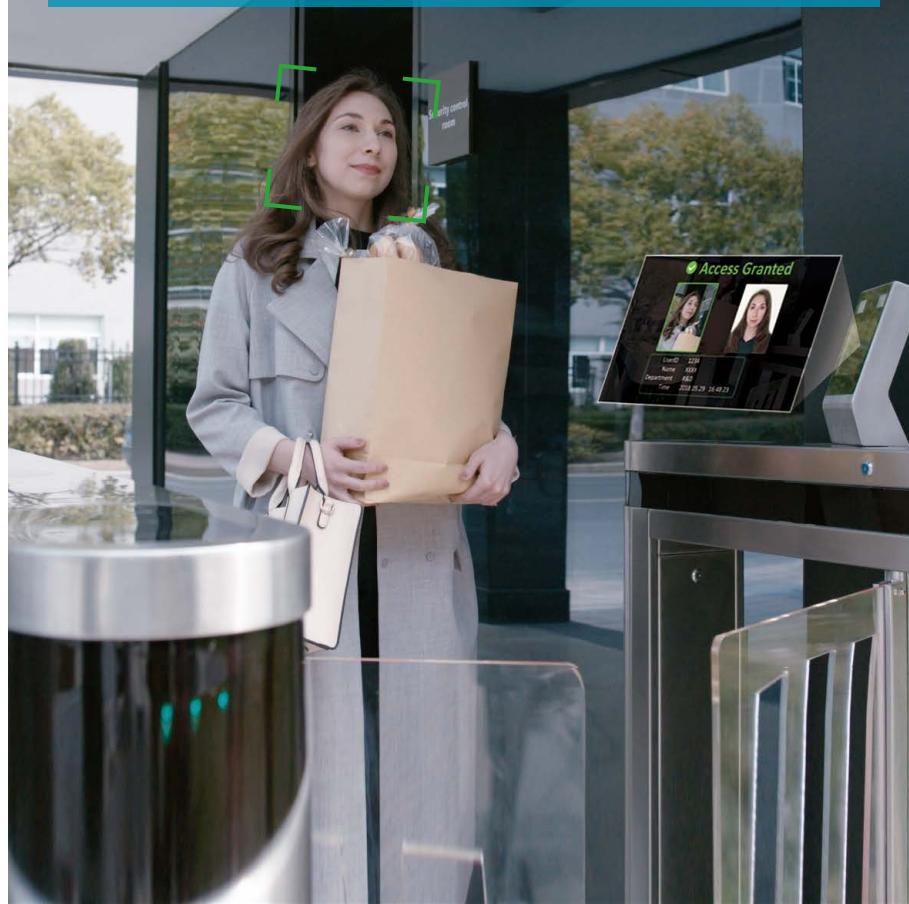
Unit Outdoor Station
1.3MP COMS

ACCESS CONTROL



Based on deep learning face recognition algorithm

- Faster face recognition speed--0.2s/0.3s
- Larger face template capacity--30K-100K
- Stronger ability to adapt to complex lighting environments



FACE RECOGNITION TERMINALS

Face Recognition Terminals

	ASI7213Y-V3	ASI7214Y-V3
Model		
Screen	7" touchscreen	7" touchscreen
Read Format	13.56MHZ	13.56MHZ
Communication	RS485 wiegand26/34/66	RS485 wiegand26/34/66
Interface	USB	USB
Alarm In/Out	2/2	2/2
Users	50,000	50,000
Card Capacity	50,000	50,000
Fingerprint	—	10,000
Face Capacity	50,000	50,000
Face Recognition Speed	≤0.35s	≤0.35s
Users Roles	General, VIP, Guest, Patrol, Duress, Disabled	General, VIP, Guest, Patrol, Duress, Disabled
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, Duress Fingerprint
Ethernet	10/100Mbps	10/100Mbps
Ingress Protection	—	—
Working Temperature	-10°C~+55°C	-10°C~+55°C
Power Supply	DC 12V/2A	DC12V/2A

FACE RECOGNITION TERMINALS

- 33 -

Face Recognition Terminals

Model	ASI8213Y-V3	ASI8214Y-V3	ASI7223Y-A-V3	ASI8223Y-A-V3
				
Screen	10.1" touchscreen	10.1" touchscreen	7" touchscreen	10.1" touchscreen
Read Format	13.56MHZ	13.56MHZ	—	—
Communication	RS485 wiegand26/34/66	RS485 wiegand26/34/66	RS485 wiegand26/34/66	RS485 wiegand26/34/66
Interface	USB	USB	USB	USB
Alarm In/Out	2/2	2/2	1/1	1/1
Users	100,000	100,000	50,000	100,000
Card Capacity	100,000	100,000	—	—
Fingerprint	—	10,000	—	—
Face Capacity	100,000	100,000	50,000	100,000
Face Recognition Speed	≤0.2s	≤0.2s	≤0.35s	≤0.2s
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
Time Plans	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, Tamper, Anti-passback, Unauthorized Card Overcount
Ethernet	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
Ingress Protection	IP55	IP55	—	IP55
Working Temperature	-30°C~+70°C	-30°C~+60°C	-10°C~+55°C	-30°C~+70°C
Power Supply	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							
	ASC1202B-S	ASC1202B-D	ASC1204B-S	ASC1202C-D	ASC1204C-S	ASC1204C-D	ASC1208C-S
Model							
Reader	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
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, 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	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

Master Controller

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

Multi-door CONTROLLER SYSTEM

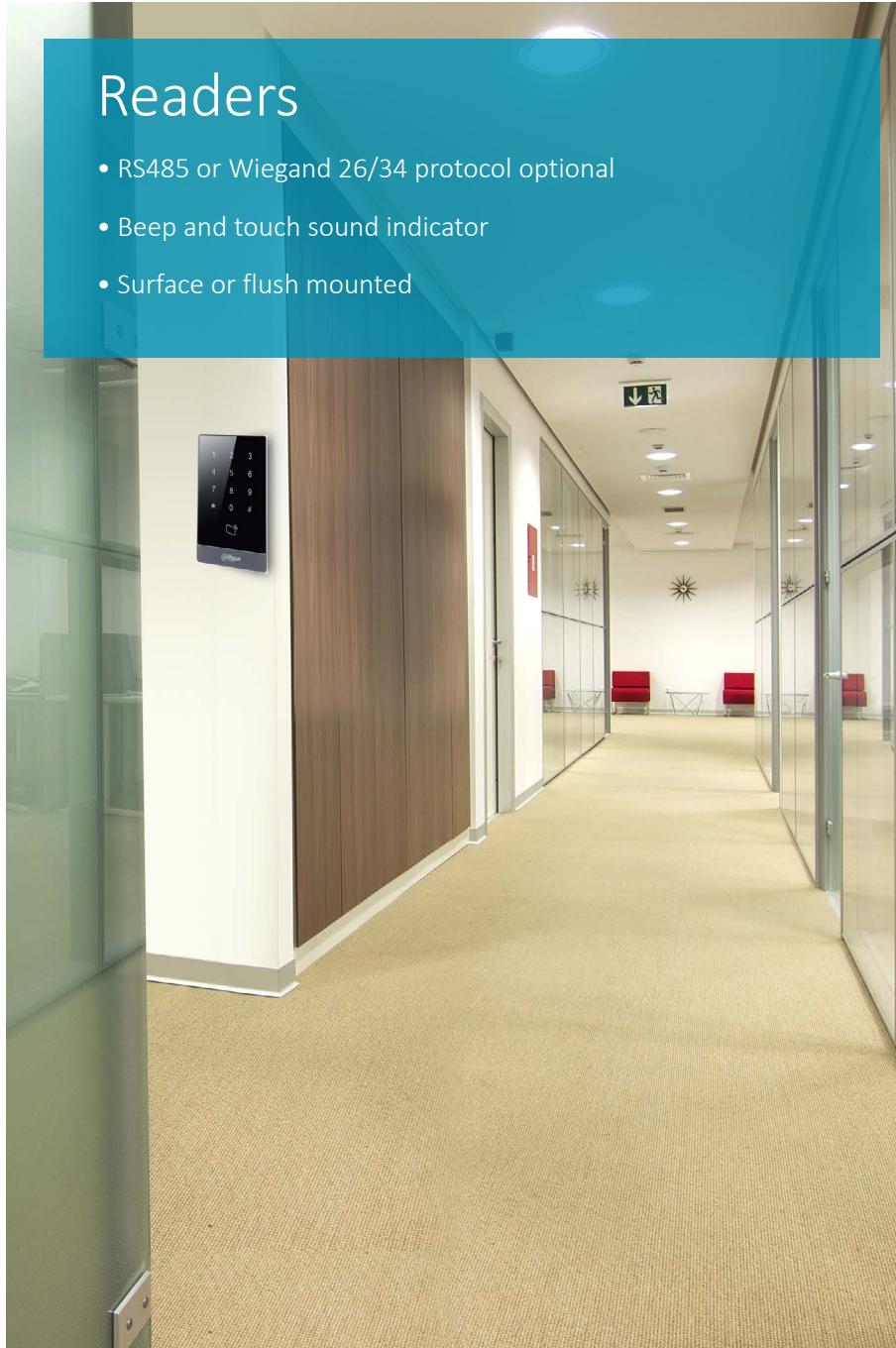
Master Controller and Expansion Modules

	ASC2204C-H	ASC2104B-T	ASC2102B-T
Model			
Device	Master controller	Slave control module	Slave control module
Reader	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
Logs	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, Tamper	Door time out, Intrusion, Duress, Tamper
Accumulator 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 26/34 protocol optional
- Beep and touch sound indicator
- Surface or flush mounted



Readers						
	ASR2201D-B	ASR2201D-BD	ASR1201D	ASR1201D-D	ASR1200D	ASR1200D-D
Model						
Read Format	13.56MHz	125kHz	13.56MHz	125kHz	13.56MHz	125kHz
Communication	Bluetooth RS485 OSDP Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34	
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	IP55		IP55		IP55	
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	

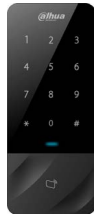
STANDALONE TERMINAL

Standalones

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



Standalones

	ASI1212D	ASI1212D-D	ASI1212A (V2)	ASI1212A-D(V2)	ASI1201E	ASI1201E-D	ASI1201A	ASI1201A-D
Model								
Screen	2.0 " TFT 320*240		2.8 " TFT 320*240		—		LCD 128*64	
Read Format	13.56MHz	125KHz	13.56MHz	125KHz	13.56MHz	125KHz	13.56MHz	125KHz
Communication	RS485 Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34		RS485 Wiegand 26/34	
Interface	USB		—		—		—	
Alarm In/Out	1/1		1/2		—		1/2	
Users	30,000		30,000		30,000		30,000	
Card Capacity	30,000		30,000		30,000		30,000	
Fingerprint Capacity	3,000		3,000		—		—	
Face Capacity	—		—		—		—	
User Roles	General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress		General, VIP Guest, Patrol Duress	
Time Plans	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	
Ethernet	10/100Mbps		10/100Mbps		10/100Mbps		10/100Mbps	
Ingress Protection	IP55		—		IP67		—	
Working Temperature	-10°C~+55°C		-10°C~+55°C		-30°C~+55°C		-10°C~+55°C	
Power Supply	DC9~15V/6W		DC9~15V/6W		DC9~15V/6W		DC9~15V/6W	

STANDALONE TERMINAL

Time Attendance Terminals

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

Time Attendance Terminals

		ASA2212A	ASA1222E	ASA1222E-S	ASA1222G	ASA1222G-D
Model						
Access Control Function		Lite	—	—	Lite	
System	Memory	128M RAM + 32M Flash	8M RAM +8M Flash	8M RAM +16M Flash	8M RAM +16M Flash	
	LCD	2.8"TFT 320×240	2.4"TFT 320×240	2.4"TFT 320×240	2.4"TFT 320×240	
	Camera	1.3MP	—	—	—	
Capacity	User	1,000	1,000	1,000	1,000	
	Face Template	—	—	—	—	
	Fingerprint Template	3,000	2,000	2,000	2,000	
	Transaction Logs	150,000	100,000	100,000	100,000	
RF Option		13.56MHZ	—	—	13.56MHZ	125KHZ
Backup battery		—	—	—	2600mAh	
Communication	TCP/IP	√	—	√	√	
	Wi-Fi	—	—	—	—	
	RS485	—	—	—	—	
	RS232	—	—	—	—	
	USB	√	√	√	√	
	Wiegand	—	—	—	—	
Alarm		—	—	—	—	
Power Supply		12V 1A	5V 1A (packing in)	5V 1A (packing in)	12V/1A(packing in)	
Dimension(W×H×Dmm)		192×160×32	175×120×23	175×120×23	181×135×31	
Operating Temperature		-10°C~+55°C	-10°C~+55°C	-10°C~+55°C	-10°C~+55°C	
Platform Software		—	—	—	—	

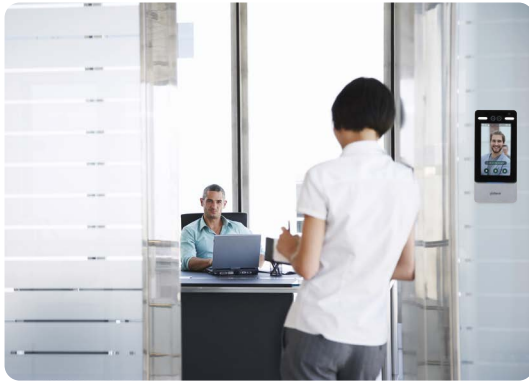
Magnetic Locks					Electric Drop-Bolt Locks		Mute Locks	Electric Strike Locks	
Model	DHI-ASF280A	DHI-ASF500A	DHI-ASF280B	DHI-ASF500B	DHI-ASF802	DHI-ASF808	DHI-ASF601A	ASF702	ASF705
									
Description	Power on-NC Single Door Relay Input&output Anti-pull 280kg Working Temperature: -30°C~+60°C DC12V /24V	Power on-NC Single Door Relay Input&output Anti-pull 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: -10°C~+55°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

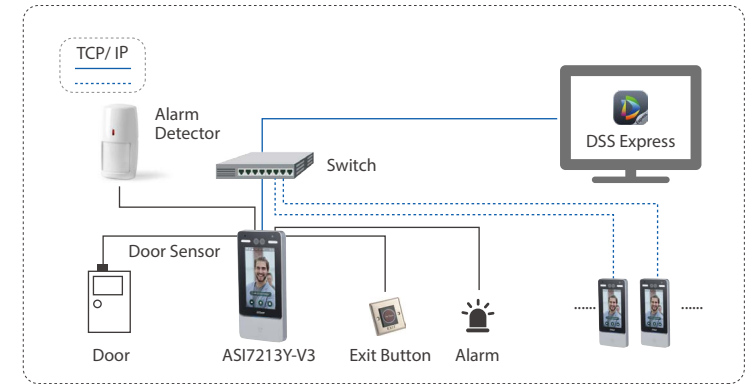
Buttons					Cards				
Model	Exit Button	Exit Button	Touchless Exit Button	Emergency Break Glass	IC White Card	IC Key Fob	DAHUA Logo Key Fob	ID White Card	ID Key Fob
	ASF900	ASF905	ASF908	ASF921	IC-S50	IC-SM	YX-4CM	ID-EM	ID-SM
Description									
	ABS plastic; 86*86*25mm -30°C~+60°C	LED light Stainless 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 card 13.56MHz From Philip	Mifare card 13.56MHz	Mifare card 13.56MHz	EM card 125KHZ	EM card 125KHZ

FACE RECOGNITION TERMINALS

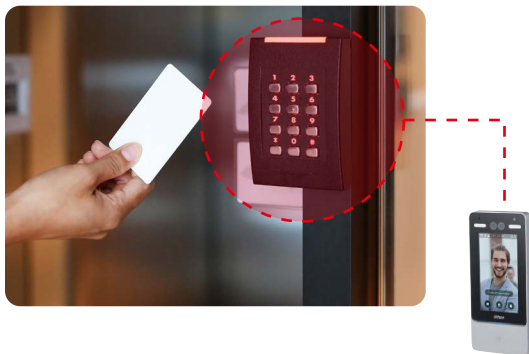
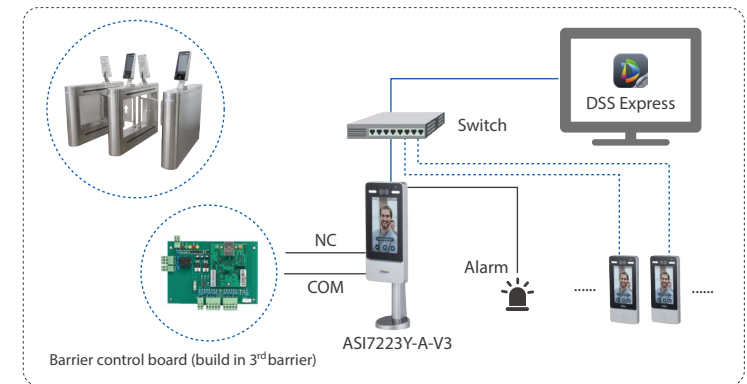
- 41 -



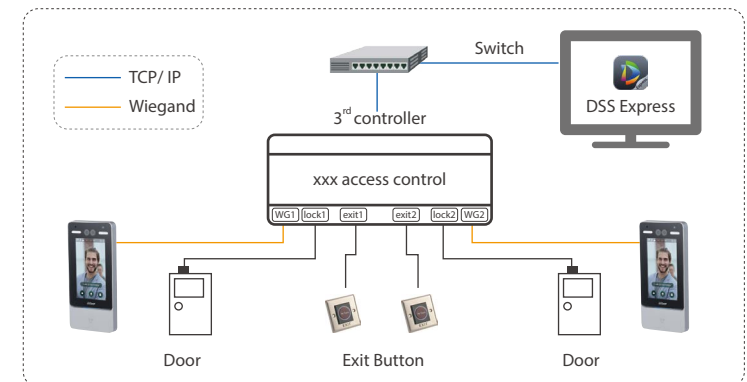
- Install in front of the door as a standalone terminal.



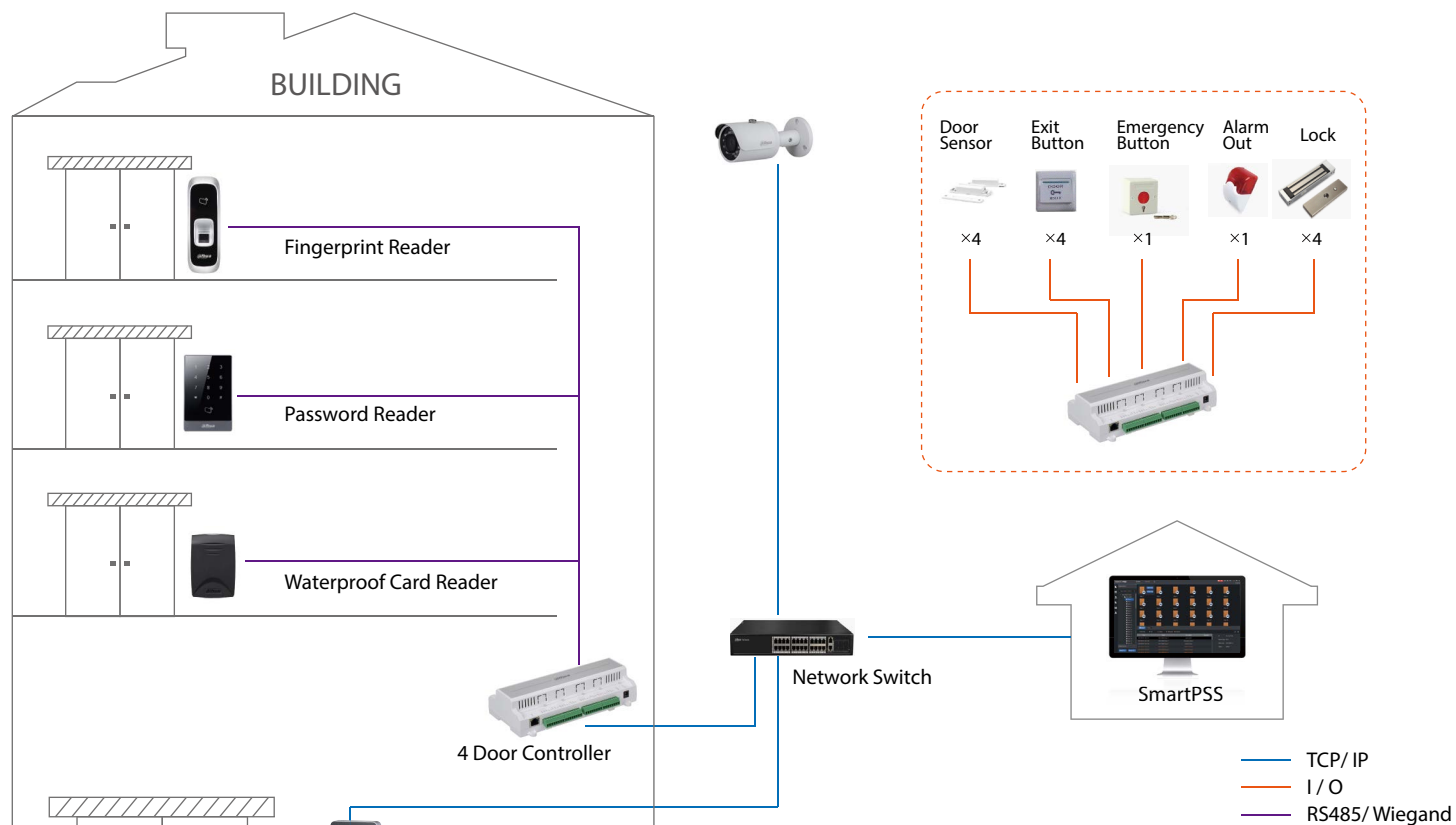
- Install on the barrier to allow fast opening with a face recognition reader
---it is a better way to find a local barrier manufacturer for cooperation.



- 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.



Access Control Solution Layout



Recommended Products



ASC1204B-S

- Connects to 4 readers
- 100,000 cards & 300,000 logs
- Wiegand or RS-485 interface



ASI7214Y-V3

- face recognition, fingerprint recognition, card swiping, password
- 7 inch touchscreen
- wifi
- 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

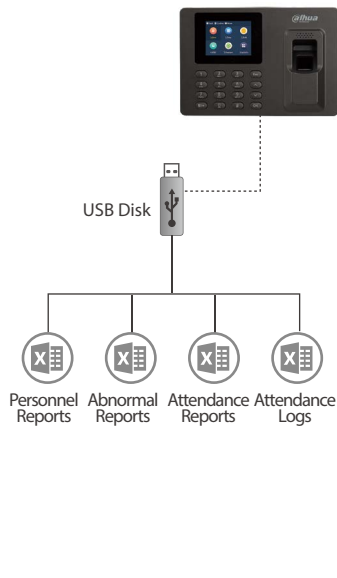


Attendance

TIME ATTENDANCE TERMINAL LAYOUT

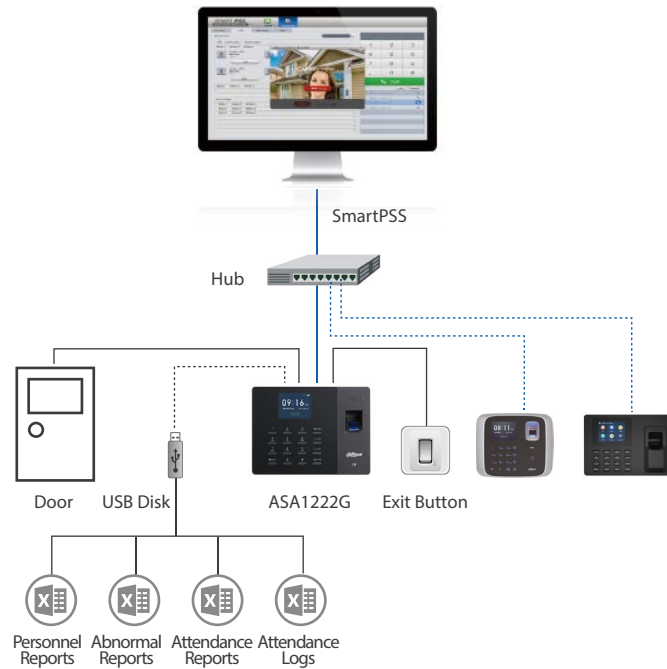
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TCP/IP



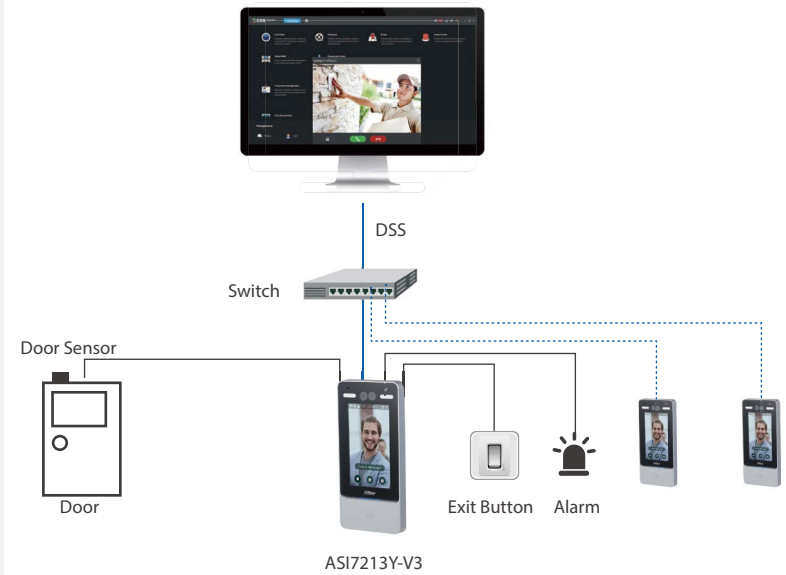
ASA1222E

Support device; Generate smart attendance report; Support software; Work in standalone.



ASA1222G

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



ASI7213Y-V3

Pro access control function, schedule and access level management, alarm in and out; WiFi and p2p communication, wiegand output for the 3 party access control system.

ACCESS CONTROL

Software

- Supports up to 64 controllers
- Video linkup
- Data import and export
- Attendance functionality

Software

SmartPSS V2.02.0000008

Open SDK, free
Remotely control all doors
Video linkup
Attendance



Devices	Supported Devices	Controller, Access Standalone, Attendance Standalone
	Max Registered Devices	64
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup and etc.
Door Configuration	Remote Control	Open/Close door
	Open Mode Setup	Face, Card, Fingerprint, Password, Combination
	Door Parameter Setup	Unlock hold time, Holiday timezone and etc., Alarm Enable
	Check Info.	Check IP address, Version, User number, Record number
	Synchronize Data	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	Microsoft Windows XP SP3 (32 bit) and above
	CPU	Core 2 dual 3.0
	RAM	DDR3 2GB
	Display Resolution	1024x768 or above

ACCESS CONTROL

Software

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

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	Supportd Devices	Controller, Access Control Standalone Terminal
	Max Registered Devices	200 terminals or 800 doors
	Device Management	Auto Search, Manually Add Devices, Apply Updates Door Group, Setup and 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 and etc., Alarm Enable
	Check Info	Check IP address, Version, User number, Record number
	Synchronize Data	Configuration, Record
Advanced Functions	Anti-Pass back, Multi-door Interlock, Multi-card Open, Attendance	
Logging	Open Record, Alarm Record, Attendance Record, Attendance Collection	
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	200GM or more
	CPU	Core i3
	RAM	8GB
	Display Resolution	1204X768

ALARM



Wireless System

Wireless

The whole system can be installed in a few quick steps. Two-way communication with a long transmission range.

Alarm + Video

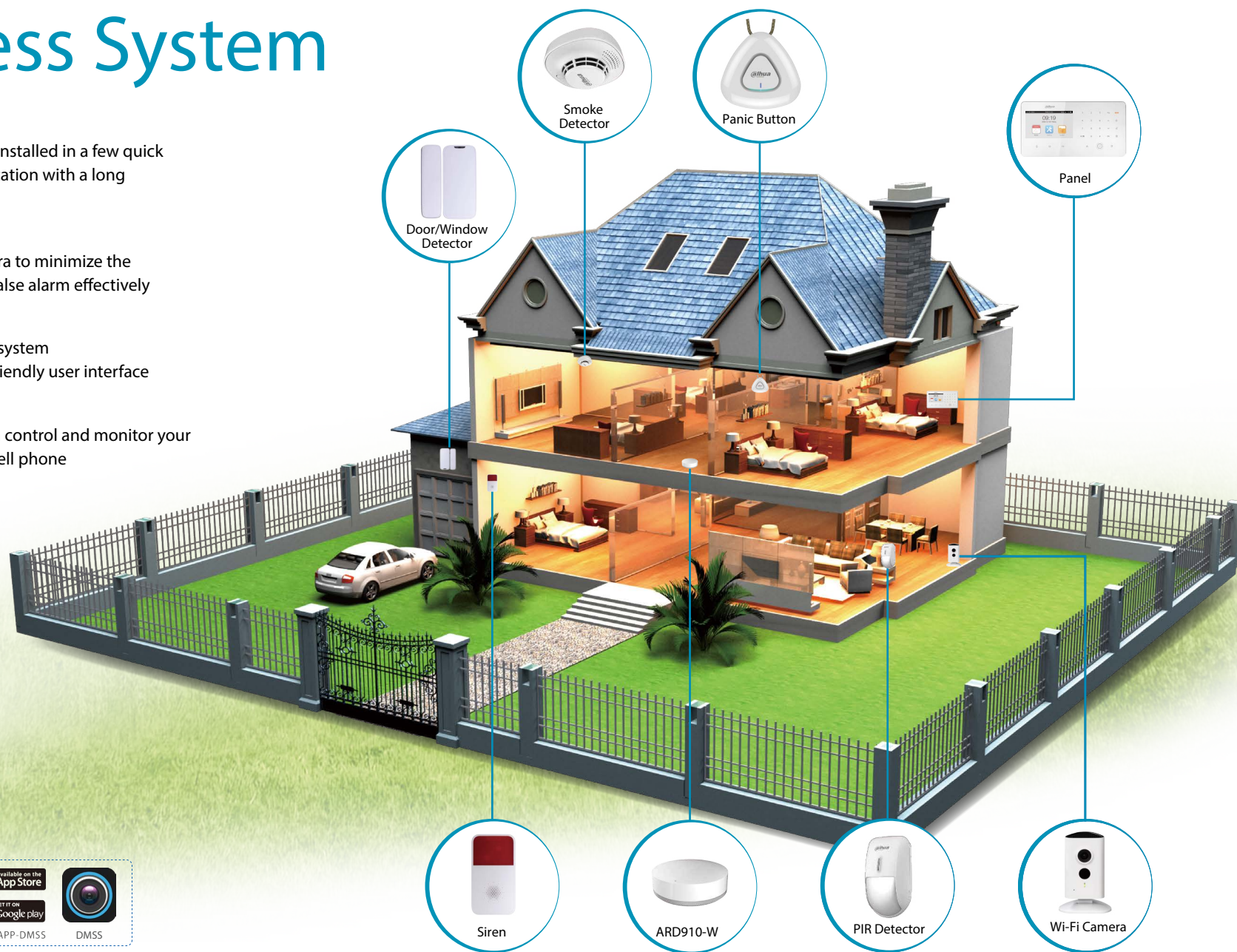
Detectors plus Wi-Fi camera to minimize the probabilities of miss and false alarm effectively

Easy

Enjoy your home security system
With an easy pairing and friendly user interface

APP

Wherever you are, you can control and monitor your home security with your cell phone



Match
with



iphone/Android APP-DMSS



DMSS

Controller

ARC5402A-W

Video Alarm Control Panel



- 2 wired zones
- 32 wireless zones, up to 150m transmission distance (open space/no interference)
- 8 wireless key fobs (ARA22-W)
- 4 wireless sirens
- 4CH IPC Surveillance
- 10s voice message
- Wi-Fi (IEEE 802.11)
- PSTN, TCP/IP
- RFID reader (arm/disarm)
- Micro SD card that records in a loop
- DC12V, Max 12W

KIT Devices

The wireless intrusion alarm system is based on Dahua Airfly technology. It delivers large transmission range, ensures 'Two-way' security communication. It adopts green design to save energy, enabling up to 3 years battery life for the detectors.

ARA22-W

Remote Control



- Arm / Stay arm / Disarm / SOS
- LED indicator

ARA10-W

Siren



- 85 dB/m
- Built-in tamper switch
- Wall mount
- 4xCR123A battery

ARD1611-W

Curtain PIR Detector



- 10m/15° detecting range/angle
- Built-in tamper switch
- Ceiling/Wall mount
- 1xCR123A battery
- ABS plastic

ARD311-W

Magnetic Contact



- 25mm magnet gap
- Screw or 3M glue to mount
- Built-in tamper switch
- 1xCR123A battery

ARD1231-W

PIR Detector



- 12m/ 90° detecting range/angle
- Pet immunity 18kg
- Built-in tamper switch
- Wall mount
- 1xCR123A battery
- ABS plastic

ARD910-W

Flood Detector



- Contact flood detection technology
- IP66 waterproof
- All-in-one or split installation
- 1xCR123A battery

ARD800-W

Panic Button



- Activation via one easy-to-use button
- Neck strap included
- Long-life lithium battery included

FAD122A-W

Smoke Detector



- Infrared photoelectric sensor
- Loud 85dB
- Self-test and mute key
- 30 days low battery warning
- Wall mount

KIT

- New stylish package, new experience
- Complete accessories, easy installation and operation
- Excellent cost performance

DHI-ART-ARC5402A-W-06-A35



×1



×1



×1



×2



×1



×1



×1

DHI-ART-ARC5402A-W-10-A35-C35



×1



×2



×1



×3



×2



×2



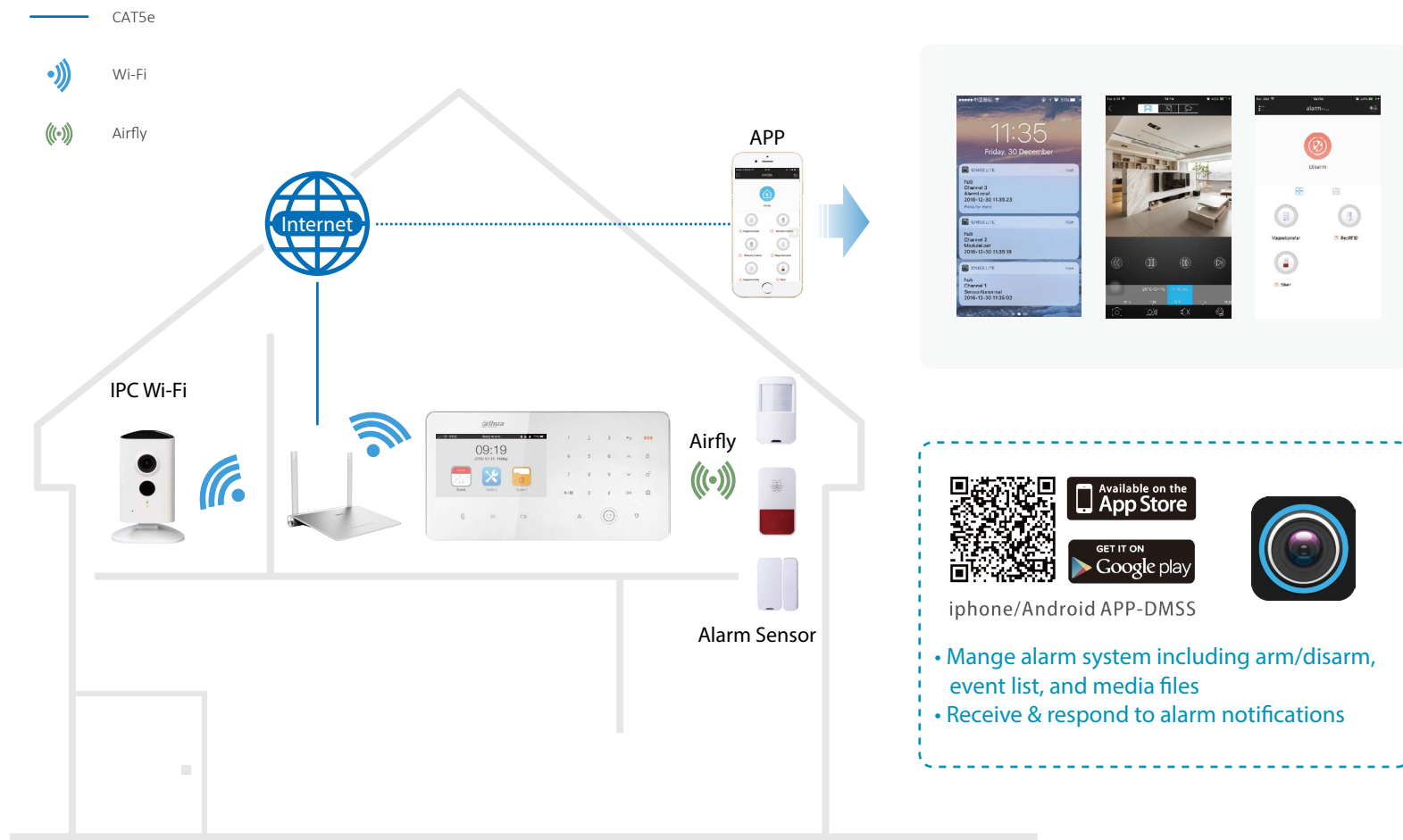
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➤ Wireless Home Security

Place wireless sensors anywhere and Batteries can last for three years. No phone line is needed, when an alarm is triggered it uses Wi-Fi to instantly tell us of any break-ins in your home. You control your system, arming and disarming it using either a handy keychain remotely, or using smartphone APP. Cutting-edge wireless communication. No installation fees. No contracts and monthly fees. Just intelligent home security.



Features



Dahua Airfly



Alarm Devices



Easy Installation



IPC Surveillance



Smartphone APP



Event Message

Recommended



ARC5402A-W

Video Alarm Control Panel
LCD Screen, Touch Buttons
Wi-Fi, IPC surveillance



ARD1231-W

Motion Detector
12m (40feet) and 90
degrees
Pet immunity 18kg (40lbs)



ARD311-W

Door/Window Contact
25mm magnet gap

Wired System

Reliability

EOL resistors allow the control panel to supervise the field wiring for open or short circuit conditions.

Completeness

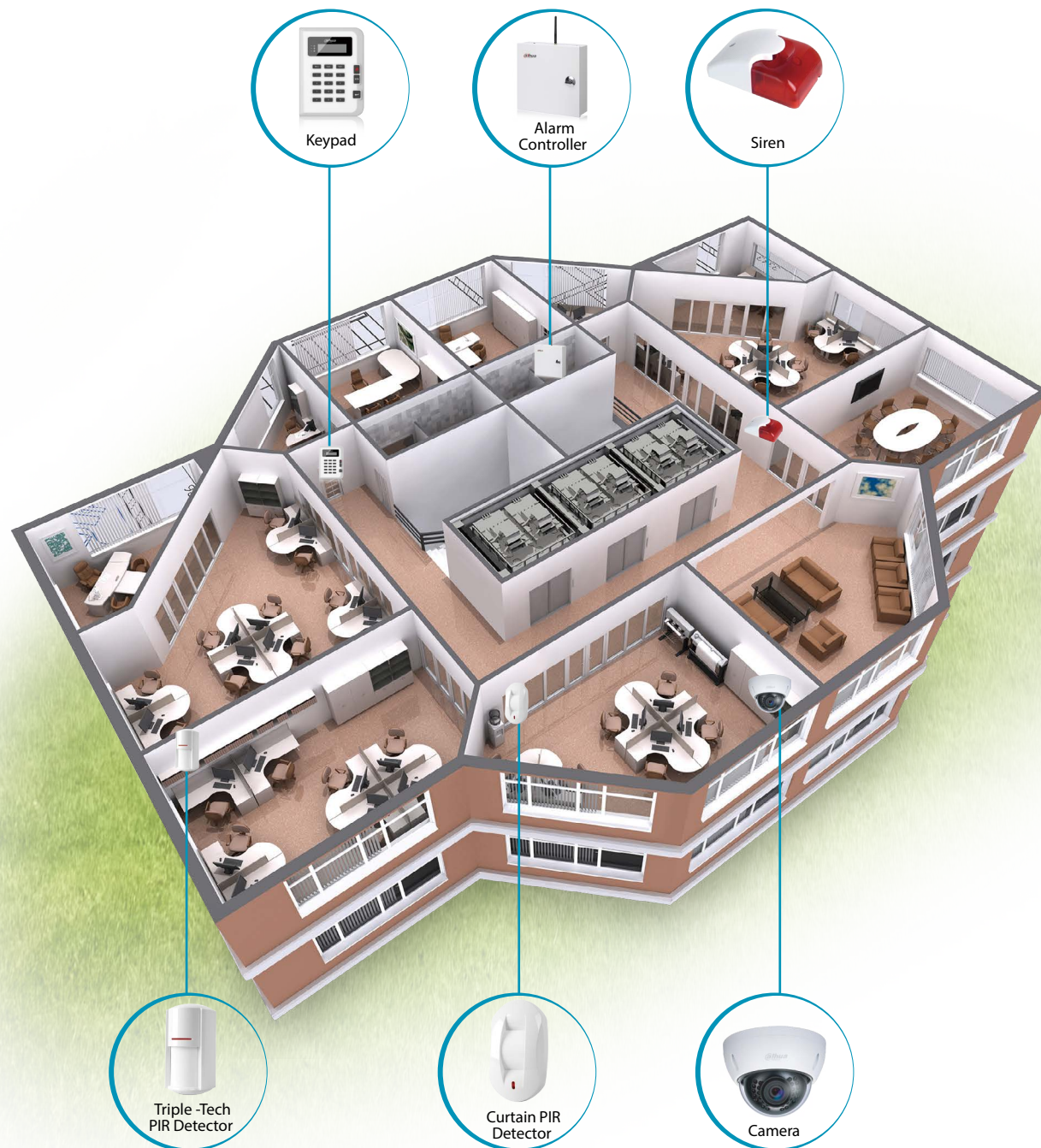
Wide product portfolio includes motion detector, door/window detector, keypad, siren, and module

Alarm + Video

Integration of surveillance cameras with alarm controller to view your home/store from anywhere.

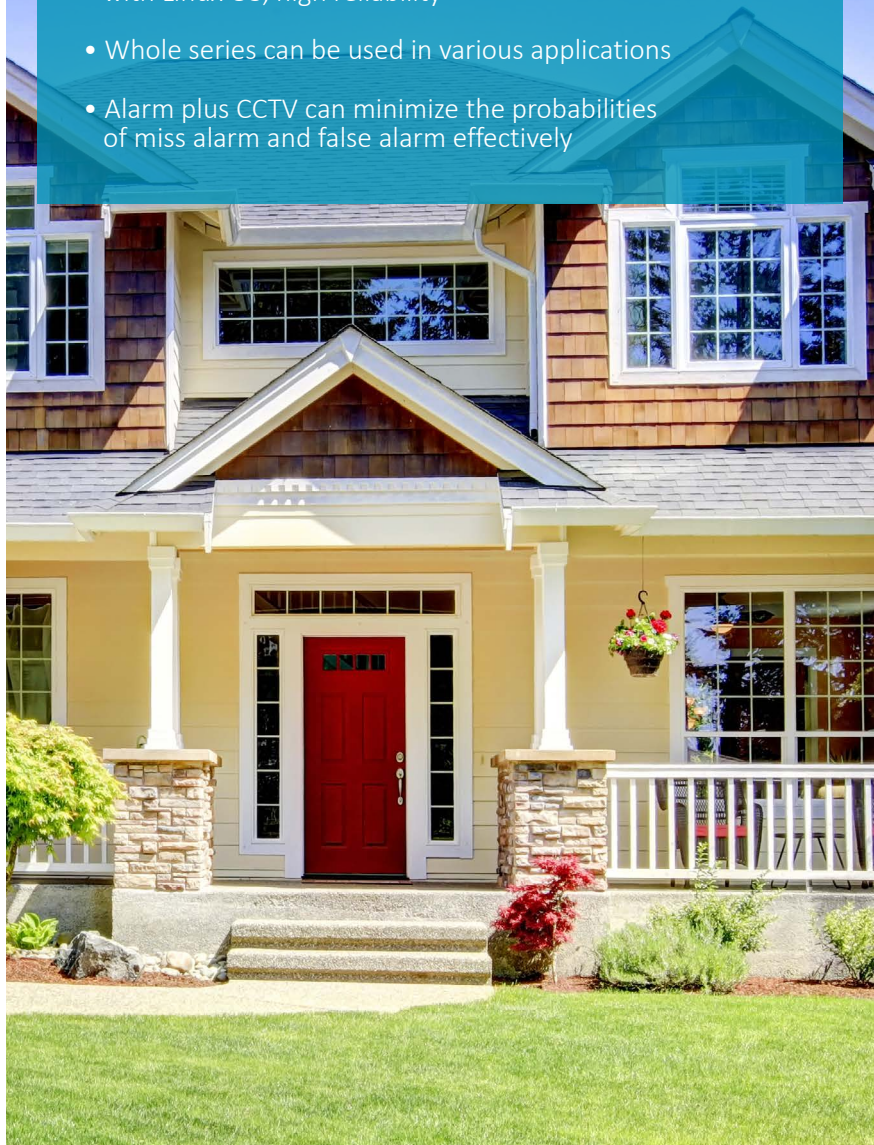
Software

The PC alarm client can configure, manage and monitor dozens of controllers



Controller

- High performance controllers are embedded with Linux OS, high reliability
- Whole series can be used in various applications
- Alarm plus CCTV can minimize the probabilities of miss alarm and false alarm effectively



Controller

	9 Series General Controller	3 Series General Controller
	ARC9016C-(G)	ARC3008C
Model		
On-board Zones	16	8
Hardwire Expansion Zone	expansion to 256 (ARM801/ARM802/ARM808/ARM808-S)	3
PGM Output	8,expansion to 64 (ARM708/ARM716)	8
Keypad	8	—
Wireless Key Fob	—	DMSS
Tamper Switch	1	1
Video Input	—	—
Max Record Rate	—	—
Display	—	—
Audio In/Out	—	—
Ethernet	1×100M port	10/100M
PSTN	1, Contact ID protocol	1 Contact ID Protocol
SMS	SMS(-G)	—
Max HDD	—	—
Battery Required	Max.DC12V 7Ah	Max.12VDC/7Ah
Dimensions	280mm×280mm×90mm	275 × 275 × 77 mm
Working Temperature	-10°C~+55°C	-10°C ~ +55°C
Power	AC 100-240V, 50/60Hz Max 35W	AC 100-240V, 50/60HZ Max 40W

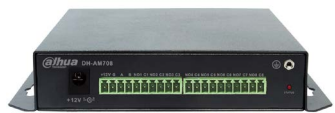
Detector							
	Pet Immunity PIR Detector	Ceiling PIR Detector	Triple-Tech PIR Detector	Outdoor Triple-Tech PIR Detector	Triple -Tech Ceiling PIR Detector	Curtain PIR Detector	Curtain PIR Detector (86 box)
Model	DH-ARD1232	DH-ARD1111C	LH-928BC	LH-650IC	DH-ARD2111C	DH-ARD1631	DH-ARD1612
							
Detecting Range/angle	12m/90°	6m/360°	12m/90°	12m/110°	8m/360°	6m,10m optional/15°	6m/15°
Microwave Frequency	—	—	10.525GHz	10.525GHz	10.525GHz	—	—
Mounting Type	Wall mount	Ceiling mount	Wall mount	Wall mount	Ceiling mount	Wall mount	Ceiling/Wall mount
Installation Height	2.2m	2.5-3.6m	2.2m	2.2m	2.5-3.6m	2.2m	<3.6m
Pet Immunity	25kg	—	35kg	35kg	—	—	—
Relay Output	N.C./N.O. optional	N.C.	N.C./N.O. optional	N.C./N.O. optional	N.C./N.O. optional	N.C./N.O. optional	N.C./N.O. optional
Tamper Switch	N.C.	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	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	-10°C~+50°C
Dimensions	107mm×52mm×36.5mm	116mm×28.2mm	120mm×60mm×40.6mm	129.8mm×62.7mm×51.4mm	135mm×38mm	90mm×50mm×33mm	80mm×34.5mm×28mm
Power Requirements	DC9-16V, 20mA	DC9-16V, 20mA	DC9-16V, 30mA	DC9-16V, 30mA	DC12-24V, 35mA	DC9-16V, 22mA	DC9-16V,20mA

Detector		
	Quad Beam Detector	Dual Beam Detector
Model	LHP-200Q	LHP-30D
		
Distance	200m	60m
Beams	4	2
Detection System	4 beams cut simultaneously	2 beams cut simultaneously
Relay Output	N.C./N.O. optional	N.C./N.O. optional
Tamper Switch	N.C.	N.C.
Ingress Protection	IP55(outdoor)	IP55(outdoor)
Axis Rotation Angle	Horizontally 180(±90°) Vertically 20(±10°)	Horizontally 180(±90°) Vertically 20(±10°)
Material	ABS plastic	ABS plastic
Working temperature	-25°C~+55°C	-25°C~+55°C
Dimensions	345mm×110mm×105mm	195mm×80mm×77mm
Power Requirements	DC12-24V, 35mA	DC12-24V, 35mA

Detector				
	Glass Break Detector	Wooden Door/ Window Contact	Iron Door Contact	Smoke Detector
Model	DH-ARD511	DH-ARD313	DH-ARD312	FAD201A-W
				
Detecting Range/Angle	5m,9m optional	>20mm	>40mm	>60mm
Mounting Type	Ceiling/Wall mount	Surface mount	Surface mount	Ceiling/Wall mount
Relay Output	N.C.	N.C.	N.C.	N.O.
Tamper Switch	N.C.	—	—	—
Material	ABS plastic	ABS plastic	Plated metal	ABS plastic
Working temperature	-10°C~+80°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Dimensions	92mm×67mm×26.4mm	63.5mm×12.5mm×12.5mm	50mm×18mm×10mm	103mm×104mm×46mm
Power Requirements	DC9-16V, 150mA	<DC100V, 500mA	<DC100V, 500mA	DC9V-DC15V

Accessories							
Name	Indoor Siren	Outdoor Siren	Keypad	Four-Key Remote Control	Panic Button (86 box)	Emergency Button	Detector Bracket
Model	DH-ARA11	DH-ARA16	ARK10C	ARA21-W	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	Arm/Stay arm/Disarm/SOS LED indicator Work with ARC20XXC-G, ARC5X08C-(C)	N.C./N.O. optional ABS material 85mmx85mmx33mm	N.C./N.O. optional 53.6mmx36mmx27mm	Multi-angle adjustable (120°) ABS material

Accessories			
Name	Single-Zone Input Module	Dual-Zone Input Module	Single-Zone Input & Single Relay Output Module
Model	ARM801	ARM802	ARM911
Appearance			
Description	1 zone input Mbus protocol, 2.4km Work with ARC9016C 10K EOL	2 zones input Mbus protocol, 2.4km Work with ARC9016C 10K EOL	1 zone expansion, 1 relay output Mbus protocol, 2.4km Work with ARC9016C 10K EOL

Accessories				
Name	Zone Expansion Module(MBus)	Zone Expansion Module(RS485)	Output Expansion Module	Output Expansion Module
Model	ARM808	ARM808-S	ARM708	ARM716
Appearance				
Description	8 zones expansion Mbus protocol, 2.4km Work with ARC9016C 136x132x30mm 10K EOL	8 zones expansion RS485, 1.2km Work with ARC5X08C-(C), ARC9016 136x132x30mm 2.2K EOL	4 relay out (24VDC 1A) and 4 relay out (220VDC 3A) RS485, 1.2km Work with ARC2008/2016C, ARC9016 136x132x30mm 2.2K EOL	12 relay out (24VDC 1A) and 4 relay out (220VDC 3A) RS485, 1.2km Work with ARC2008/2016C, ARC9016 136x132x30mm 2.2K EOL

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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* Design and specifications are subject to change without notice.

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