

VIDEO INTERCOM Products and Solutions | 2019 Ver. 1

CONTENTS

● PRODUCTS ----- 02- 20

- IP Apartment Outdoor Stations
- IP Modular Outdoor Station
- IP Villa Outdoor Stations
- IP Indoor Monitors
- IP 2-Wire Systems
- Wi-Fi Systems
- Analog Apartment Outdoor Stations
- Analog Villa Outdoor Stations
- Analog Indoor Monitors
- KIT
- Accessories
- Software & Management Devices
- Emergency Phone Terminals

● SOLUTIONS ----- 21- 34

- Villa Solution
 - 1-Flat: IP / IP 2-Wire / Wi-Fi / Analog
 - 1/2/4-Flat: IP
- Small Apartment Solution
 - IP
- Big Apartment Solution
 - IP / IP 2-Wire / SIP / Analog
- SOS Solution
 - IP

PRODUCTS



VIDEO INTERCOM

IP Apartment Outdoor Stations

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

Make Your Life Safer
Produced by Dahua

IP Apartment Outdoor Stations

	Apartment Outdoor Stations							
Model	VTO1210C-X	VTO1210B-X	VTO1210A-X	VTO1220BW	VTO1220A	VTO6221E-P	VTO6421F	VTO9341D
Image Sensor	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS
Lens	4mm	4mm	4mm	4mm	4mm	2mm	2mm	4mm
Angle of View	D:92° H:71°	D:92° H:71°	D:92° H:71°	D:92° H:71°	D:92° H:71°	H:140° V:88°	H:140° V:82°	D:103° H:82°
Day/Night	Color Image	Color Image	Color Image	Color Image	Color Image	Color Image	Color Image	Color Image
Screen	3" STN 128x64	3" STN 128x64	3" STN 128x64	3.5" TFT 320x240	3.5" TFT 320x240	2.3" OLED	4.3" IPS 800x480	10" IPS 800x1280 Capacitive
Reader	Mifare Card	Mifare Card	Mifare Card	Mifare Card	Mifare Card	Mifare Card	Mifare Card	Mifare Card Face Recognition
Proximity Sensor	0.6m	0.6m	—	0.6m	—	—	0.6m	0.6m
Keypad	Mechanical Button	Touchpad	Mechanical Button	Touchpad	Mechanical Button	Mechanical Button with braille	Mechanical Button with braille	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 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	IP54, IK07	IP65	IP54	IP65	IP54	IP55, IK08	IP55, IK08	IP55
Tamper Switches	1	1	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Flush	Flush	Flush	Flush	Surface & Flush	Flush	Flush
Material	Stainless Steel	Tempered Glass	Aluminum	Tempered Glass	Aluminum	Aluminum	Stainless steel	Tempered Glass Aluminum
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)	-20°C~+60°C (-4°F~+140°F)
Power Supply	DC12V, Max 10W	DC12V, Max 10W	DC12V, Max 10W	DC12V, Max 10W	DC12V, Max 10W	DC12V, POE (802.3af), Max7W	DC12V, Max15W	DC12V, Max 24W

VIDEO INTERCOM

IP Modular Outdoor Station

- 2.0MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Echo cancellation
- Modular design (Max 9 modules, VTO2000A-C/ VTO2000A-C-2 needed)



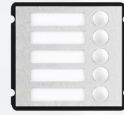
• Camera Module (required)

• Button Module (max 8)

Optional



Button Module



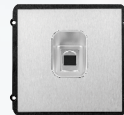
Button Module

• Card Module

Optional



Keyboard Module



Fingerprint Module

3-module frame (2-module or 9-module frames are available)

IP Modular Outdoor Station

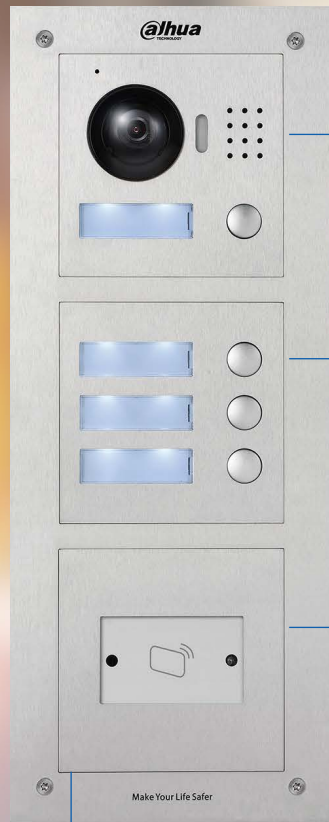
Modular Outdoor Station Modules

	VTO2000A-C (Network cable)	VTO2000A-C-2 (2-wire)	VTO2000A-B1	VTO2000A-B	VTO2000A-B5
Model					
Image Sensor	1/3" 1.3MP CMOS	1/2.7" 2MP CMOS	—	—	—
Lens	2.8mm	4mm	—	—	—
Angle of View	D:117° H:87°	D:104° H:87°	—	—	—
Day/Night	Color Image	Color Image	—	—	—
Reader	—	—	—	—	—
Proximity Sensor	—	—	—	—	—
Indicator light	—	Calling Answer Unlock	—	—	—
Keypad	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	—	—	—
Ingress Protection	IP54, IK07	IP54, IK07	IP54, IK07	IP54, IK07	IP54, IK07
Tamper Switches	1	1	—	—	—
Ethernet	10M/100Mbps	10M/100Mbps	—	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	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)
Power Supply	DC12V/24V, Max 10W	DC24V, Max 10W	—	—	—

VIDEO INTERCOM

IP Modular Outdoor Station

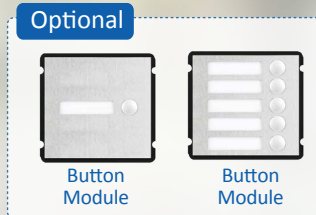
- 2.0 MP CMOS camera
- Large field of view
- Night vision
- Voice indicator
- Echo cancellation
- Modular design (Max 9 modules, VTO2000A-C needed)



• Camera Module (required)

• Button Module (max 8)

• Card Module



3-module frame (2-module or 9-module frames are available)

IP Modular Outdoor Station

	Modular Outdoor Station Modules			
	VTO2000A-R	VTO2000A-K	VTO2000A-F	VTO2000A-E
Model				
Image Sensor	—	—	—	—
Lens	—	—	—	—
Angle of View	—	—	—	—
Day/Night	—	—	—	—
Reader	Mifare Card	—	Fingerprint	—
Proximity Sensor	0.6m	—	—	—
Keypad	—	Mechanical Button	—	—
Door Control	—	—	—	—
Ingress Protection	IP54, IK07	IP54, IK07	IP54, IK07	IP54, IK07
Tamper Switches	—	—	—	—
Ethernet	—	—	—	—
Installation	Surface & Flush	Surface & Flush	Surface & Flush	Surface & Flush
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-20°C~+60°C (-4°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12V/24V, Max 10W			







VIDEO INTERCOM

IP Villa Outdoor Stations

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



IP Villa Outdoor Stations

	Villa Outdoor Stations					
	VTO3211E-P	VTO2000A	VTO6100C	VTO6210B(W)	VTO3211D-P/P2/P4	VTO2101E-P
Model						
Image Sensor	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	2.8mm	3.6mm	3.6mm	2mm	2.8mm
Angle of View	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	Color Image	Color Image	Color Image	Color Image	ICR	ICR
Indicator light	Calling Answer Unlock	—	—	—	—	—
Reader	Mifare Card	—	Mifare Card	Mifare Card	Mifare Card	—
Keypad	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 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, IK08	IP54, IK07	IP54	IP65	IP65, IK08	IP65, IK10
Tamper Switches	1	1	1	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Flush	Surface & Flush	Flush	Surface	Surface	Surface
Material	Aluminum	Stainless steal	Plastic	Tempered Glass	Aluminum	Front Panel: Zinc alloy Rear Panel: Aluminum alloy Holder: Aluminum alloy
Working Temperature	-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, 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





VIDEO INTERCOM

IP Indoor Monitors

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




IP Indoor Monitors


	Indoor Monitors			
	VTH5221E(W)-H	VTH1660CH	VTH1550CHM	VTH1550CH
Model				
LCD Screen	7" TFT 1024×600 Capacitive	10" TFT 800×480 Capacitive	7" TFT 800×480 Capacitive	7" TFT 800×480 Capacitive
Button Type	—	—	—	Touch
RS485	1	1	1	1
Alarm In/Out	6/1	6/1	8/0	6/1
Memory Slot	Micro SD, Max 32GB	Embedded 8GB	Micro SD, Max 32GB	Micro SD, Max 32GB
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface, Desktop	Flush	Flush	Surface
Material	Plastic	Glass/Aluminum	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)
Power Supply	DC12V, PoE(802.3af), Max 5W	DC12V, Max 8W	DC12V, Max 7W	DC12V, Max 7W


VIDEO INTERCOM

IP 2-Wire Systems

- 1.3MP 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

IP 2-Wire Systems	
	Villa
Model	VTO2000A-2 
Image Sensor	1/3" 1.3MP CMOS
Lens	2.8mm
Angle of View	D:117° H:87°
Day/Night	Color Image
Keypad	Mechanical Button
Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button
Ingress Protection	IP54, IK07
Tamper Switches	1
Ethernet	10M/100Mbps
Installation	Surface & Flush
Material	Stainless steel
Working Temperature	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC24V, Max 10W

	Villa
Model	VTH1550CHW-2 
LCD Screen	7" TFT 800x480 Capacitive
Button Type	Touch
RS485	1
Alarm In/Out	6/1
Memory Slot	Micro SD, Max 32GB
Ethernet	10M/100Mbps
Installation	Surface
Material	Plastic
Working Temperature	-10°C~+55°C (14°F~+131°F)
Power Supply	DC24V, Max 7W

Apartment	
	VTH5222CH
Model	VTH5222CH 
LCD Screen	7" TFT 800x480 Capacitive
Button Type	Touch
RS485	1
Alarm In/Out	6/1
Memory Slot	Micro SD, Max 32GB
Ethernet	10M/100Mbps
Installation	Surface
Material	Plastic
Working Temperature	-10°C~+55°C (14°F~+131°F)
Power Supply	DC24V, Max 7W



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



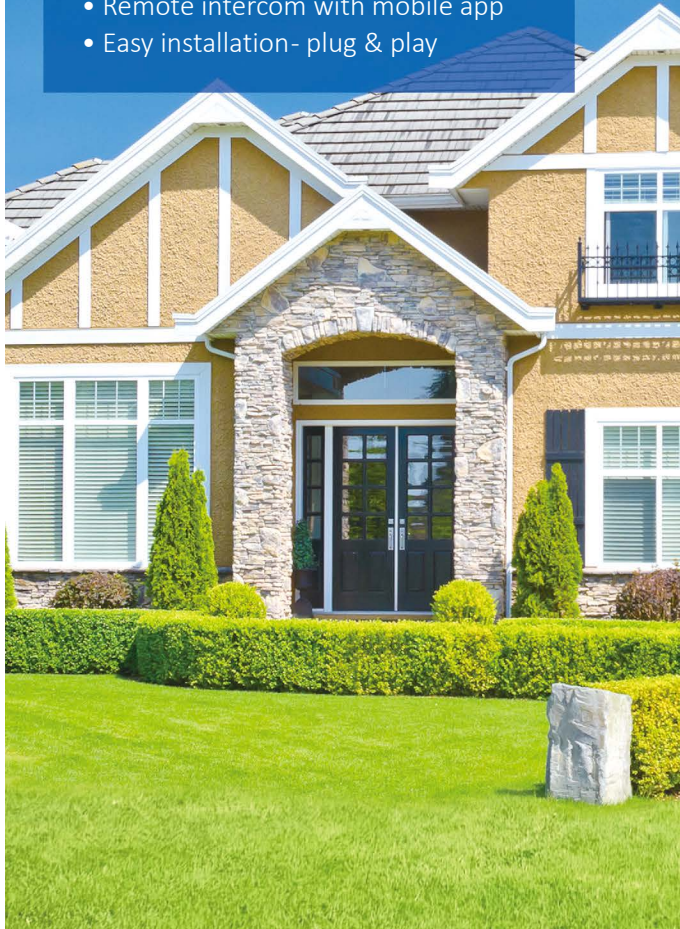
Wi-Fi Systems




	Video Doorbells	
	VTO2111D-WP	VTO2111D-WP(433)
Model		
Image Sensor	1/4" 1MP CMOS	1/4" 1MP CMOS
Lens	2mm	2mm
Angle of View	D:135° H:108°	D:135° H:108°
Day/Night	ICR	ICR
Reader	Mifare Card	Mifare Card
Keypad	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
Ingress Protection	IP65	IP65
Tamper Switches	1	1
Memory Slot	Micro SD, Max 32G	Micro SD, Max 32G
Wi-Fi	IEEE802.11b/g/n, 2.4GHZ	IEEE802.11b/g/n, 2.4GHZ
Ethernet	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface
Material	Plastic	Plastic
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC 12, PoE(802.3af), Max 10W	DC 12, PoE(802.3af), Max 10W

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			
	Indoor Monitors		
	VTH5221D(W)	VTH5221DW-C	VTH5241DW
Model			
LCD Screen	7" TFT 1024x600 Capacitive	7" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive
Camera	—	1/4" 1MP CMOS	—
Button Type	Touch	Touch	Touch
RS485	1	1	1
Alarm In/Out	6/1	6/1	6/1
Wireless Zone (433 MHZ)	6	6	6
Memory Slot	Micro SD, Max 32GB	Micro SD, Max 32GB	Micro SD, Max 32GB
Wi-Fi	IEEE802.11b/g/n, 2.4GHZ	IEEE802.11b/g/n, 2.4GHZ	IEEE802.11b/g/n, 2.4GHZ
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface	Surface
Material	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)
Power Supply	DC 12, PoE(802.3af), Max 8W	DC 12, PoE(802.3af), Max 8W	DC 12, PoE(802.3af), Max 8W

VIDEO INTERCOM

Analog Apartment Outdoor Stations

- 1.3/2.0MP CMOS camera
- Night vision
- Echo cancellation
- Voice indicator
- LCD, STN, OLED screen

Analog Apartment Outdoor Stations




	Apartment Outdoor Stations		
	VTO1210C-X	VTO1210B-X	VTO1210A-X
Model			
Image Sensor	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS	1/2.7" 1.3MP CMOS
Lens	4mm	4mm	4mm
Angle of View	D:92° H:71°	D:92° H:71°	D:92° H:71°
Day/Night	Color Image	Color Image	Color Image
LCD Screen	3" STN 128x64	3" STN 128x64	3" STN 128x64
Reader	Mifare Card	Mifare Card	Mifare Card
Proximity Sensor	0.6m	0.6m	—
Keypad	Mechanical Button	Touchpad	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
Ingress Protection	IP54, IK07	IP65	IP54
Tamper Switches	1	1	1
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface & Flush	Flush	Flush
Material	Stainless Steel	Tempered Glass	Aluminum
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	DC12V, Max 10W	DC12V, Max 10W	DC12V, Max 10W

VIDEO INTERCOM

Analog Villa Outdoor Stations

- 600TVL CMOS camera
- Night vision
- Echo cancellation
- Easy installation
- Plug & Play

Analog Villa Outdoor Stations

	Villa Outdoor Stations		
	VTO5000C	VTO5000CM	VTO5110B
Model			
Image Sensor	1/3" 600 lines	1/3" 600 lines	1/3" 600 lines
Lens	3.6mm	3.6mm	3.6mm
Day/Night	Color Image	Color Image	Color Image
Reader	—	—	Mifare Card
Keypad	Mechanical Button	Mechanical Button	Touch Button
Door Control	1 Relay Out 1 Feedback 1 Exit Button	1 Relay Out 1 Feedback 1 Exit Button	1 Relay Out 1 Feedback 1 Exit Button
Ingress Protection	IP54	IP54	IP65
Tamper Switches	1	1	1
Installation	Flush	Flush	Surface
Material	Plastic	Aluminum	Tempered Glass
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	DC24V, Max 4W	DC24V, Max 4W	DC24V, Max 4W







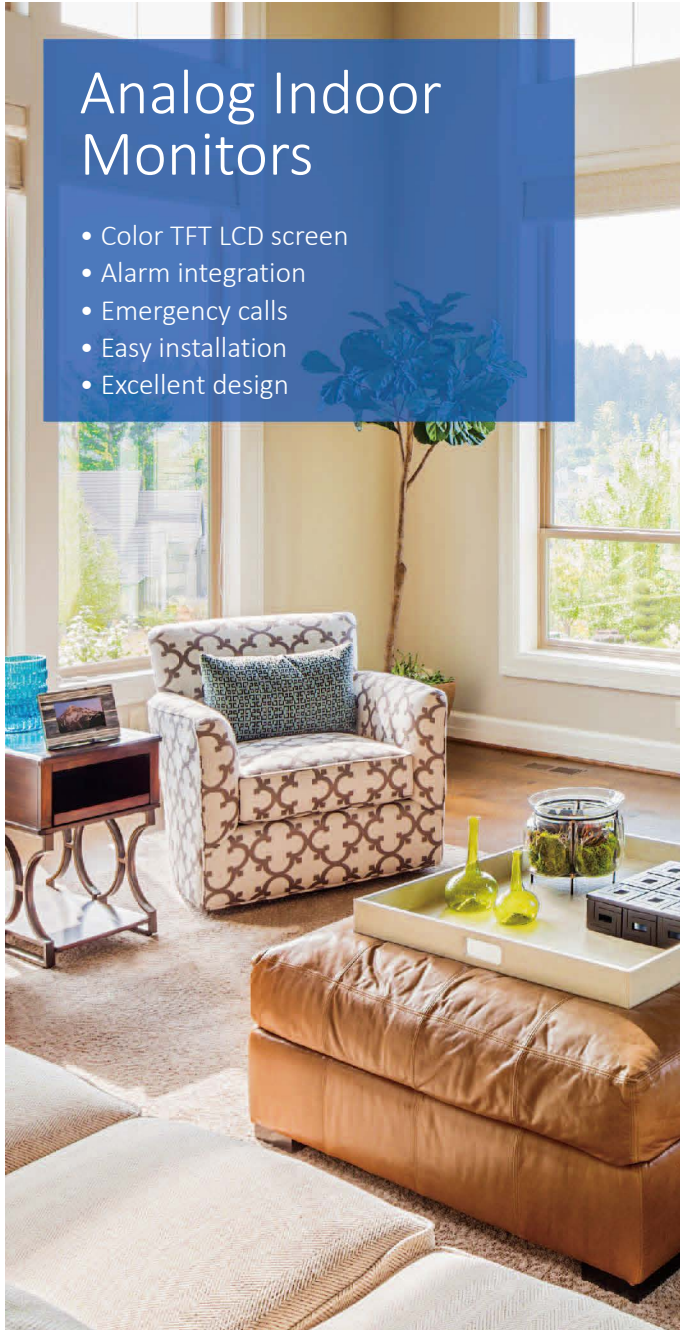
VIDEO INTERCOM

Analog Indoor Monitors

- Color TFT LCD screen
- Alarm integration
- Emergency calls
- Easy installation
- Excellent design

Analog Indoor Monitors

	Indoor Monitors			
	VTH1200DS	VTH1500B-S	VTH2020A	VTH1500AH-S
Model				
LCD Screen	4.3" TFT 480×272	7" TFT 800×480	7" TFT 800×480	7" TFT 800×480
Button Type	Mechanical Button	Touch Button	Mechanical Button	Mechanical Button
Alarm In/Out	4/1	6/1	6/1	6/1
Installation	Surface	Surface & Flush	Surface	Surface & Flush
Material	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)
Power Supply	DC24V, Max 4W	DC24V, Max 5W	DC24V, Max 5W	DC24V, Max 5W



KIT

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



VTK-VTO6210BW-VTH1550CH



VTK-VTO5000C-(N)-VTH1200DS



VTK-VTO2000A-VTH1550CH(S/F)



VTK-VTO2000A-VTH1560BW(S/F)



VTK-VTO6210B(W)-VTH1560B(W)



VTK-VTO2111D-WP-VTH5221D
















VTK-VTO2000A-2-VTH1550CHW-2(S/F)

ACCESSORIES

VTO1210A-X / VTO1220A		VTO1210B-X / VTO1220BW		VTO1210C-X			VTO2000A / VTO2000A-2			VTO9231D/9341D	
											
Model	VTOB101	Model	VTOB102	Model	VTOB103	VTOB110	Model	VTOB107	VTOB108	Model	VTOB119
Installation	Flush	Installation	Flush	Installation	Flush	Surface	Installation	Flush	Surface	Installation	Flush

VTO2000A Series						Desktop mounting bracket	Lift Controller	Call lift module
								
Model	VTOF002+VTOB113	VTOF003+VTOB114	VTOF002+VTOB111	VTOF003+VTOB112	VTOF009+VTOB115	VTM123	VTM416	VTM401
Installation	Surface	Surface	Flush	Flush	Flush	Desktop	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

	IP	Analog		2-Wire		Controller	SIP Server	Access Control
Model	VTNS1060A	VTNA1040B	VTNA1080B	VTNC3000A	VTNS1006A-2	VTNC1000B	VTNS2000B	DEE1010B
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	DC12V, Max 10W	DC12V, Max 10W	RS485 convertor DC12V, Max 1W

Power Supplies					Distributed Power Supply	UPS
Model	PFM321 Series	ADS-26SGP-12 12024E	ADS-36RJ-24 24024G	ADS-110DL-19-1 240072E	PFA34x Series	PFM35x Series
Appearance						
Description	DC12V, 1A	DC12V, 2A	DC24V, 1A	DC24V, 3A	DC12V, 4A-5CH/5A-9CH/ 10A-9CH/20A-19CH	Line-interactive: 600VA/360W, 1500VA/900W Smart-online: 1000VA/900W

SOFTWARE & MANAGEMENT DEVICES

Smart PSS

Smart Professional Surveillance System

- Receive emergency calls from devices
- Monitor outdoor stations
- Send public messages
- Unlock remotely
- Card management
- Alarm information



VDP	Max. Management VTO	64
	Max. Management VTH	256
	Max. Management VTS	8
	Max. number of VDP Users	10K
VDP Operation	Talk	Audio talk with VTH, Video talk with VTO
	Control	Remotely open doors
	Announcement	Send text message to VTH
Live Preview	Video Display Split	1/4/6/8/9/16/25/36 or customized split for Mac, up to 64 for Windows
	Max. Live Previews	4
	Max. Views	256
	Features	Snapshot, Audio, Record, Talk, Playback
Minimum System Requirements	OS	Windows XP/Vista/i7/8, Mac OSX 10.7 or above
	GPU	Intel(R) HD Graphics or above
	CPU	Intel(R) Core(TM) i3 or above
	Disk Space	2GB or above
	Display Resolution	1024x768 or above

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	480x800 or above

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	1024 Devices (Apartment VTO no more than 64)
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 64f 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	1024x768 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 2000 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	Android: 4.0 or above, iOS: 8.0 or above
	CPU	1 GHz or above
	Memory	Android: 2GB or above, iOS: 1GB or above
	Display Resolution	480x800 or above

VTS5240B

Master Station

- Receive call from devices
- Monitor outdoor station
- Unlock Remotely



Max. Management VTOs	50
LCD Screen	10" TFT 1024x600 Capacitive
Button Type	Touch
Audio In/Out	1/1
Ethernet	10M/100Mbps
Material	Plastic
Working Temperature	-10°C~+55°C
Power Supply	DC12V, Max 7W

VIDEO INTERCOM



Emergency Phone Terminals

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

Emergency Phone Terminals				
	Emergency Phone Boxes		Emergency Phone Towers	
	VTT201	VTT2610C-C	VTA8111A	VTA8111AB
Model				
Image Sensor	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS
Lens	Pinhole	Pinhole	Pinhole	Pinhole
Day/Night	Color Image	Color Image	Color Image	Color Image
LCD Screen	—	10" TFT 1024×600 Capacitive	—	—
Reader	—	Mifare Card	Mifare Card	Mifare Card
Keypad	Mechanical Button	Mechanical Button	Mechanical Button	Mechanical Button
Extensions	—	3G/4G	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren
Alarm In/Out	2/2	2/2	2/2	2/2
Ingress Protection	IP54, IK08	IP65, IK10	IP65, IK10	IP65, IK10
Tamper Switches	1	1	2	2
Memory Slot	-	Micro SD, Max 64G	Micro SD, Max 64G	Micro SD, Max 64G
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Surface	Surface	Pole mount	Pole mount
Material	Aluminum	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)	-30°C~+60°C (-22°F~+140°F)
Power Supply	DC12~24V, POE(802.3af),Max 8W	DC12~24V, POE(802.3af),Max 10W	AC 100V-240V@ 47Hz-63Hz,Max 80W	AC 100V-240V@ 47Hz-63Hz,Max 80W

VIDEO INTERCOM

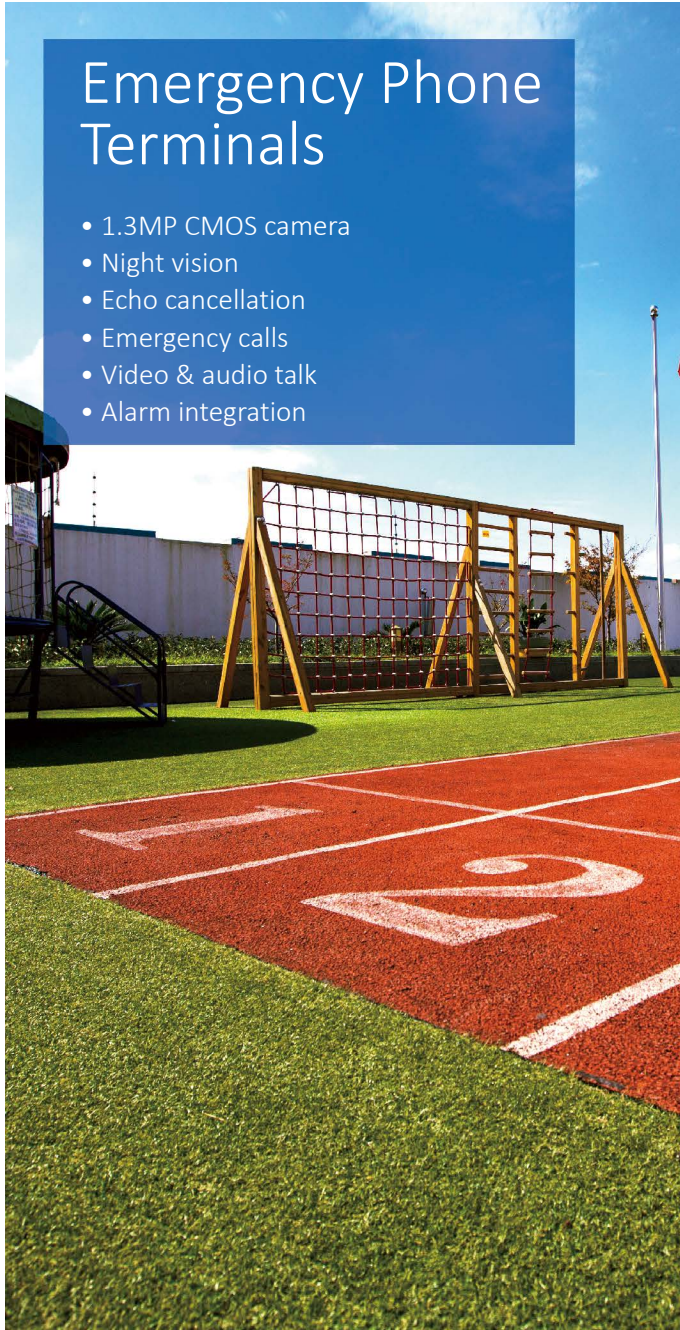
Emergency Phone Terminals

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

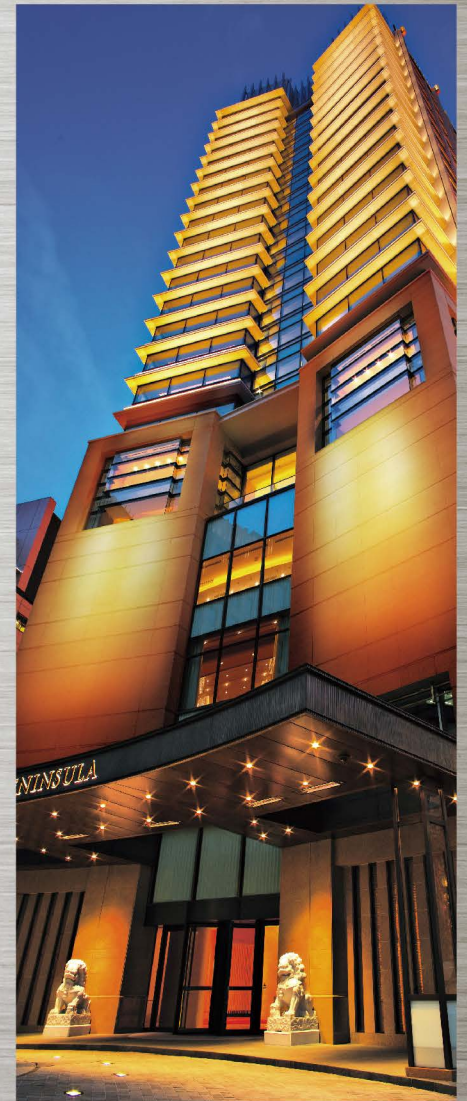
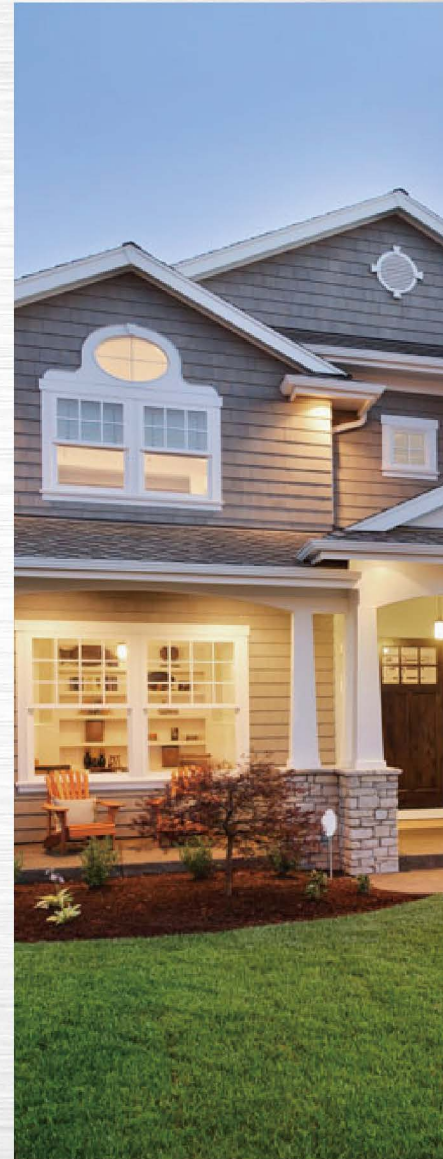
Emergency Phone Terminals

7" Capacitive Screen Emergency Phone Towers

	VTA8111A-4	VTA8111AB-4	VTA8111A-R4	VTA8111AB-R4
Model				
Image Sensor	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS	1/3" 1.3MP CMOS
Lens	Pinhole	Pinhole	Pinhole	Pinhole
Day/Night	Color Image	Color Image	Color Image	Color Image
LCD Screen	10" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive	10" TFT 1024x600 Capacitive
Reader	Mifare Card	Mifare Card	Mifare Card	Mifare Card
Keypad	Mechanical Button	Mechanical Button	Mechanical Button	Mechanical Button
Extensions	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren,Speed Measurement Device	3G/4G,Wi-Fi,LED Screen,IP PTZ,IP Dome,Alarm Lamp,Siren,Speed Measurement Device
Alarm In/Out	2/2	2/2	2/2	2/2
Ingress Protection	IP65, IK10	IP65, IK10	IP65, IK10	IP65, IK10
Tamper Switches	2	2	2	2
Memory Slot	Micro SD, Max 64G	Micro SD, Max 64G	Micro SD, Max 64G	Micro SD, Max 64G
Ethernet	10M/100Mbps	10M/100Mbps	10M/100Mbps	10M/100Mbps
Installation	Pole mount	Pole mount	Pole mount	Pole mount
Material	SGCC	SGCC	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)	-30°C~+60°C (-22°F~+140°F)
Power Supply	AC 100V-240V@ 47Hz-63Hz,Max 80W	AC 100V-240V@ 47Hz-63Hz,Max 80W	AC 100V-240V@ 47Hz-63Hz,Max 80W	AC 100V-240V@ 47Hz-63Hz,Max 80W

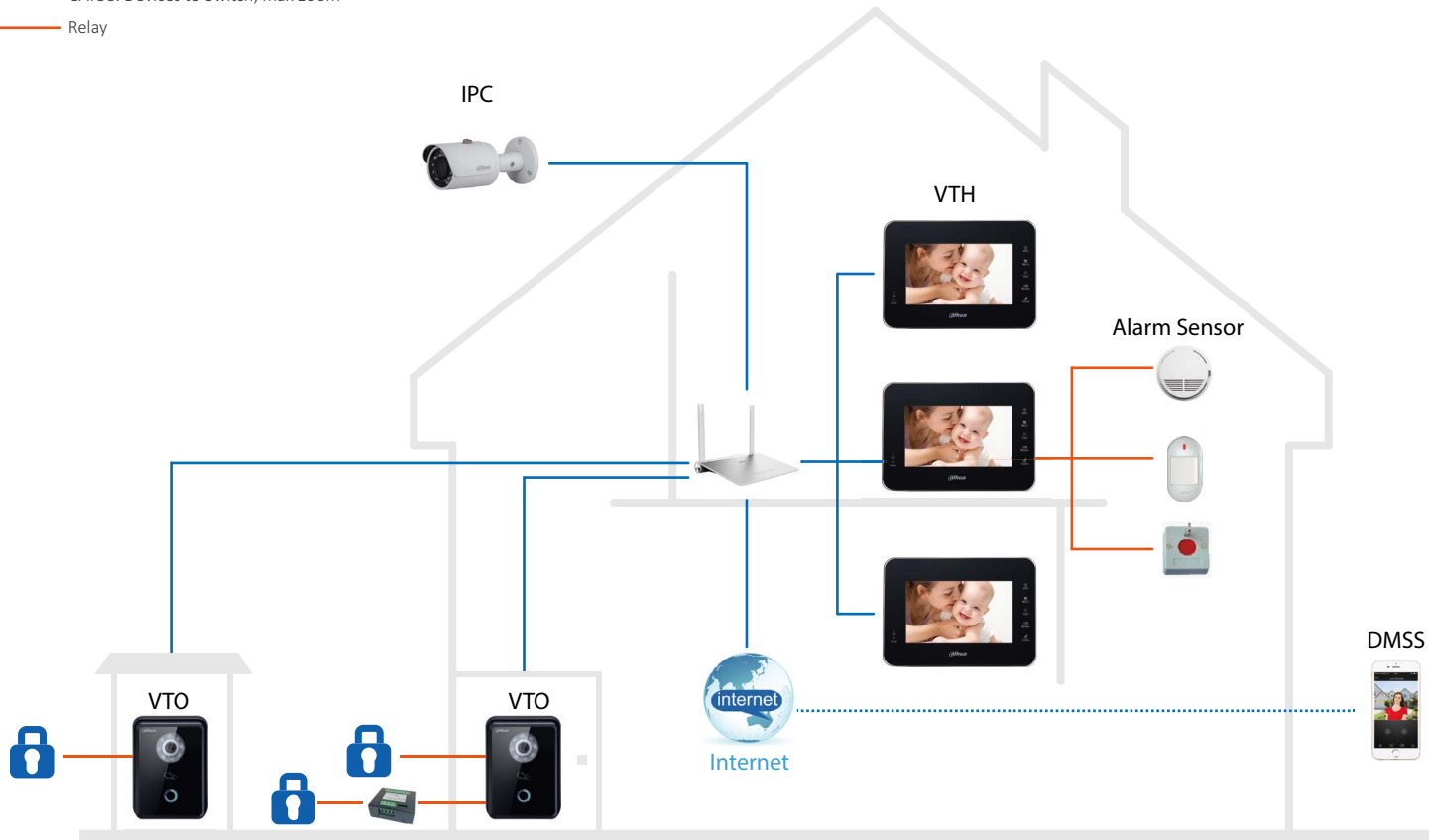


SOLUTIONS



20 + 10
Doors Monitors

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



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 visitor or message will be missed.

Features

Recommended Products



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



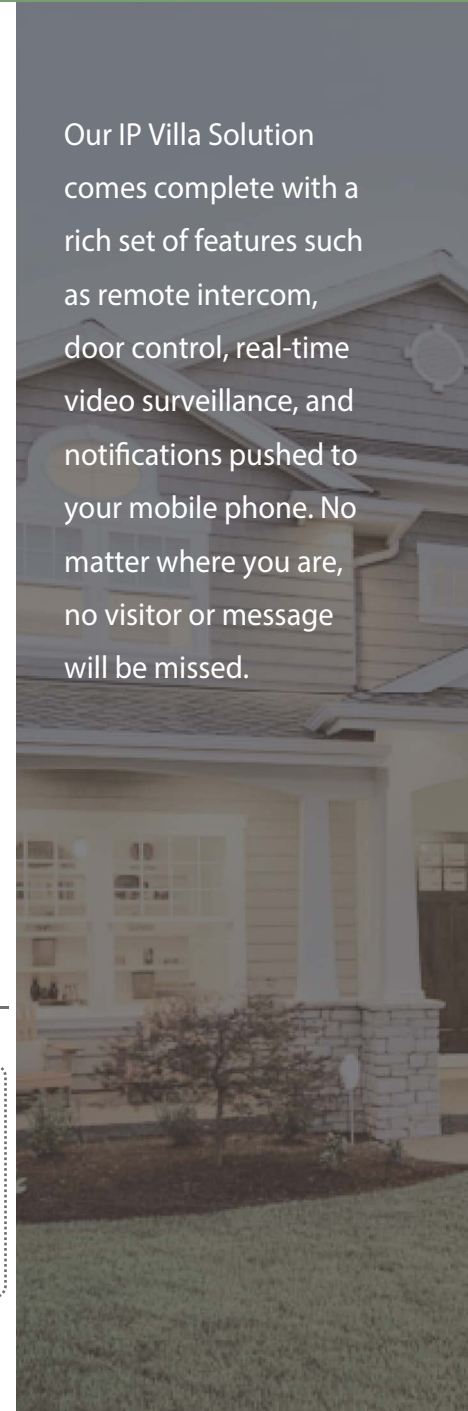
VTO6210B

Villa Outdoor Station
1MP CMOS
IP65



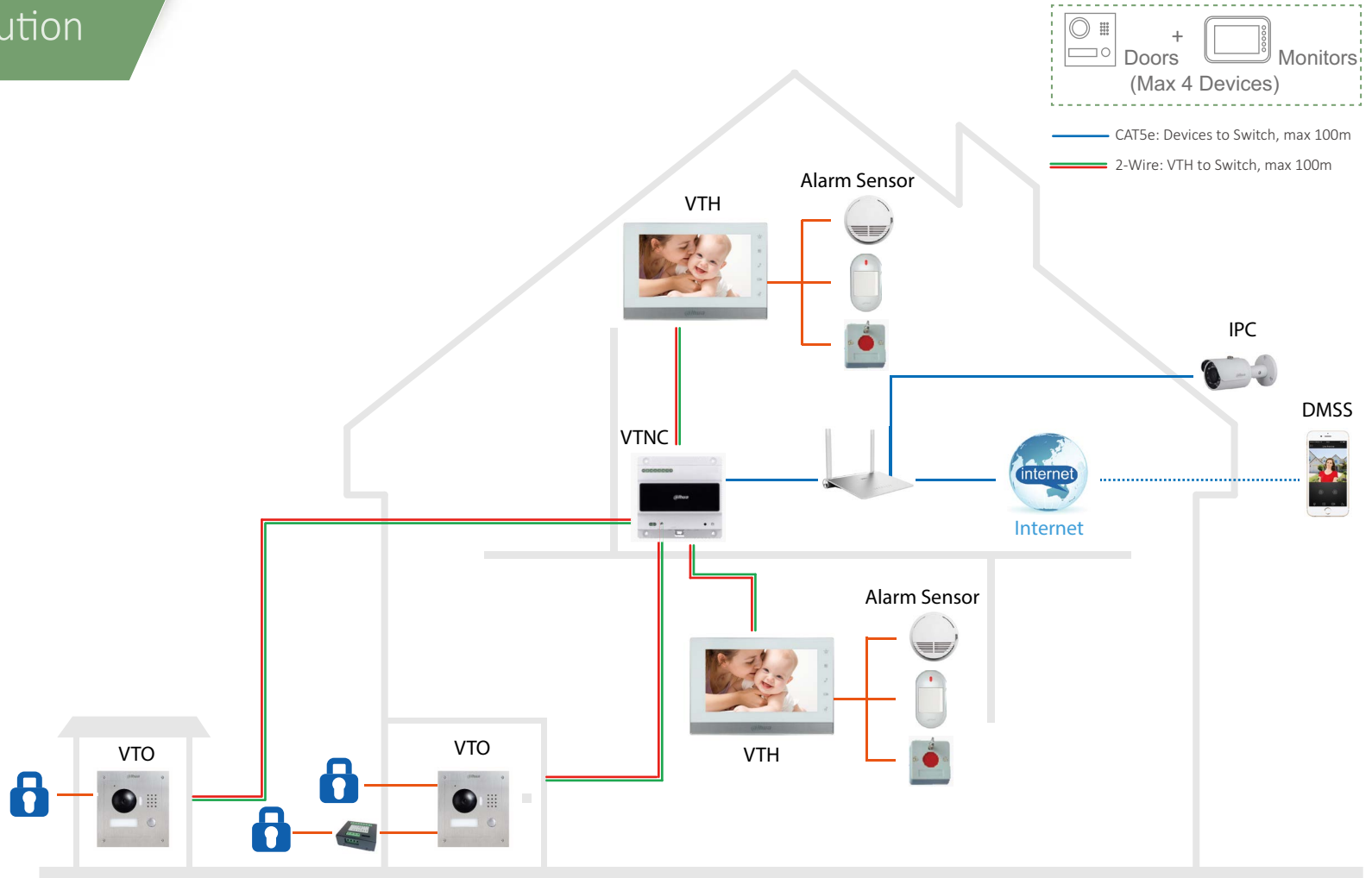
VTH1560B

IP Indoor Monitor
7" Capacitive



> 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

Villa Outdoor Station
1.3MP CMOS
IP54, IK07

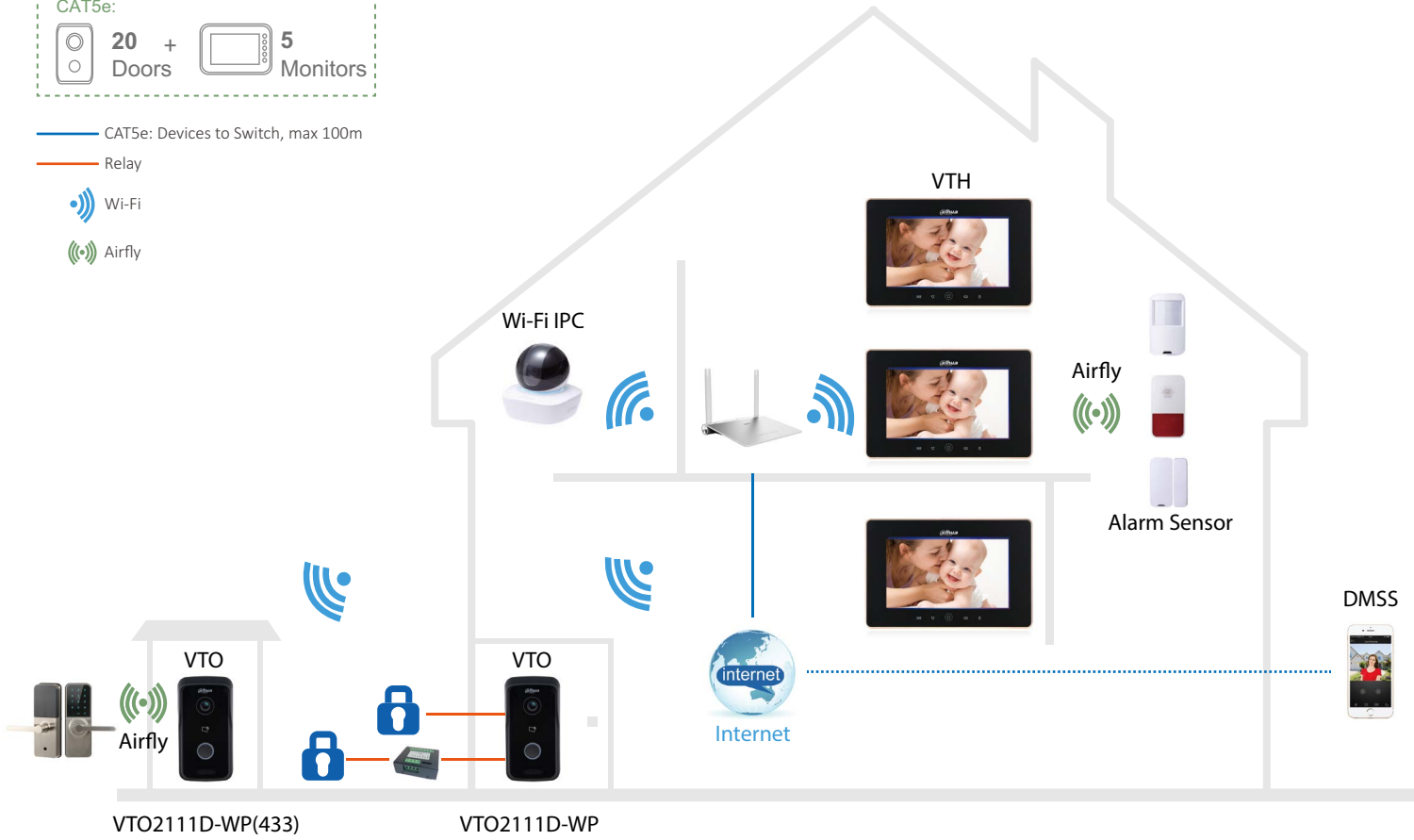


VTH1550CHW-2

Indoor Monitor
7" Capacitive

- Wi-Fi: 4 Doors + 3 Monitors
- CAT5e: 20 Doors + 5 Monitors

- CAT5e: Devices to Switch, max 100m
- Relay
- Wi-Fi
- Airfly



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



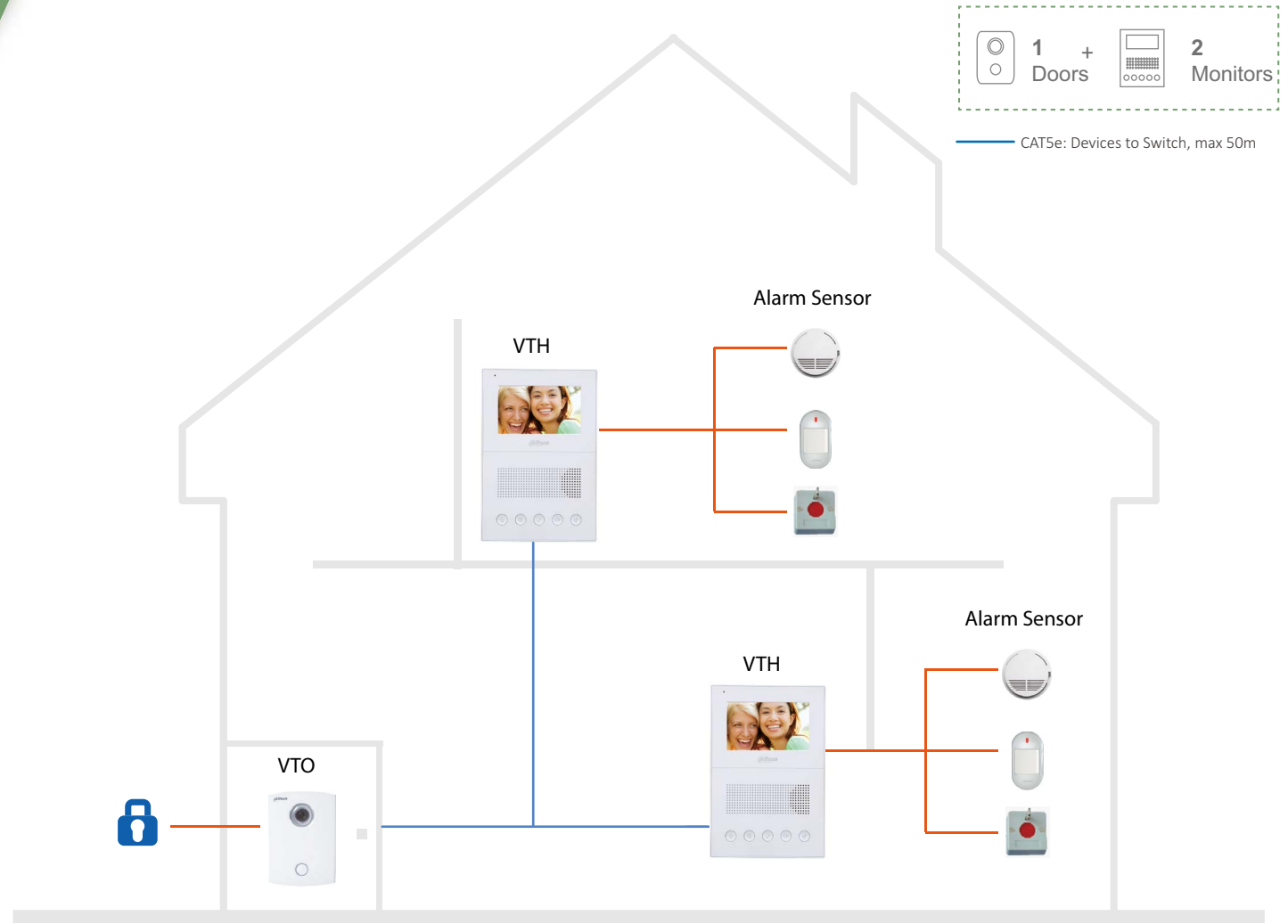
**VTO2111D-WP
VTO2111D-WP(433)**
Wi-Fi Villa Outdoor Station
1MP CMOS
IP65



VTH5221D
Wi-Fi Indoor Monitor
7" Capacitive, 1024x600

> 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



VTO5000C

Villa Outdoor Station
600 lines, IP54

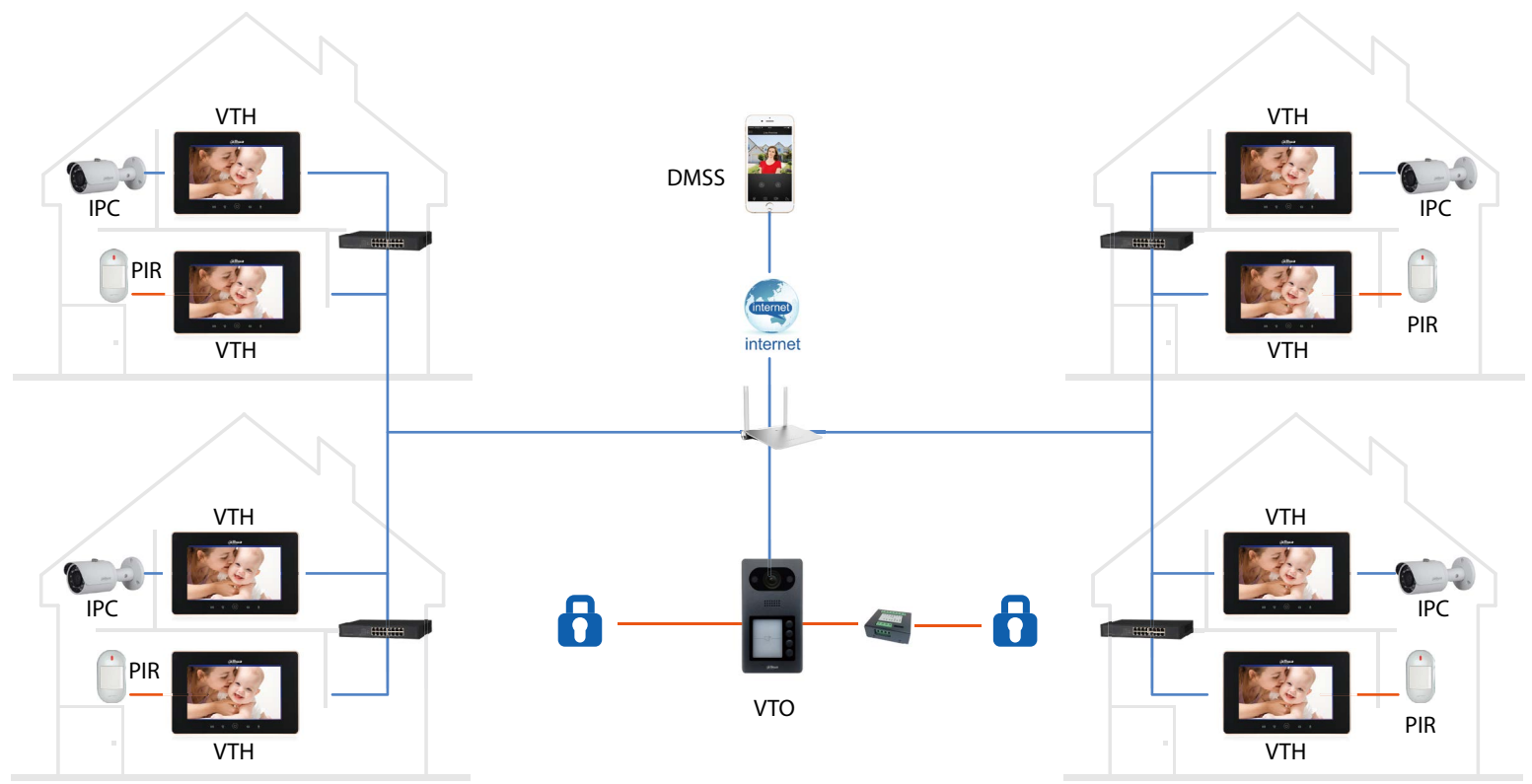


VTH1200DS

Indoor Monitor
4.3" TFT LCD










 **20 + Doors** +  **10 Monitors**

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




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 visitor or message will be missed.


Features

-  Video & Audio Calls
-  Night Vision
-  Group Calls
-  Emergency Calls
-  Remote Unlock
-  Alarm Integration
-  Video & Audio Messaging
-  IPC Surveillance
-  Mobile Application

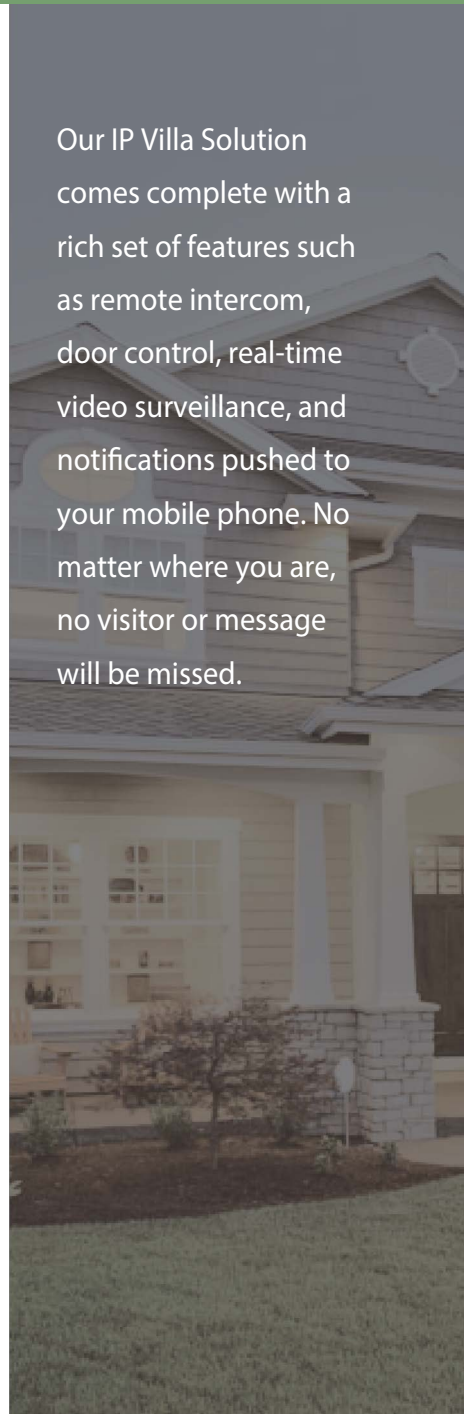
Recommended Products



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

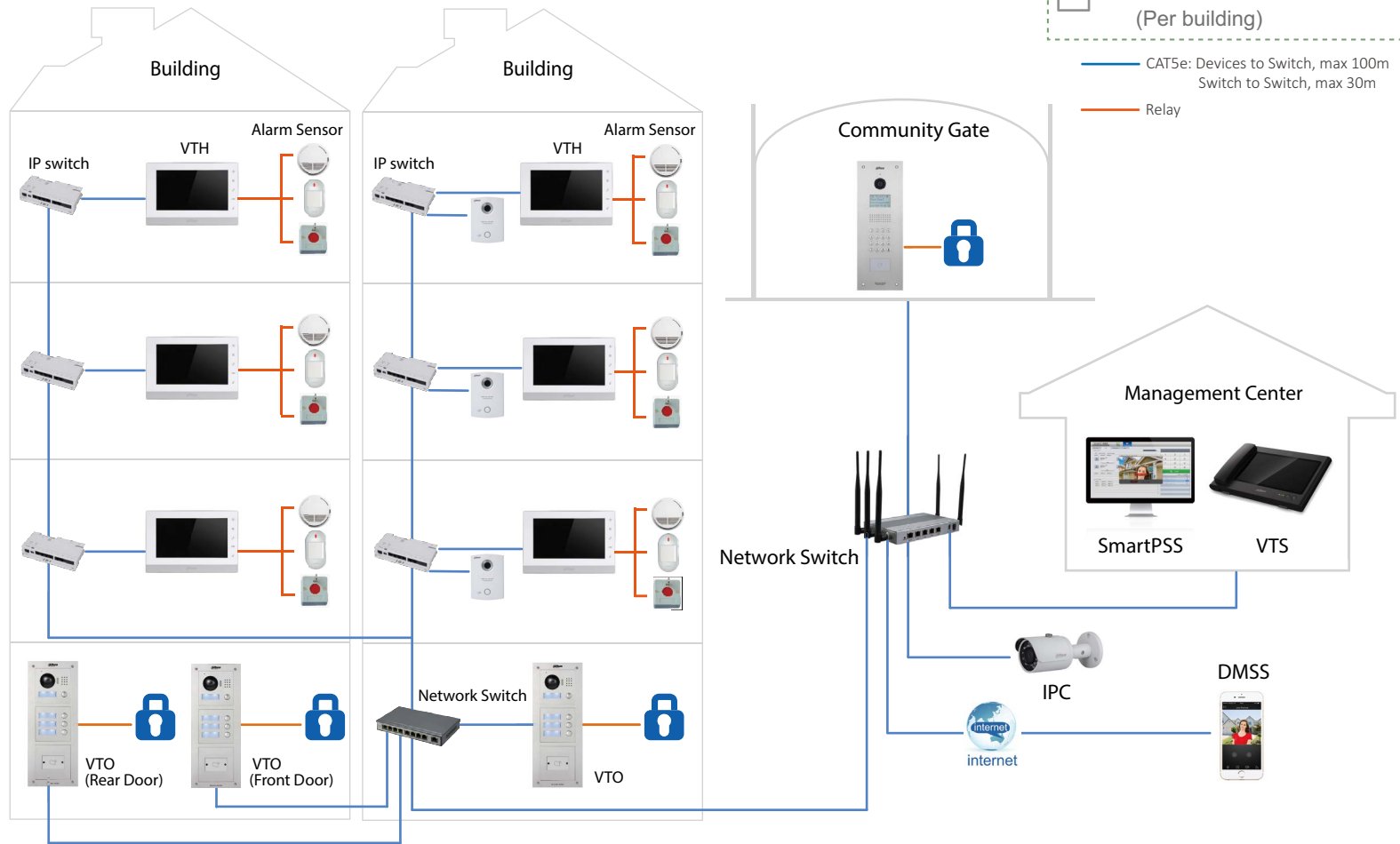


VTH5221D
Wi-Fi Indoor Monitor
7" Capacitive,
1024x600



> 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.



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

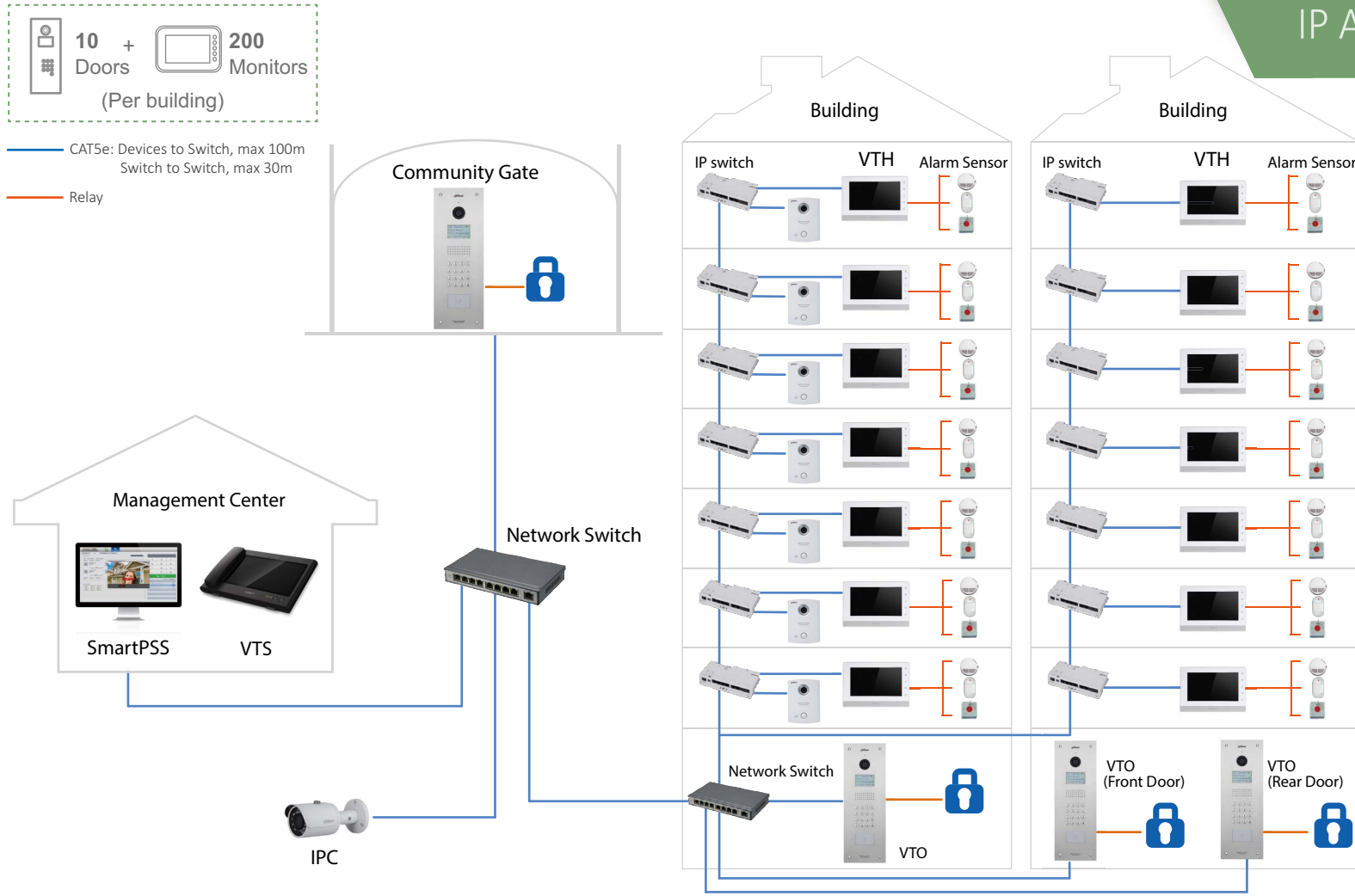
— CAT5e: Devices to Switch, max 100m
Switch to Switch, max 30m
— Relay

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

		VTO2000A-C Camera Module 2MP COMS IP54, IK07	VTO2000A-R Card Module 13.56MHz	
		VTO2000A-B Button Module IP54, IK07	VTO2000A-K Keypad Module Password	



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

Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance

Recommended Products



VTO1210C-X

Unit Outdoor Station
1.3MP COMS
IP54, IK07

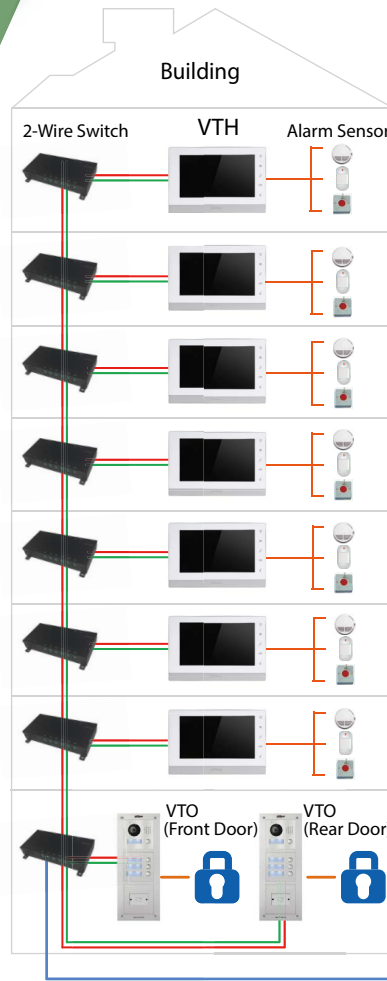


VTH1550CH

IP Indoor Monitor
7" Capacitive

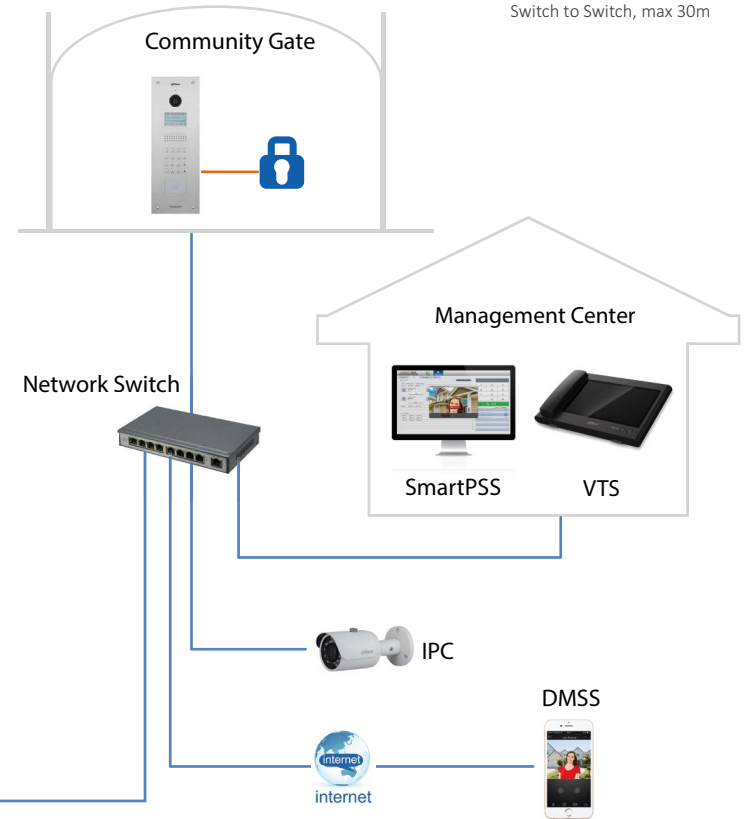
› IP 2-Wire Apartment Solution

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.



20 + 200
 Doors + Monitors
 (Per building)

CAT5e: Devices to Switch, max 100m
 2-Wire: VTH to Switch, max 100m
 Switch to Switch, max 30m



Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance

Recommended Products



VTO2000A-C-2
Camera Module
1.3MP COMS
IP54, IK07



VTO2000A-R
Card Module
13.56MHz

VTH5222CH

2-Wire Indoor Monitor
7" Capacitive

VTNS1006A-2

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

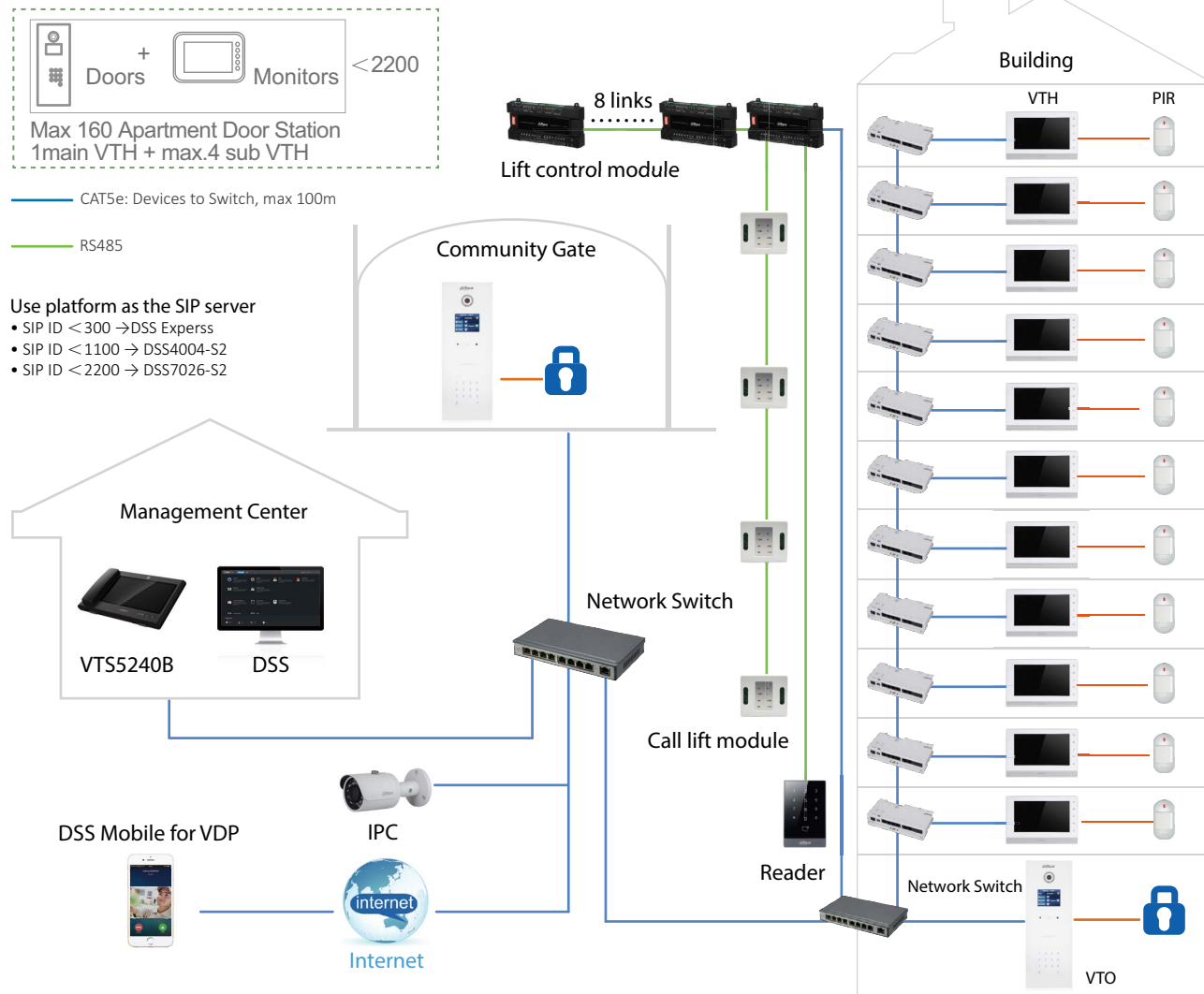


VTO2000A-B
Button Module
IP54, IK07



VTO2000A-K
Keypad Module
Password





SIP is an open and flexible intercom protocol. The Dahua SIP Apartment Solution uses SIP to provide a large system capacity with a rich selection of accessories to meet the needs of residents and management. Video and audio messages can be forwarded from indoor monitors to mobile apps for remote visitor management. DSS Express is easy-to-use and reliable VMS for single-server installation. It can extend the devices by license easily and provide the unified solution with access control, video intercom, facial recognition and ANPR for small and mid-sized projects.

Features



Video & Audio Calls



Night Vision



Group Calls



Emergency Calls



Remote Unlock



Alarm Integration



Video & Audio Messaging



IPC Surveillance



Mobile Application

Recommended Products



VTO1220BW

Unit Outdoor Station
1.3MP COMS
IP65

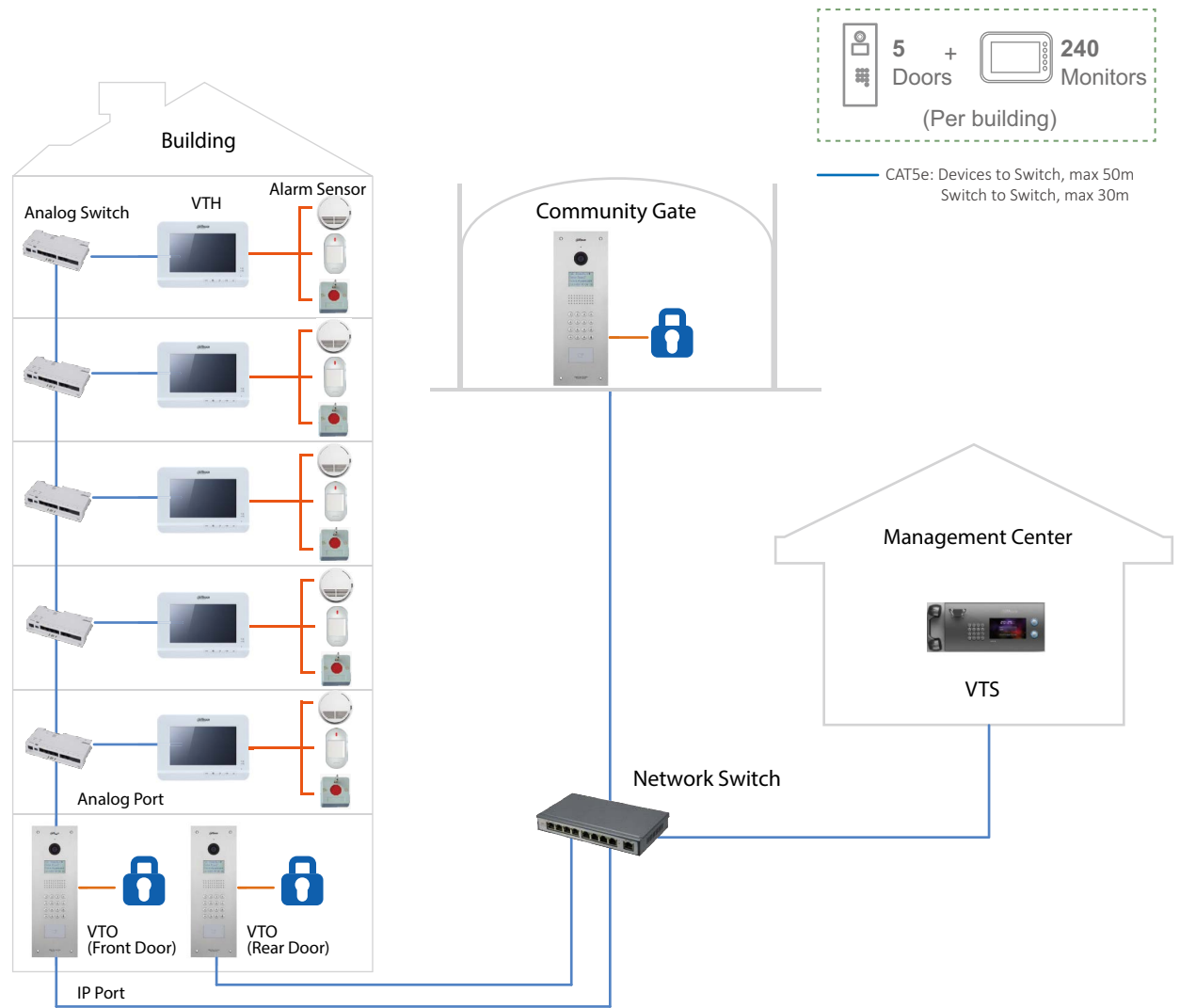


VTH1550CH

IP Indoor Monitor
7" Capacitive

> 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.



Features



Video & Audio Calls



Night Vision



Emergency Calls



Remote Unlock



Alarm Integration

Recommended Products



VTO1210C-X

Unit Outdoor Station
1.3MP COMS
IP54, IK07

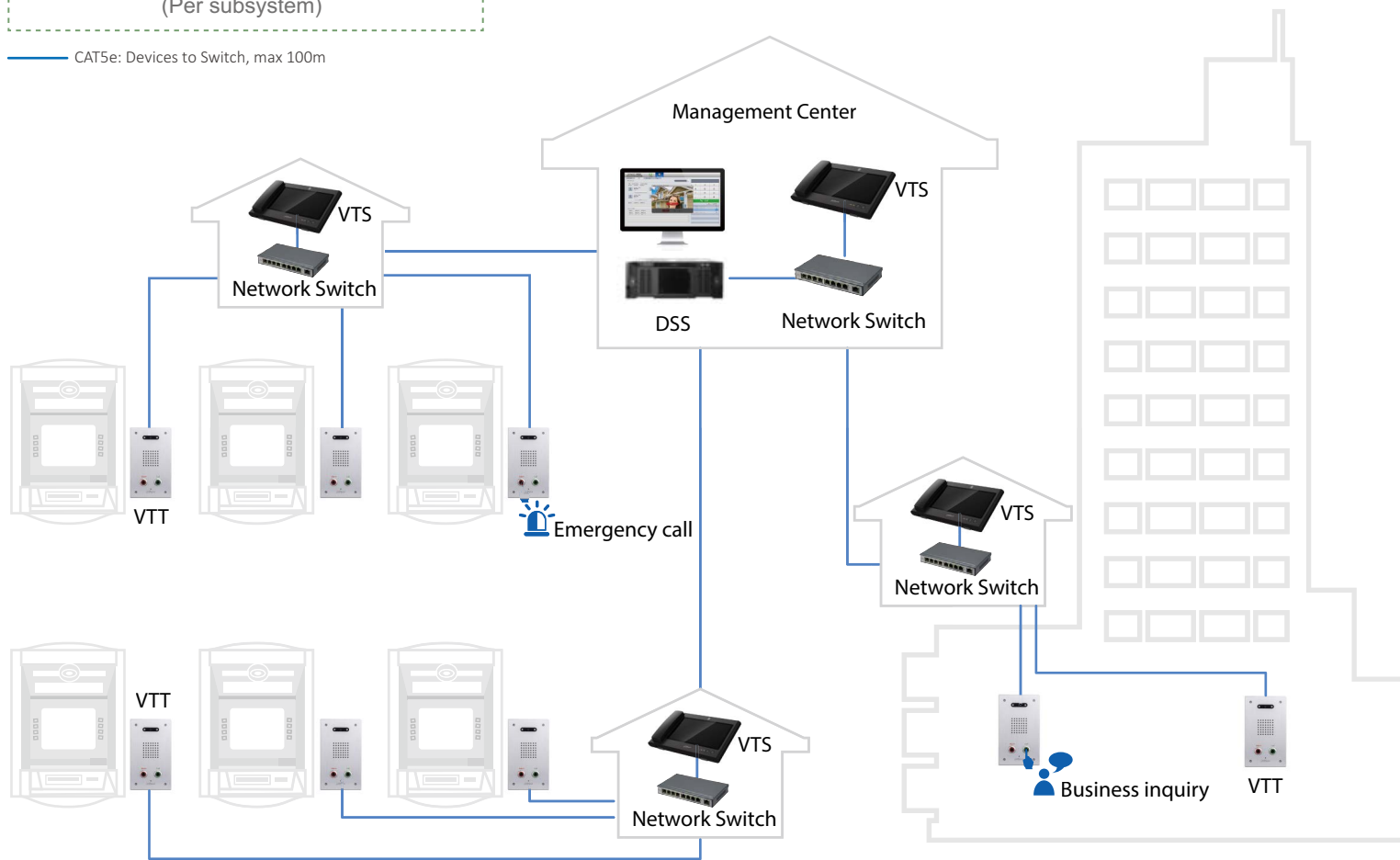


VTH2020A

Analog Indoor Monitor
7" TFT LCD

60 SOS Stations+ 2 Master Stations
(Per subsystem)

CAT5e: Devices to Switch, max 100m



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

Recommended Products



HD Video



Bidirectional Video & Audio Talk



CCTV Surveillance



Remote Monitor



Remote Broadcast



Vandal Proof



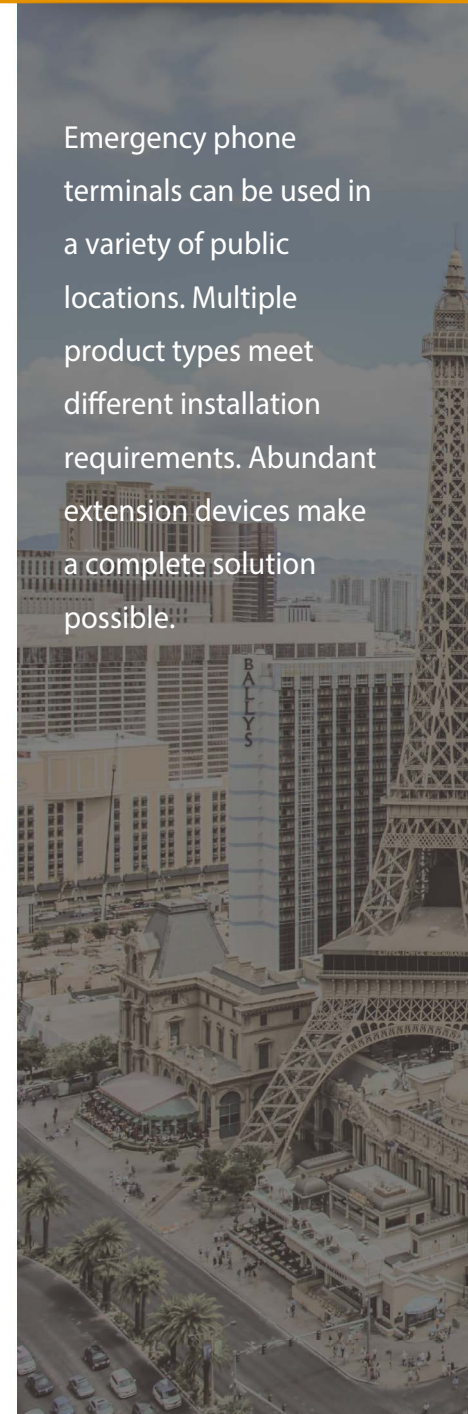
VTT201

Emergency Phone Box
1.3MP COMS
IP54, IK08



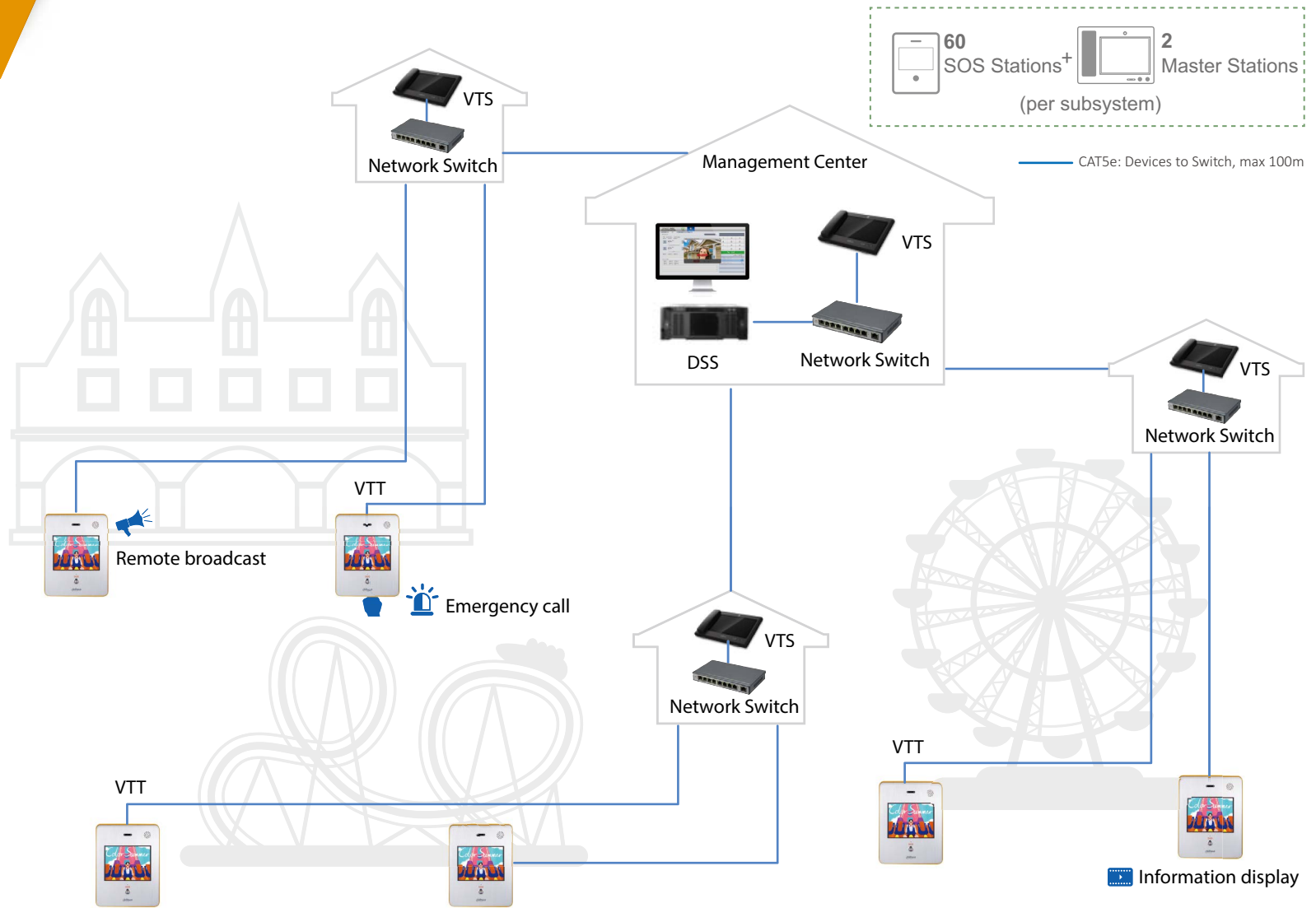
VTS8240B-CG

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



Vandal Proof

Recommended Products



VTT2610C-C

Emergency phone box
1.3MP COMS
10" Capacitive
IP65, IK10

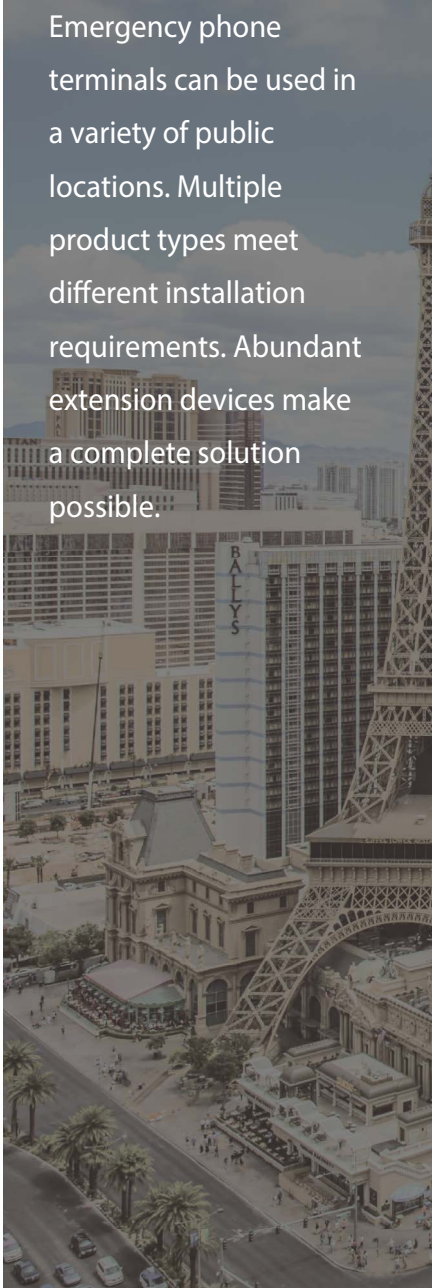
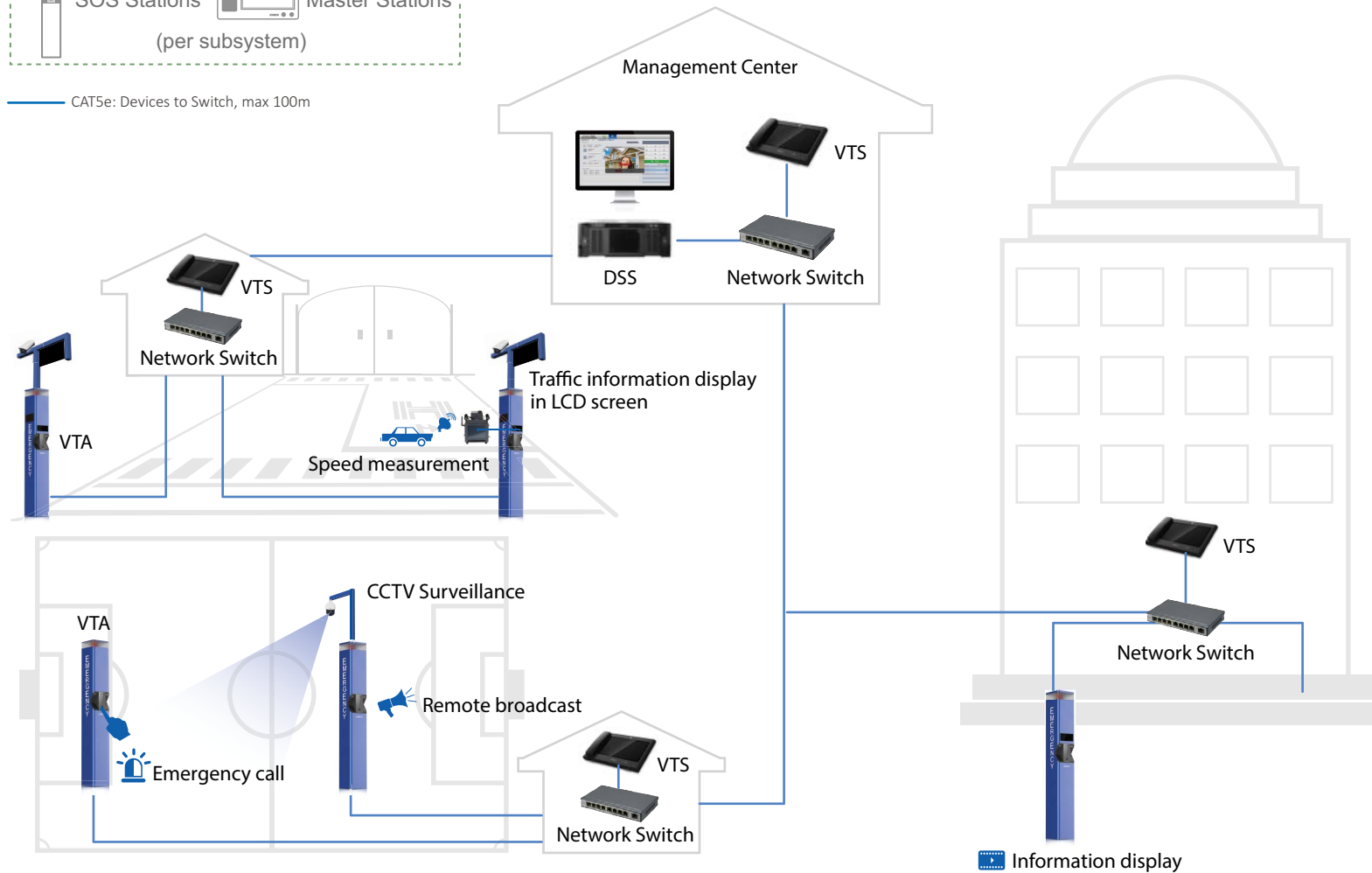


VTS8240B-CG

Master Station
10" Capacitive

60 SOS Stations+ 2 Master Stations
(per subsystem)

CAT5e: Devices to Switch, max 100m



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

Recommended Products



HD Video



Bidirectional Video & Audio Talk



CCTV Surveillance



Remote Monitor



Remote Broadcast



Alarm Lamp



Patrol



Vandal Proof



VTA8111A

Emergency phone tower
1.3MP COMS
IP65, IK10



VTS8240B-CG

Unit Outdoor Station
1.3MP COMS

ENABLING A SAFER SOCIETY AND SMARTER LIVING

Dahua USA

Tel: +1 (949) 679-7777
Email: sales.usa@dahuatech.com
support.usa@dahuatech.com

Dahua Mexico

Tel: +52 55 67231936
Email: sales.mx@dahuatech.com
support.mx@dahuatech.com

Dahua Colombia

Tel: +571 7446110
Email: sales.co@dahuatech.com
support.co@dahuatech.com

Dahua Brazil

Tel: +55 11 32511871
Vendas: comercial.br@dahuatech.com
Suporte Técnico: suporte.br@dahuatech.com

Dahua Perú

Tel: +511 500-8555
Email: sales.pe@dahuatech.com
support.pe@dahuatech.com

Dahua Chile

Tel: +56 232705421
Email: sales.cl@dahuatech.com
support.chile@dahuatech.com

Dahua Argentina

Email: project.ar@dahuatech.com

Dahua Panama

Email: sales.pa@dahuatech.com
Support: support.pa@dahuatech.com

Dahua Thailand

Tel: +66 2541 5188
Email: info.th@dahuatech.com
hr.th@dahuatech.com

Dahua Singapore

Tel: +65 65380952
Email: sales.sg@dahuatech.com

Dahua Turkey

Email: sales.tr@dahuatech.com
support.tr@dahuatech.com

Dahua Malaysia

Tel: +60376620731
Email: sales.my@dahuatech.com

Dahua Indonesia

Email: sales.id@dahuatech.com
support.id@dahuatech.com

Dahua S.Korea

Tel: +82 7081618889
Email: sales.kr@dahuatech.com
support.kr@dahuatech.com

Dahua India

Tel: +91 1244569100
Email: sales.india@dahuatech.com

Dahua Russia

Tel: 8 (499) 682-60-00
Email: info@dahuatech.com

Dahua Kazakhstan

Tel: +7 727 3110838
Email: sales.kz@dahuatech.com

Dahua UK

Tel: +44(0)1628 613 500
Email: sales.uk@dahuatech.com

Dahua the Netherlands

Tel: +31 (0) 79 799 96 96
Email: sales.benelux@dahuatech.com

Dahua Iberia

Tel: +34 917649862
Email: sales.iberia@dahuatech.com

Dahua Italy

Tel: +39 362182681
Email: sales.italy@dahuatech.com

Dahua Germany

Tel: +49 211 20544121
Email: sales.de@dahuatech.com

Dahua France

+33 1 48 53 70 53
Email: sales.france@dahuatech.com

Dahua CEE & Nordic

Tel: +48 223957400
Email: dh.cen@dahuatech.com

Dahua Poland

Tel: +48 223957400
Email: biuro.pl@dahuatech.com

Dahua SRB

+38 1 (11) 4429999
Email: dh.srb@dahuatech.com

Dahua Denmark

Email: Nordic.ne@dahuatech.com

Dahua Hungary

Tel: +36 17899852
Email: sales.hu@dahuatech.com

Dahua Bulgaria

Tel: +35929950013
Email: support.bg@dahuatech.com

Dahua SRL

Email: marketing.ro@dahuatech.com

Dahua Czech

Tel: +420 225 986 001
Email: admin.cz@dahuatech.com

Dahua S. Africa

Email: sales.za@dahuatech.com

Dahua Australia

Tel: +61 299285200
Email: sales.oc@dahuatech.com

Dahua Middle East

Tel: +971 48815300
Email: sales.me@dahuatech.com
info.me@dahuatech.com

* Design and specifications are subject to change without notice.

VIDEO INTERCOM - 01, Jan. 2019



DAHUA TECHNOLOGY

No.1199 Bin'an Road, Binjiang District, Hangzhou, China. 310053
Tel: +86-571-87688883 Fax: +86-571-87688815
Email: overseas@dahuatech.com
www.dahuasecurity.com



© Dahua Technology, All rights reserved