



Wireless Gateway Introduction and Configuration

Solution, Products, Configuration



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CONTENT









After learning this course, you will be able to be familiar with the wireless gateway.

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Products & Solution Overview







Software Support





Application | Scenario

Most of them are used in the alarm operation service industry of villas, apartments and small shops. They are growing rapidly and are rapidly replacing the traditional wired scheme.



Application | Solution



Solution Overview



Product List

Alarm host: the basic version, 2G version and 4G version have been released, but the networking mode is different. Other functions are consistent, and must be selected.
Detector: PIR, door magnet and emergency button (single button) have been released, emergency button (double button) has been released in early April, smoke detector has been released in early May, and PIRCam5 has been released at the end of May, which can be selected as required.
Module: Single input module has been released for access to wired detectors. Relay output module is expected to be released at the end of August, and can be selected as required.
Other accessories: remote control, indoor alarm, outdoor alarm and repeater have been released, keyboard will be released at the end of March, and can be selected as required.



Application | Solution

Highlight

I = -	
	It meets the EN50131 Grade 2 certification standard, and is more friendly to European operating customers (products with EN certification will be subsidized by the government after installation).
	It supports the general interface protocol SIA DC-09 in the alarm industry and is more convenient to interface with the third platform (ARC).
	Based on 433MHz and 868MHz wireless communication, it can reduce the wire material and labor cost of installation construction (reduce the installation threshold, and some countries have qualification requirements for weak current construction personnel), and improve the installation efficiency.
	The two-way communication mechanism is used between the gateway and peripherals. With cloud services, wireless devices can be remotely managed, configured, and operated on mobile apps, and the device status can be viewed. Cloud upgrades can be performed on all devices (few friends support cloud services, and they can only remotely upgrade the host at present), greatly reducing the operation and maintenance costs of alarm operation service companies.
	DMSS and COS Pro, mobile phone apps with good usability for end users and installers/service providers respectively, meet the end users' desire to control the security system, and improve the efficiency of installers/service providers in the early stage of equipment installation and configuration and in the later stage of providing alarm operation services.
	2G and 4G versions respectively support GPRS and 4G/3G/GPRS networking, realize redundant backup in networking mode, improve security, and support SMS and telephone alarm.
	It supports the interconnection and interworking applications with NVR and Android VTH, and solves the problems of linkage failure, linkage difficulty, linkage expensive, and poor linkage application experience between multiple security subsystems. It is our competitive edge against traditional alarm manufacturers.
1	

Application | Connecting NVR





- 1 After the alarm hub is added to NVR and the linkage rules are configured on NVR (which detector links which channel, and which channel's intelligent alarm needs linkage alarm signal), when the detector alarms, in addition to the linkage alarm signal, it will also link the corresponding video channel for video recording.
- (2) After the intelligent alarm event of the monitoring system is generated, the alarm signal will be linked according to the linkage rules.
- 3 When the alarm system is deployed and disarmed through the remote control, keyboard and mobile phone App, the monitoring system will also enter the deployment and disarm status synchronously.

Support firmware: Customer_XVR5x08-I3_MultiLang_AlarmHub_V4.001.1AQP000.0.T.220915.zip, Customer_NVR4x-4KS2L_MultiLang_IoT_V4.001.9992000.0.R.220805

Application | Connecting VTH





- 1 After the alarm hub is added to the VTH, the alarm system can be deployed and disarmed on the VTH, and the status information of each device of the alarm system can be viewed.
- 2 When the detector alarms, in addition to the linkage alarm signal, the information will be pushed to the VTH display record. At the same time, the VTH will pull the video stream of the corresponding IPC according to the linkage rules and save it to the local SD card.
- ③ After the intelligent detection alarm of IPC is uploaded to VTH, the alarm signal will be linked.



Third-Party Connection | By SIA DC-09 Protocol



• **Docking Method**: Based on the general docking protocol SIA DC-09 for the alarm industry, the Hub is directly connected to the third platform software.

• SIA DC-09 Protocol:

- A general network transmission protocol in the alarm industry, which is used for the alarm host to interface with the alarm receiving platform software for event transmission.
- The alarm events transmitted by the protocol have four encoding formats: SIA-DCS, * SIA-DCS, ADM-CID, * ADM-CID (with * means data is encrypted, SIA-DCS means SIA data format, ADM-CID means CID data format), and Dahua uses ADM-CID and * ADM-CID.
- AMD-CID has three transmission modes: PSTN, serial port and network. Currently, only SIA DC-09 is known based on network transmission.



Third-Party Connection | By SIA DC-09 Protocol



- Advantage: The application is mature and extensive (the alarm host and alarm receiving platform generally support this protocol), and the connection is simple and convenient (you only need to configure the IP address, service port number, and host account of the alarm receiving platform on the alarm host, and the host account is used when adding the alarm host on the platform), without adding additional workload.
- **Disadvantage:** 1. The protocol is simple. By default, only event reporting is supported. The back control (arm/ disarm) operation needs to be customized, and new applications such as image transmission cannot be realized; 2. It will increase the burden of third-party platform management device heartbeat link.
- Application: There is a public network static IP, and an alarm receiving center with servers and alarm receiving software is deployed. It is only used for simple event receiving applications.



Third Party Connection | By Converter



- Docking Method: The Hub accesses the middleware Converter directly or through the Dcloud forwarding. The Converter forwards the received event filtering to the third-party platform through the network port or serial port according to the protocol requirements of the third-party platform.
- Advantage: 1. Reduce the burden of heartbeat management and data processing of third-party platform equipment; 2. The third-party platform can save network costs by eliminating the need for public static IP; 3. It can realize more new business applications, such as image transmission and coordinate transmission.
- **Disadvantage:** It will involve the development and compatibility of some tripartite protocols, which will be maintained continuously in the later period.
- Application: Three party platform software is not all scenarios except cloud platform.

CONTENT







Debugging | Overview

- Add wireless gateway under AP mode
- Add accessories
- Check accessories status and configuration
- 2G/4G setting
- SIA protocol configuration
- APP remote arm/disarm
- Alarm notification on app
- Phone and SMS linkage
- Alarm linkage with video
- Scheduled arming/disarming
- Device sharing





Open DMSS app, register/ login the
 account. Scan the QR code on device
 or input SN manually. Initialize the
 device, set username and password.
 There we go to AP connection mode
 setting by default.

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WLAN

View help

 \leftarrow wlan





1. Connect your device to power supply, press the power button (on the back) for 2 seconds, and then wait for the indicator light to turn green.

2. Flip the DIP switch from STA to AP and the indicator light blinks blue slowly.

Tap the upper right corner to change networking.

Next

 <	Add Dev	ice
	WLAN	
	WLAN	
	AlarmStation-xxx	xx 🗎 🗢
	home-3	
	home-4	1 🗢

Please go to Wi-Fi settings of your mobile phone, connect hotspot named AlarmStation-xxxxxxx, and then return to this page.

Set

Move to the next step automatically after connection

Network acceleration	Off >
More settings	>
AVAILABLE NETWORKS	
<mark>c3-301</mark> Connected (good quality)	
D5-28553-5G Open (available)	((()
AlarmStation- 20024ENHW00005 Saved (no Internet access)	
c3-42034-hubtest Encrypted	
c3-42034-hubtest5g Encrypted	
cgltest1 Encrypted (WPS available)	
HUAWEI-YLK9UE Encrypted (WPS available)	6 🗟
HUAWEI-YLK9UE_5G	6 🗟

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\leftarrow wlan	
WLAN View help	
Network acceleration	Off >
More settings	>
AVAILABLE NETWORKS	
<mark>c3-301</mark> Connected (good quality)	a
AlarmStation-2M0024ENHW00005 Saved (no Internet access)	
AlarmStation-24200-1911	
Signal strength	Excellent
Encryption type	None
CONNECT	
FORGET	
CANCEL	

2. Set STA to AP and enter AP mode(by default), add network connection(blue light flickering in device).

3. Use mobile phone to connect hotpot of the gateway, which is named by "AlarmStation- device SN".



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<	Add Device	•••
SN:	2M009	
Ilsemame [.]		admin 🙉

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Password:

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c3-42034-hubt	est5g	ţ			
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test_C3_11952	24	₽ ŝ			
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C5_41221_dor	ighuan	₽ 🔅		Next	

4. Input device username and password.

5. Search for nearby WIFI. After

connecting to the target network,

input WIFI password.





6. Set AP back to STA on device (the indicator light becomes green (yellow) light always ON).After connecting to WIFI successfully, the light becomes green (yellow) light flickering.

7. Input username and password, add device to app, set device time district and finish.





Adding is done, the gateway will display on main interface, choose corresponding gateway to configurate and arm/disarm.



Add Accessories

1. Scan QR code or input SN manually.



Add Accessories





2. Choose the gateway to be joined for the accessories.

3. The gateway indicator changes to a blue light with quick flashes to enter the pairing mode. Turn the DIP switch from OFF to ON to enter the pairing mode. At this time, the accessory indicator becomes green light flickering (At the same time, you can double-click the gateway power button to make the gateway enter the pairing mode, skip the process of scanning the QR code to add a gateway.)

Add Accessories





4. Edit the detector name, and choose the roomthat the detector is in to finish adding accessories.The accessories will display under related gatewaywhen it's done.

2G/4G Setting

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ub123	<	Network Se	ettings		<	Cellular
hub123 >	Wired Net	work Config		>	Cellular	
>	Wi-Fi Netv	vork Configurati	on	>	Priority	
>	Cellular			>	SIM 1	
>					APN	
ı >					Auth Mode	
Shared >					Username	
Latest Version >					Password	
					Dail Number	r
					Mobile Data	Usage
						RESET STATIST
					SIM 2	
Restart					APN	
lete Device	11		1		111	0
	N 30 IDI mo 7:00 ub123 hub123 hub123 > > > > > I Shared > I Shared > Latest Version >	N 30 IDI == 7:00 5:07 (a) ub123 hub123 > Wired Net > Wi-Fi Netv > Cellular I Shared > Latest Version > Restart	Note the the the the the the the the the t	NOTION 5:07 (2) Ub123 Mub123 > Wired Network Config Wi-Fi Network Configuration Cellular I Shared > Latest Version > Restart	Not to to the matrix of the Device	NSUDI == 7:00 5:07 (a) Network Settings ub123 Network Config hub123 > Wired Network Config > Wi-Fi Network Configuration Priority SIM 1 APN Auth Mode Username Username Password Dail Number Mobile Data SIM 2 APN



1. Choose the gateway to enter device configuration page, and go to network configuration.

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Save

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2. Choose Cellular, finish the detailed dial parameters according to specific ISP requirement on site. If enable "Priority" then cellular network will be chosen as premiere.

2G/4G Setting



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<	Hub Status	< Hub Sta	atus
SM Signal Strength	al	LTE Signal Strength	
Vi-Fi Signal Strength	ି	Wi-Fi Signal Strength	
Storage Battery Status		Storage Battery Status	
Anti-tampering	-	Anti-tampering	
lain Power Status	♥ ≅	Main Power Status	
SM Connection Sta	Ð	LTE Connection Status	
Vi-Fi Connection Sta	Ð	Wi-Fi Connection Sta	
vetwork Cable Conn	Ð	Network Cable Conn	
SIM Card Status		SIM Card Status	
rogram Version	1.001.0000001.0.T.20210928	Program Version	1.001.0000000.7.R.202

After configuration is done, we can enter gateway status interface to check dial status. There are two SIM card slots. For example, we insert SIM card in slot 1, then SIM card status will show S1. GSM Connection Status will show connected after 2G dialing successfully. LTE Connection Status will be connected after 4G dialing is successful.

2G Connection – GSM 4G Connection – LTE Fig.1 gateway 2/4G dialing status

SIA Protocol Configuration



1. Enter device configuration page, enter gateway configuration and go to monitoring station.

2. Enable it, set upload events within allowed time and so on.

	N (3) 🗇 📖 7:00	10.0° (10.0° a00		図 (C) IDI (mm) 6:58	m, sall sall	10 0	6:59
< hub12	3	<	Hub Setting	1	<	Monitoring Station	Save
		Set the arming	/disarming period.	,	Enable		
Device Configuration	hub123 >	Ringtone S	etting		Preferred IP Ac	ldress	
Hub Status	>	Set the arming	/disarming ringtone that	will also be applied for	IP Address		
Hub Setting	>	LED Indicat	tor		Port		0
Time Zone	>	Disabling the L	ED indicator will stop it fi	rom lighting up for	Alternative IP A	Address	
Network Configuration	5	Phone Num	nber Management	ng statuses	IP Address		
Device Sharing	(Shared)	Those Hun	iser Management		Port		0
Cloud Update	Latest Version	Test Mode		>	IP Protocol		
oloud opdate		Cloud Servi	ice Connection	>	IP Protocol		>
		Heartbeat		>	Heartbeat Inte	rval	
		Anti-tampe	ring Speaker		Time	0Hour1Minute0Sec	ond >
		Alert with a sir	en if lid is open(hub or de	etector).	Central Accourt	nt	
		System Inte	egrity Check		Central Acc	ount	
Resta	art	If enabled, the doors, or main	system will check for any unctions to alert you befo	y open windows and pre arming	Encryption		
Delete D	evice	Monitoring	Station	>	Encryption	N	one >

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<	Monitoring Station	Sav	/e		
IP Address					
Port			0		
IP Protocol					
IP Protocol			>		
Heartbeat Interv	al				
Time	0Hour1Minute0Seco	ond	>		
Central Account					
Central Acco	unt				
Encryption					
Encryption	N	one	>		
Upload Events					
Alarms		\bigcirc			
Exceptions		\bigcirc			
Events		\bigcirc			
Arming and	Disarming	\bigcirc			

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APP Remote Arm/Disarm

4:15





::!! 5G 🔳



a hua TECHNOLOGY

1. Click to enter the wireless gateway interface, select home and away arming in the below to arm and disarm the wireless gateway globally. When the wireless gateway has system abnormalities such as tampering, battery power failure, etc., a pop-up window will appear when arming, click "arm" to force the gateway to arm.

Click the arm and disarm button in the lower right
 corner of the specific room and select the "home" or
 "away" mode to arm and disarm the room (which

APP Remote Arm/Disarm





After arming successfully, the indicator light on the gateway will turn to a steady blue light, and if the alarm gateway indicator light will turn to a red light if alarm is triggered.

Fig2. Global arm successfully Fig3. Arm/ disarm to for single room

Alarm Notification On App





- 1. Go to message to check alarm notification.
- 2. Click on the message to enter the message interface classified by date.
- 3. Click details to view the specific information

of the alarm message.

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Me

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Home



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< Hub Setting		<	Phone Number Manag	gement	Add	<	Phon	e Number Managem
Global Arming/Disarming			Swipe left to test if the phone numb	er is effective.		Phone Num	ıber	
When enabled, the home interface will display the arming/ disarming button.						If SMS notific	ation is en	nabled, you can select the su
Scheduled Arming/Disarming	>					Alarm		
Set the arming/disarming period.						Fault		
Ringtone Setting						Operation		
Set the arming/disarming ringtone that will also be applied for delay status.						If phone call r event type.	notificatio	n is enabled, you can select t
LED Indicator								
Disabling the LED indicator will stop it from lighting up for alarn exceptions and arming/disarming statuses	∩S,							
Phone Number Management	>							
Test Mode	>							
Cloud Service Connection	>					1		2
Heartbeat	>					4		5
Anti-tampering Speaker						GHI	·	JKL
Alert with a siren if lid is open(hub or detector).							s	8 тич
System Integrity Check								0
If enabled, the system will check for any open windows and doc malfunctions to alert you before arming	ors, or			_				

Number Management
Save

I
First make

I
and choose

Hub Setting.

3. Input ph

DEF 6

- First make sure gateway dialing successfully, and choose Phone Number Management in Hub Setting.
- 2. Tap Add to add new user phone number.
- 3. Input phone number and enable SMS

notification or phone call prompt if need.



11:21 -:!!! 5G 🔳 alarm station WGDAHUAI_H88888;Door open, Sensor11 in LivingRoom Time: 04-11-2021 15:44:10 WGDAHUAT_H88888:Disarmed,Livin gRoom By yyyy Time: 04-11-2021 15:44:45 Thu Nov 4 7:05 PM alarm hub's name WGDAHUAT_H88888:Armed (Out Mode), LivingRoom By yyyy user name Time: 04-11-2021 19:05:38 WGDAHUAT_H88888:Door open, Sensor11 in LivingRoom Time: 04-11-2021 19:05:45 WGDAHUAT_H88888:Disarmed,ALL ROOMS By yyyy Time: 04-11-2021 19:08:02 WGDAHUAT_H88888:Armed (Out Mode), LivingRoom By yyyy Time: 04-11-2021 19:08:15 WGDAHUAT_H88888:Door open, Sensor11 in LivingRoom Time: 04-11-2021 19:08:21 WGDAHUAT_H88888:Disarmed,ALL ROOMS By yyyy Time: 04-11-2021 19:09:54

4. After the configuration is completed and all are
enabled, a text message will be sent to the added mobile
phone number when the alarm is triggered, arming or
disarming, and system failure, as shown in Figure 5 below.
At the same time, when the alarm is triggered, there will
be a phone call to the added number.

7:16	1	ul 🗢 🗩	7:16		ul 🗢 🔳	7:16		l 🕈 🗩
<	Device Details	<	<	Device Configuration	Save	<	Device Name	Save
	alarm station	ß	Device Name	ali	arm station >	alarm station		
	Device Model: ARC3000H-FW2 Device SN: WGARC300H210199		SN	WGARC3	00H210199 🗊			
Device Co	nfia		Modify Device	Password	>			
Hub Statu	IS	>						
Hub Settir	ng	>						
General C	onfig							
Network C	Configuration	>						
Time Zone	e	>						
Device Sh	naring	>						
Device En	atrusting	>						
Cloud Upo	date	0 >						
	Restart							
	Delete							
							-	-



5. Tap the \mathscr{P} icon in the upper right corner of the gateway details interface, select Device Name to modify the gateway name and save it, return to the main interface of APP, tap "My", and modify the username.



11	:26		::!! 5G 🗖	Ð
	yejunhao			
Devic	Sharing	Batch Entrust	Export Device	ce
Ay Fi Video	les D Picture	All	ALL	>
0	Favorites			>
0	Setting			>
00	General			2
e	Tool Mana	ger		>
3	Entrusting	Service Provider		>
	Help and F	eedback		>
ß	Privacy			>
1	About			>
			0	

Username	yejunhao >
Email	724****@qq.com
Modify Password	ÿ
Delete Account	>
Export Account Information	>
After logout, account device will and it will display again after you	not be displayed in the device lis log in.
Log c	out

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vejunhao		
lo more than 3 @).	2 characters among Chinese, letters	a, and symb



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Mode),ALL R Time: 24-11-3	OOMS By yejunhao 2021 19:13:47	
alarm station LivingRoom Time: 24-11-:	:Door open, Sensor ⁴ 2021 19:14:11	11 in
alarm station By yejunhao Time: 24-11-3	:Disarmed,ALL ROO 2021 19:14:56	MS
	Today 3:11 PM	
alarm station Mode),ALL R Time: 30-11-3	:Armed (Away OOMS By yejunhao 2021 15:10:36	
alarm station LivingRoom Time: 30-11-2	:Door open, Sensor 2021 15:10:56	11 in
alarm station By yejunhao Time: 30-11-3	:Disarmed,ALL ROO 2021 15:11:26	MS
alarm station Mode),ALL R Time: 30-11-3	:Armed (Away OOMS By yejunhao 2021 15:13:16	
alarm station By yejunhao Time: 30-11-;	:Disarmed,ALL ROO 2021 15:13:28	MS
o a (Text Message	
ی 😓 🔹	9 🧆 💽	() ()
	Figure 6	5

After modifying the username and gateway name, the text message sent by the alarm linkage short message is shown in Figure 6 below. You can see that the prompt text message sent now has the gateway name changed to alarm station and the user name changed to yejunhao.



- 1. Before adding, make sure that the IPC has been connected to the public network and the P2P has been enabled (open it on IPC web). Scan the code to add an IPC according to the method of adding a gateway. After scanning the serial number, select the corresponding IPC type, enter the username and password, and set the IPC name. Tap OK and select the time zone to complete.
- 2. Open IPC setting and turn "Disable Alarm Linkage" on.





8:08		.ıti 5G 🔲							
<	Add E	Device							
Wireless Camera	Wired Camera	NVR	DVR/XVR						
IVSS	vto	Doorbell	Chime						
Access	Alarm Station	Alarm Control Panel							
Other IPC									
L 26	C 26E	F26F/F46F							
Accessory									
Keyfob	 Door Detector	, PIR	Siren						
Outdoor Siren	Relay								

8:08		📲 5G 🗩
<	Add Device	ОК
Add Mode		P2P
SN:		4M077D1YAG903C1
Device Name:		ipc
Username:		admin
Password:		×



< Time Zone (U	Time Zone						•11 5G 🔳						
Time Zone (U				0=			8= Home		8= Home		e	Q	(+)
	UTC+08:00)Beijing, Chongqing, Ho	ong K>		Liv	ve	Playback	P Door	• Favorites	Access	C Ala			
DST		\bigcirc		0	868 9 Fro	m 724****@aa.c							
DST time will be	e adjusted automatically after it is ena	abled.		0	hub'	1234 om 724****@qq.c	om.			***			
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Delete

7:32		ull 5G 🔳	7:33	
<	Sensor11		< s	ensor11
			24 H Protection Zone	
			After enabling this, alarm will be	triggered when event
	00		Home Mode	
Temporary Deactiva	ite	٦	After enabling this, alarm will be	triggered when event
Temperature		26.0°C	Delay Mode under Home	Mode
Signal Strength		att	After enabling this, the protection delay time.	n zone will be effectiv
Battery Level			Delay Time	
Anti-tampering Stat	us	On	External Detector Access	
Online Status		e	Siren Linkage	
Entrance Delay Time	e	Os	Alarm-video Linkage	
Evit Delay Time		0e	Video Channel	
Exit Delay Time		03	After selecting video channel, th recordings.	e linked video channe
Door Status			Signal Strength Detection	
24 H Protection Zor	ne Status	24	Detector Test	
Relay Status		No	Transmit Deven	
Program Version	V1.000.000000	1.0.R.20210818	Hansmit Power	1
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Automatic	>			
Latest Version	>			



3. Select detector to be linked and enter sensor setting.

4. Tap P icon in sensor details, choose Video

Channel and select IPC to be linked.







After the configuration is done, trigger the corresponding detector alarm and open the alarm message push interface, as shown in Figure 8, click on the leftmost icon of the alarm message to view the real-time IPC screen (if the IPC is inserted into the SD memory card, you can view the alarm Real-time video) as shown in Figure 9 below.

Fig.8 alarm notification push

Fig.9 alarm linkage with real-time video

11:25		; !!! 5G 🔳	11:25		11‼ 5G 🔳	11:2	26			;	11 5G	.	11:26		#‼ 5G 🔳
<	Device Details	<	<	ipc		<		Scl	hedule			<u>Ø</u>	<	Record	Save
Disable Alarm L Turn on/off the D	L inkage Disable Alarm Linkage switch	to control	> Video Detection			Sun. 00:00	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Date		Sunday
Narm Ringtone	• Setting ound of the siren, and contro	Failed to load. >	 Alarm Setting Camera Setting 			02:00							Copy	59	
in and off of the	siren. ings		Record Plan			04:00							Normal	O Motion D	🔘 Alarm
Stream Setting Custom Audio a	and Video Encryption	}	Image Adjustment		>	06:00							2 00:00 ~ 23:	59	Alarm
Device Config Audio Recordin	ıg					10:00							3 00:00 ~ 23:	59	
After it is disal audio, and the a White Light	bled, Recorded videos will udio recordings will not be sa	Failed to load, not have wed.				12:00							Normal4 00:00 ~ 23:	O Motion D	🔘 Alarm
General Config						14:00							Normal	Motion D	O Alarm
rime Zone Device Sharing		,				16:00							5 00:00 ~ 23:	59 🔘 Motion D	O Alarm
Cloud Update		Latest Version >				18:00							6 00:00 ~ 23:	59	
Others Remote Config	uration	3				20:00							O Normal	O Motion D	🔘 Alarm
Narm Output		>				22:00									



5. First, you need to insert a memory card in the IPC. Enter the IPC device details interface and select Remote Configuration. After selecting Record Plan, enter the recording plan editing interface. Click the \mathcal{P} icon in the upper right corner, and select the time to record the video from Monday to Sunday according to requirements. (The sample recording plan is set to record all time from Monday to Sunday).

11:27

::!! 5G 🔳

~

Pushed Video Delay

11:26	::!! 5G 🗩	11:27 🕇	::!! 5G 🔳	1
yejunhao		< Setting)	<
		PTZ Speed	5 >	10 s
A	E	Capture Mode	1x >	30 s
Device Sharing Batch Entrust	Export Device	NR Setting	5 >	1 Min
My Files Video, 0 Picture	ALL >	Hard Decoding		2 min
All		Pushed Video Delay	10 s >	5 min
		Default Page	Home >	
Favorites	>	Password Protection		
Setting	>			
🕹 General	>			
台 Tool Manager	>			
Entrusting Service Provide	r >			
Help and Feedback	>			
🛱 Privacy	>			
About	>			
	٠			
Sector Se	States and States			



6. Enter "My" interface of the DMSS program. Enter the Setting interface, select Pushed Video Delay, and set the alarm push message recording time. There are 5 choices: 10s, 30s, 1min, 2min, and 5min. The time here is set to the video recording time after the alarm occurs, and the pre-alarm before the alarm occurs. The recording time is a fixed 10s.







After the configuration is done, trigger the corresponding detector alarm and open the alarm message push interface, as shown in Figure 10 below, click the leftmost icon of the alarm message, and enter the message interface as shown in Figure 11, click Continue to view the alarm video.

Fig.10 Alarm notification

Fig.11 Alarm details

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Fig.12 Alarm record push duration is set as 10 secs

Ċ 0 LivingRoom, Disarmed by yejunhao Closing detected.Sensor11 in LivingRoom Opening detected, Sensor11 in LivingRoom LivingRoom, armed with malfunctions by yejunhao Unsuccessful arming LivingRoom attempt by yejunhad LivingRoom, Disarmed by yejunhao Unsuccessful arming LivingRoom

::!! 5G 📼

· 所以代表。194

Fig.13 Alarm record push duration is set as 5 mins

Here we set two examples of push duration. The push duration is set to 10s as shown in Figure 12. The alarm trigger time is 11:11:08, the recording start time is 11:10:58, and the recording end time is 11:11:18, The recording duration is 20s; the push duration is set to 5 minutes, as shown in Figure 13, the alarm trigger time is 11:31:33, the recording start time is 11:31:23, and the recording end time is 11:36:33, recording The duration is 5 minutes and 10 seconds.

Scheduled Arming/Disarming

4:19	::!! 🌫 🗩	4:25	::!! 🤻		4:25	:!!
< Hub Setting		< Schedu	led Arming/Disarming	Add	<	Add
Global Arming/Disarming					Name	
When enabled, the home interface will display the disarming button.	e arming/				Area.	
Scheduled Arming/Disarming	>				Area	
Set the arming/disarming period.					Homo	
Ringtone Setting					Away	
Set the arming/disarming ringtone that will also b delay status.	e applied for				Disarm	
LED Indicator						
Disabling the LED indicator will stop it from lightin exceptions and arming/disarming statuses	ng up for alarms,				Time	
Phone Number Management	>				Repeat	Sun Mon Tue Wed Th
Test Mode	>				Forond Arming	
Cloud Service Connection	>				Forced Arming	
Heartbeat	>					
Anti-tampering Speaker						
Alert with a siren if lid is open(hub or detector).						
System Integrity Check						
If enabled, the system will check for any open wir malfunctions to alert you before arming	ndows and doors, or					



1. Go to gateway setting and choose Scheduled

Arming/Disarming

- 2. Add scheduled arming/disarming plan
- 3. Edit the schedule name, corresponding room,
- command situation, time (or repeat by specific

time) if required.



Scheduled Arming/Disarming

4:25		::!! 🗢 🔳	4:26	iii) é
<	Area	ОК	<	Add
LivingRoom			Name	Plea
gate				
			Area	
			Command Setting	
			Home	
			Away	
			Disarm	
			Time	
			Repeat	Sun Mon Tue Wed Thu Fr
			Forced Arming	
			×	
				02
				03
				04 : 00
				05 01
				06 02

4:26	::!! 🗢 🔲
<	Cancel All
Sunday	0
Monday	0
Tuesday	0
Wednesday	0
Thursday	0
Friday	0
Saturday	0

Save

0

Device Sharing





CONTENT







FAQ

1. Why Alarm Hub is offline?

① Confirm whether the network is normal

② If the network is unstable, the ECS connection time in the gateway settings can be prolonged

2. What if the peripherals are offline?

(1) Test the signal of accessories. It is recommended that the signal strength at the installation position should be more than three bars.

② Confirm whether the gateway receives radio signal interference in the same frequency band. If the latest program receives interference, there will be a push message of RF jamming.

③ Increase the heartbeat interval and frequency of the gateway appropriately.



FAQ

3. What if fail to add the peripherals?

Check whether the models are compatible. The 868 device cannot pair with the 433 device

② Check if the equipment is the latest program

③ Confirm whether the green light of the accessory flashes to enter pairing mode, and whether the blue light of the gateway flashes quickly

④ Try pairing by double clicking the gateway power key.





4. Why I can't use keypad/ keyfob to arm the hub?

When the gateway system has a fault, it needs to be forced to deploy. You can click the deployment on the main interface of the APP to prompt which faults are there for troubleshooting.

5. Why I can't add third-party card to the hub?

Support Mifare card and IC card. If the card is encrypted, then it cannot be recognized.





6. Why I failed to take captures for PIR camera?

① There is a limit to the number of snapshots in another PIR Cam deployment cycle. The

default is 3, and the maximum is 10, which can be set.

② Try to test PIR Cam signal. PIR cam uses 2.4Ghz signal to transmit image. The distance will be shorter than that of ordinary detectors

7. After inserting SIM card, failed to dial.

① Confirm SIM dialing parameters with the operator.

(2) Confirm whether SIM card requires to set PIN code.

Download Link



1. Options Table:

https://gks1.dahuasecurity.com/de/list/30647?pagesize=30

- Product promotion materials (release PPT/Promotion/poster/video/competitive analysis/success stories)
 - <u>https://gks1.dahuasecurity.com/de/list/13189?pagesize=30</u>
- 3. Datasheet:

https://gks1.dahuasecurity.com/de/list/13179?pagesize=30

- 4. User manual/Quick Operation Manual: <u>https://gks1.dahuasecurity.com/de/list/59797?pagesize=30</u>
- 5. High definition drawing of product <u>https://gks1.dahuasecurity.com/de/list/13184?pagesize=30</u>
- 6. Technical support (software tools/configuration guidance documents/videos/FAQ):

Customer or Visitor: https://support.dahuasecurity.com/en

Dahua Employee: VPN + <u>https://support2.dahuasecurity.com/en</u>



Monday - Saturday 24 hours ready for you not satisfied with them, please feel free to share your feedback to Mr. Victor Xu (xu_xin1@dahuatech.c



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