

Title:	How to configure Alarm Center Settings	Version:	v1.1	Date:	08/22/2019
Product:	AX Series Wireless Security Control Panel			Page:	1 of 8

Preparation

1. AX Series Wireless Security Control Panel, V1.0.0 or above
2. Internet Explorer
3. Platform simulation software: Living Pattern CMS (trial version):
[ftp://hikftp.hikvision.com:400/Product%20File\(Overseas\)/20%20Alarm/Hikvision/11%20Installation&How%20to/Tool/](ftp://hikftp.hikvision.com:400/Product%20File(Overseas)/20%20Alarm/Hikvision/11%20Installation&How%20to/Tool/)

How to configure Alarm Center Settings

You can set the alarm center's parameters and all alarms will be sent to the configured alarm center.

1. Alarm Center Settings

- 1) Click **Communication Parameters** → **Alarm Receiving Center** to enter the Alarm Center Settings page.
- 2) Select a protocol type from the drop-down list, select a server address type from the drop-down list, set the **server address, Port No., and Account Code**.
- 3) If the communication need Secret Key, you can select *SIA-DCS or *ADM-CID, and configure last one Secret Key.
- 4) If the communication need Heartbeat, you can enable it and set time.
- 5) Click Save.

The screenshot displays the 'Alarm Receiving Center' configuration interface. The left sidebar lists navigation options, with 'Alarm Receiving Center' selected. The main configuration area includes the following fields:

- Alarm Receiver Center: 1
- Enable:
- Protocol Type: *SIA-DCS
- Address Type: SIA-DCS
- Server Address: *SIA-DCS
- Port No.: *ADM-CID
- Account Code: 12345
- Transmission Mode: TCP
- Retry Timeout Period: 20 s
- Attempts: 3
- Heartbeat Interval: 10 s Enable
- Encryption Arithmetic: AES
- Password Length: 128
- Secret Key: [Empty field]

A red 'Save' button is located at the bottom of the configuration area.

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2. Notification Push

When an alarm is triggered, if you want to send the alarm notification to the client, alarm center, cloud or mobile client, you can set the notification push parameters.

- 1) Click **Communication Parameters** → **Event Communications**.
- 2) Enable the target notification.

Alarm and Tampering Event Notification

The device will push notifications when the zone alarm is triggered or the device tamper alarm is triggered or restored.

Safety Event Notification

The device will push notifications when fire alarm, gas alarm, or medical alarm is triggered.

System Status Notification

The device will push notifications when any status in the system is changed.

Operation Event Notification

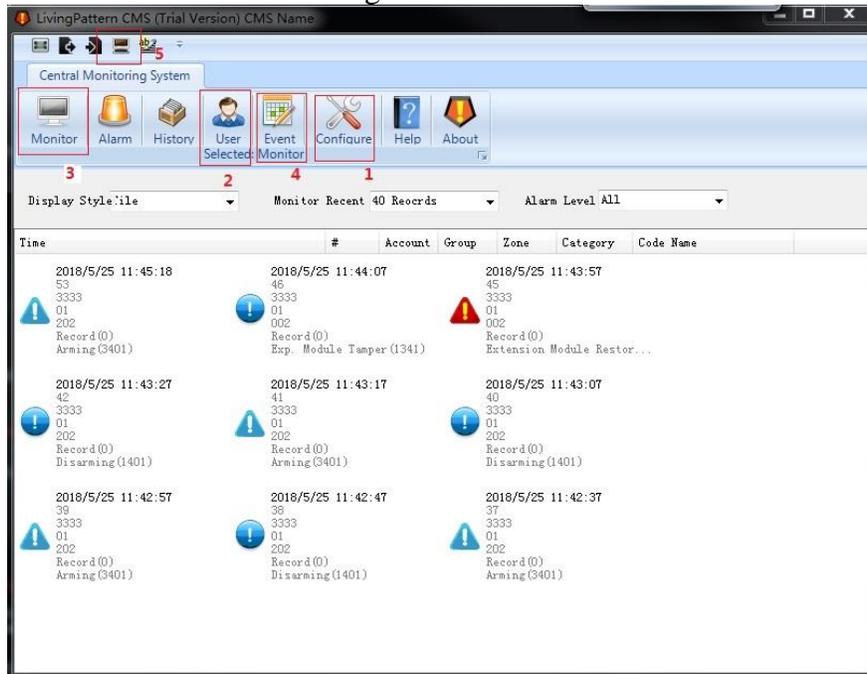
The device will push notifications when the user operate the device.

The screenshot displays the HIKVISION web interface for configuring the Alarm Receiver Center. The left sidebar contains a navigation menu with 'Event Communications' highlighted. The main content area shows the 'Alarm Receiver Center' configuration page with a dropdown menu set to '1'. Below the dropdown, there are four notification categories, each with a green toggle switch: 'Alarms and Tamperings', 'Life Safety Alarms', 'Maintenance and Faults', and 'Panel Management Not...'. A red box highlights the 'Alarms and Tamperings' category, and a red arrow points to it from the number '2'. A red arrow points to the 'Event Communications' menu item in the left sidebar, with the number '1'. A red arrow points to the 'Save' button at the bottom right, with the number '3'.

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3. Configure platform simulation software: Living Pattern CMS (trial version)

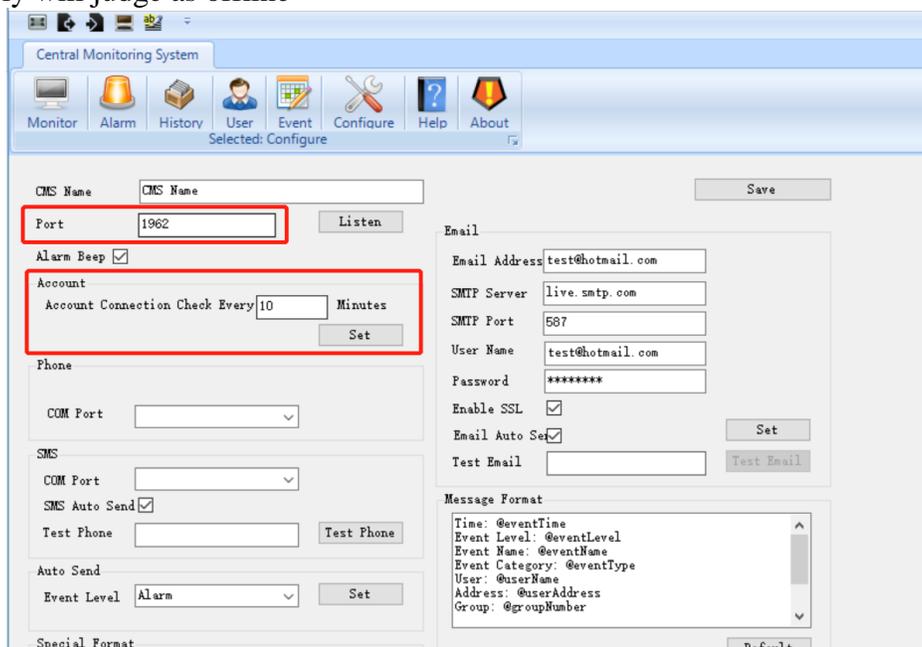
The introduction of test software Living Pattern CMS.



1) Configure interface

You need configure the interface **Port** (need to be consistent with **Alarm Center Settings**: Port No.)

Platform heartbeat, default time is 10 min, detect devices by sending package, in 10 min no reply will judge as offline



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2) User selected interface

You need configure the **Account** (need to be consistent with **Alarm Center Settings: User name**)

Account	Name	Service Grade	Active	Password	Panic Password	Phone	Addr...
3333	Mr. Elton Cartney	1	<input checked="" type="checkbox"/>	Apple pie	Bravo	28811066	100 56th Ave NE Seattle Washington USA

User Configuration Form:

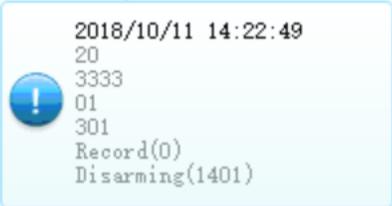
- Account: 3333
- User Name: Mr. Elton Cartney
- Service Grade: Grade 1
- Password: Apple pie
- Panic Password: Bravo
- Home Phone: 28811066
- Active:

3) Monitor interface

You can see Message Notification form **Device** to **Alarm Center**.

Time	#	Account	Group	Zone	Category	Code Name
2018/10/11 14:22:49	20	2018/10/11 14:22:39	19	2018/10/11 14:22:29	18	2018/10/11 14:22:29
3333	3333	3333	01	3333	01	3333
01	002	Record(0)	Record(0)	Record(0)	Record(0)	Record(0)
301	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Sensor Tamper(1383)	Sensor Tamper(1383)	Sensor Tamper(1383)
2018/10/11 14:22:19	17	2018/10/11 14:22:08	16	2018/10/11 14:21:58	15	2018/10/11 14:21:58
3333	3333	3333	01	3333	01	3333
01	002	Record(0)	Record(0)	Record(0)	Record(0)	Record(0)
301	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Sensor Tamper(1383)	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...
2018/10/11 14:21:07	14	2018/10/11 14:20:57	13	2018/10/11 14:20:11	12	2018/10/11 14:20:11
3333	3333	3333	01	3333	01	3333
01	301	Record(0)	Record(0)	Record(0)	Record(0)	Record(0)
301	Arming(3401)	Arming(3401)	Arming(3401)	Instant Alarm(1103)	Instant Alarm(1103)	Instant Alarm(1103)
2018/10/11 14:20:01	11	2018/10/11 14:19:50	10	2018/10/11 14:19:40	9	2018/10/11 14:19:40
3333	3333	3333	01	3333	01	3333
01	002	Record(0)	Record(0)	Record(0)	Record(0)	Record(0)
301	Disarming(1401)	Disarming(1401)	Disarming(1401)	Disarming(1401)	Disarming(1401)	Disarming(1401)

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For example:

Notification Time: 2018/10/11 14:22:49
 User name: 3333
 User number: 301(Panel) 001(Zone number)
 Category: Record
 CID code: 1401

4) Event monitor interface

As shown, this interface is used to configure different CID code correspond to alarm description, if receive CID code doesn't have correspond description of the event, it won't display in the Monitor interface.

	Code	Level	Category	Name
6	1126	Alarm	Record	Overtime Alarm
7	1129	Alarm	Record	Panic Alarm
8	1130	Alarm	Burglar	Burglary Alarm
9	1131	Alarm	Record	Perimeter Alarm
10	1134	Other	Record	Entry/Exit
11	1137	Alarm	Record	Device Tampered
12	1151	Alarm	Record	GAS Alarm
13	1301	Alarm	Common	AC Power Down
14	1302	Alarm	Common	Low Battery Voltage
15	1305	Warning	Common	Control Panel Reset
16	1341	Other	Record	Exp. Module Tamper
17	1343	None	Record	Wireless Repeater Tampered
18	1344	Alarm	Common	Wireless Siren Tampered
19	1345	Status	Record	Wireless Siren Disconnected
20	1383	Other	Record	Detector Tampered
21	1401	Other	Record	Disarming
22	1403	Other	Record	Auto Disarming
23	1406	Other	Record	Alarm Clearing
24	1441	Status	Record	Stay Arming
25	1452	Other	Record	Late O/C
26	1455	Other	Record	Auto Arming Failed

Note
 Event storage location: C:\Users\xxxx\AppData\Local\LivingPatternCMS\Data.db
 You can change the data file with old one if you don't want configure one by one.

5) Debugging interface

The interface is showed actual message notification from device, if you see noting in Monitor interface, you can use this interface to check if the platform receives data from device.

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Console Operation
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10.9.98.34 [Received Data] 74570026"NULL"0000R0L0#3333[#0000|0000 00 000]
10.9.98.34 [SIA DC-09] id:NULL seq:0 Rrcvr:0 Lpref:0 #acct:3333 pad:#0000 data:0000 00 000
10.9.98.34 [Contact ID] #Event:0000 #Group:00 #Zone:000
10.9.98.34 [Sending ack msg] fb970014"ACK"0000R0L0#3333[]
10.9.98.34 [Received Data] 819C003E"ADM-CID"0035L0000#3333[#3333|3401 01 301]_18:12:14,10-10-2018
10.9.98.34 [SIA DC-09] id:ADM-CID seq:35 Rrcvr: Lpref:0000 #acct:3333 pad:#3333 data:3401 01 301
timestamp:18:12:14,10-10-2018
10.9.98.34 [Contact ID] #Event:3401 #Group:01 #Zone:301
10.9.98.34 [Sending ack msg] c94c0015"ACK"0035L0000#3333[]
10.9.98.34 [Received Data] 071D003E"ADM-CID"0036L0000#3333[#3333|1103 01 001]_18:12:37,10-10-2018
10.9.98.34 [SIA DC-09] id:ADM-CID seq:36 Rrcvr: Lpref:0000 #acct:3333 pad:#3333 data:1103 01 001
timestamp:18:12:37,10-10-2018
10.9.98.34 [Contact ID] #Event:1103 #Group:01 #Zone:001
10.9.98.34 [Sending ack msg] 0a490015"ACK"0036L0000#3333[]
10.9.98.34 [Received Data] 91EF003E"ADM-CID"0037L0000#3333[#3333|3103 01 001]_18:12:48,10-10-2018
                    
```

IP Address
Command
Send

4. Result Show

You can see Message Notification form **Device** to **Alarm Center** when you operate.

The screenshot shows the 'Central Monitoring System' interface. At the top, there is a navigation bar with icons for Monitor, Alarm, History, User, Event, Configure, Help, and About. Below this, there are filters for 'Display Style: file', 'Monitor Recent: 40 Records', and 'Alarm Level: All'. The main area contains a table with columns for Time, #, Account, Group, Zone, Category, and Code Name. The table displays several rows of alarm records, each with a corresponding icon (blue exclamation mark for warning, red exclamation mark for error) and a description of the event.

Time	#	Account	Group	Zone	Category	Code Name
2018/10/11 14:22:49	20	2018/10/11 14:22:39	19	2018/10/11 14:22:29	18	2018/10/11 14:22:29
3333	01	3333	01	3333	01	3333
301	002	002	002	002	002	002
Record(0)						
Disarming(1401)	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Sensor Tamper(1383)	Sensor Tamper(1383)	Sensor Tamper(1383)
2018/10/11 14:22:19	17	2018/10/11 14:22:08	16	2018/10/11 14:21:58	15	2018/10/11 14:21:58
3333	01	3333	01	3333	01	3333
002	002	002	002	002	002	002
Record(0)						
Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Sensor Tamper(1383)	Sensor Tamper(1383)	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...	Restore Sensor Tamper(3...
2018/10/11 14:21:07	14	2018/10/11 14:20:57	13	2018/10/11 14:20:11	12	2018/10/11 14:20:11
3333	01	3333	01	3333	01	3333
301	301	301	301	002	002	002
Record(0)						
Disarming(1401)	Arming(3401)	Arming(3401)	Arming(3401)	Instant Alarm(1103)	Instant Alarm(1103)	Instant Alarm(1103)
2018/10/11 14:20:01	11	2018/10/11 14:19:50	10	2018/10/11 14:19:40	9	2018/10/11 14:19:40



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