ALM Alarm Series
Quick Install Guide

Watchguard™

ALM-Q124

1.0 Pre-Installation

Thank you for purchasing this ALM Alarm Series.
This install guide covers basic setup, installation and use of your surveillance system.
For a complete user manual, detailed product information & warranty details, please visit:
www.c5k.info and search for **ALMKIT-D1**

1.1 Pre-Installation Safety Information

Before connecting your ALM Alarm, please ensure the following safe installation guidelines are adhered to.

- Do not place cords from the alarm where they can be pinched or stepped on.

- Do not place heavy objects on cords, or cover cords with rugs or carpet.

- Do not expose the alarm to excessive heat or moisture.

- Leave at least 50mm of space between the alarm and other objects to allow ample air circulation.

- Never immerse any component in water and do not spray cleaners or solvents on the alarm.

- Shut down and unplug the alarm before cleaning. When cleaning, use a damp, lint-free cloth only.

- Service of your alarm should only be handled by qualified technicians.

1.2 System Topology

The following section will detail installing the ALM Alarm with wall mounting. It is recommended that alarm and connections are tested before mounting. If faced with any issues or faults please see the **Troubleshooting** in Section 5 in this guide.

1.2.1 Alarm Hub Checklist

1x Alarm Hub

1x Ethernet cable

1x Adapter

1x Quick start guide

1x Legal and regulatory information

1x Screw package

1x Wire fixing clamp

1.2.2 Kit Extras

1x Wireless PIR detector (ALM-PIR)

1x Wireless door detector

1x Keyfob
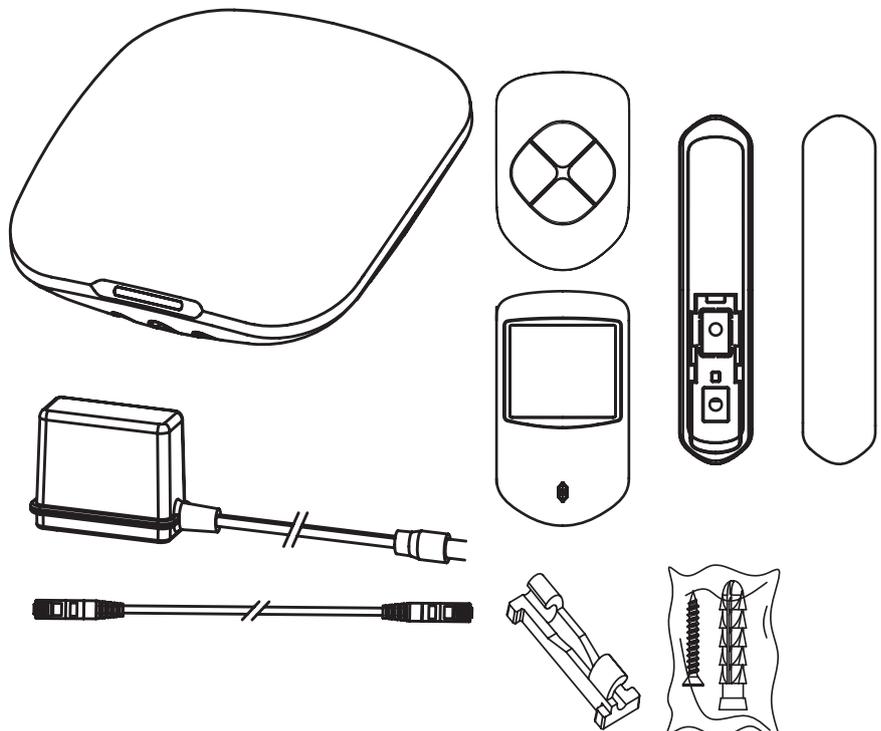
1.3 ALM Rear Panel & Setup Diagram

Rear Panel
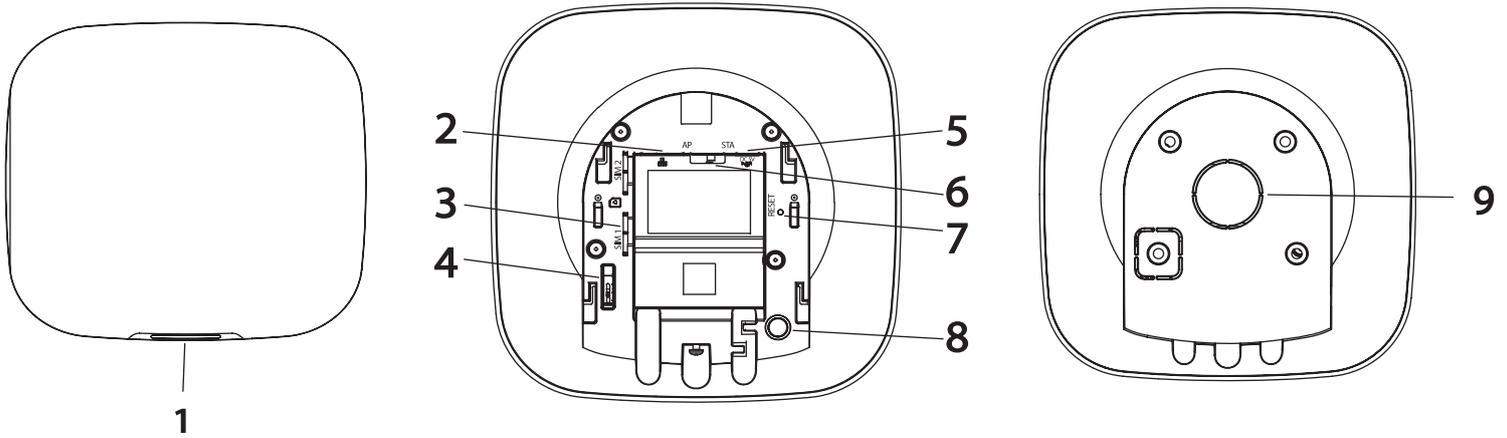
No.	Part:	No.	Part:
1.	Indicator	6.	AP switch
2.	Ethernet cable socket	7.	Reset switch
3.	Slot for micro SIM 1/2	8.	Power switch
4.	Tamper switch	9.	Back Power
5.	Power cable socket		

Alarm Structure
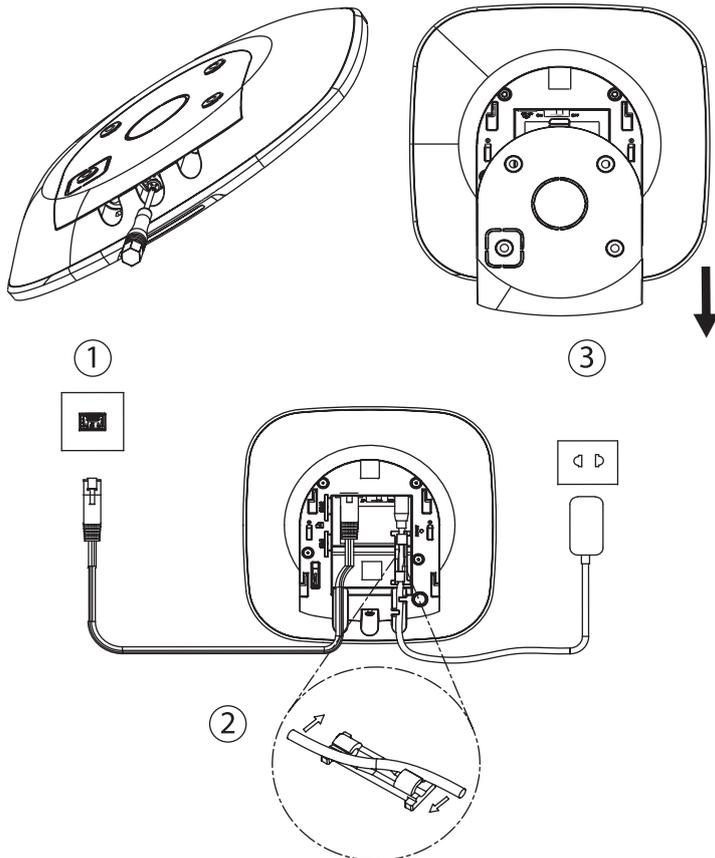
Wall Mounting Process
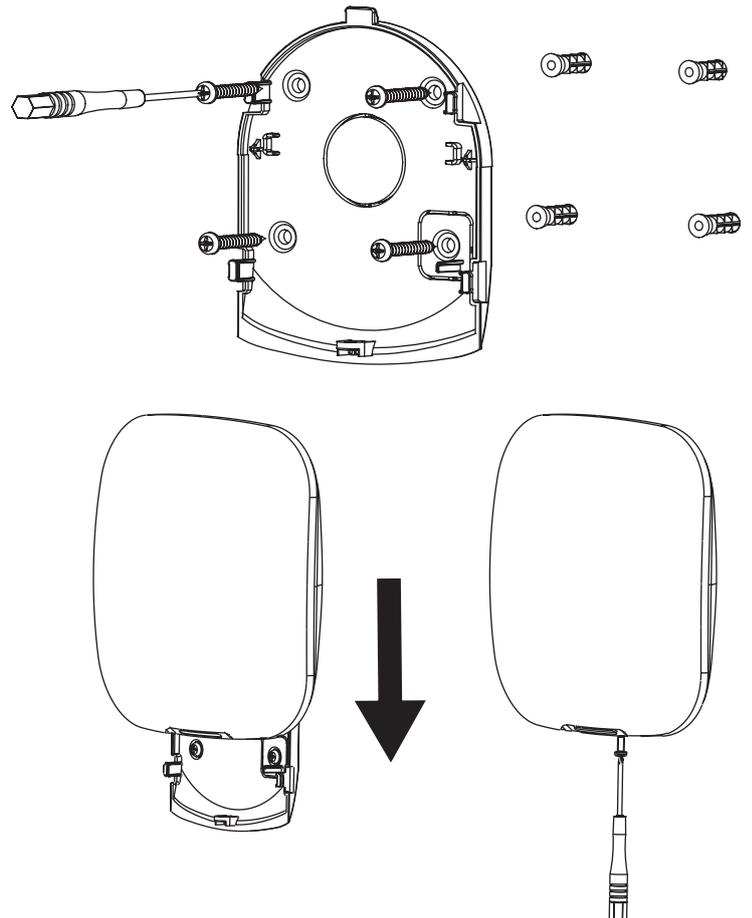
2.0 First Time Setup

2.1 Connecting Power

Plug in the adapter provided with the alarm hub and connect the hub to the Ethernet.

2.2 Inserting SIM Card

Remove the cover on the back of the hub and slide a 4G SIM card into one of the 2 slots to the left of the ethernet port.

2.3 Creating a DMSS Account

1. If DMSS isn't already installed on your phone, search for "DMSS" in the App Store or Google Play Store and install the app. If already installed, make sure that you have installed the latest version of the app.

2. On your phone, tap to start the app.

3. If you already have an account with DMSS, skip to Step 9, otherwise,

4. Follow through to the next step.

5. On the Login screen, tap Sign up.

6. Enter your email address and password.

7. Read the User Agreement and Privacy Policy,

8. Check the "I have read and agree to" checkbox.

9. Tap Get verification code, check your email box for the verification code,

10. Enter the code. The code will become invalid after 60 seconds of receiving it.

11. Tap OK.

12. On the Login screen, enter your email and password, then tap Log in.

You can modify the password by pressing Me at the bottom of the screen, then the bar with your profile picture at the top, and tapping Modify Password.

NOTE: *Screenshots have been edited for legibility in print.*
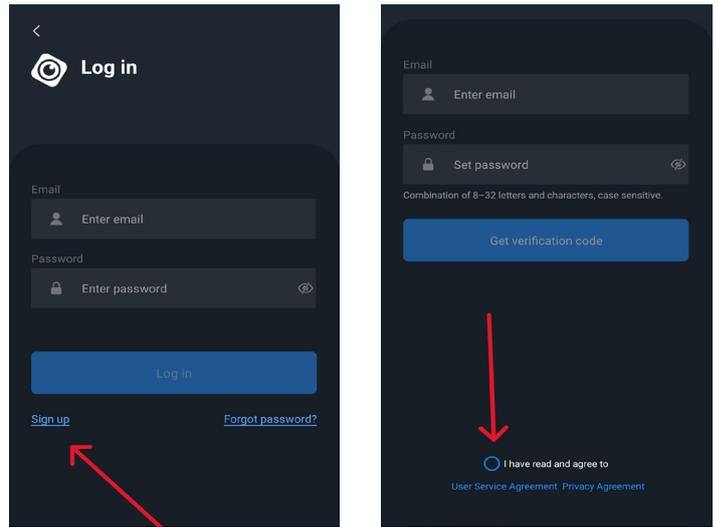
Fig. 1: Login / Sign up Process
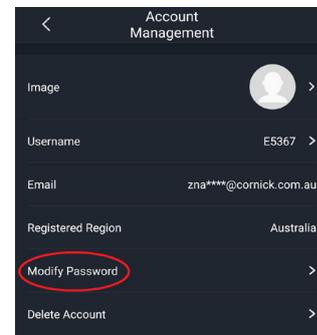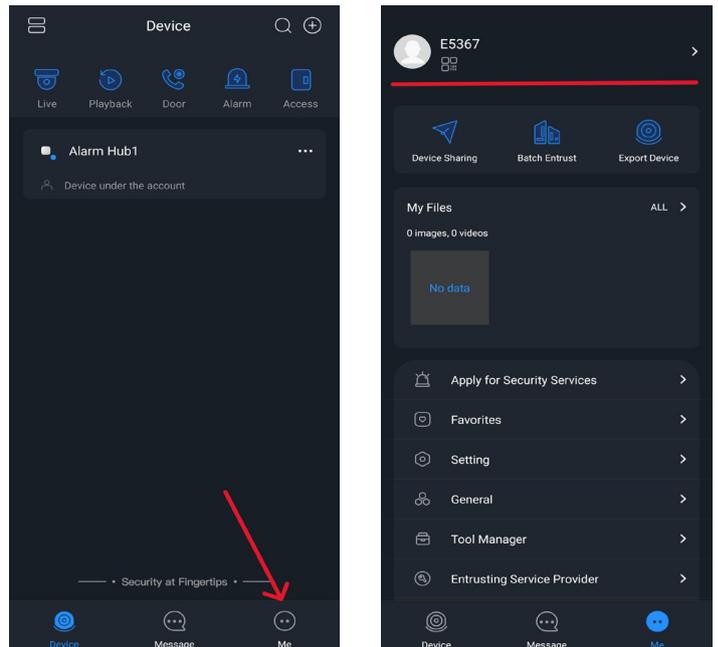
Fig. 2 : Modifying Password

- On the Device screen, tap the plus button in the top right corner and select SN/Scan. **(Fig. 2)**

- Adding a device.

Scan the device's QR code directly or import the picture of the QR code by tapping photo icon in the top right corner, then tap Next. In the case of the alarm hub, the QR code is located on the back, under the cover.

OR

Tap Manually Enter SN, then enter the device's serial number to manually add a device, then tap Next.

- Enter the device's security code if it has one, then tap Next.

- If given options of types of devices, select the type of device you are adding and tap Next. Otherwise, if the system identifies the device type automatically, follow through to the next step.

- Using the 3 dots in the top right corner, change the device's network configuration method depending on how you would like to connect to the device.

- On the Add Device screen, customise the device name, set the username and password of the device, and then tap Next. **(Fig. 2.1)**
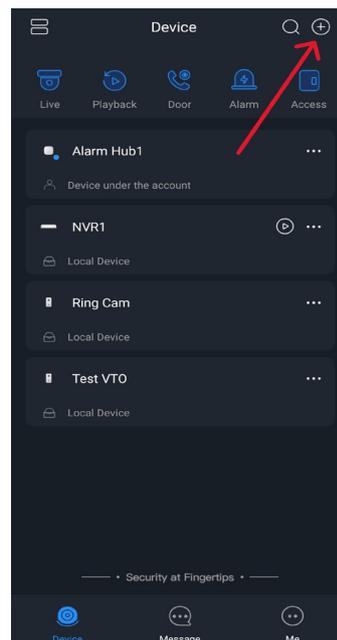
Fig. 2: SN/Scan
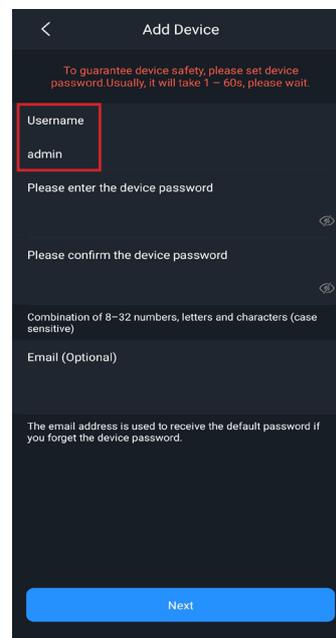
Fig. 2.1: Customise Device name

NOTE: *Screenshots have been edited for legibility in print.*

- Configure network settings. **(Fig. 2.2)**

    1. On the Add Device screen, tap Select Network Config Type.

    2. Select the network types you want to configure.

    Wired Network: If connected via Ethernet, enable the DHCP function, or manually enter the IP address, subnet mask, gateway, DNS and MAC address to be in the same range as the network.

    Cellular: Configure the APN. Auth mode, username, password, dial number, roaming, data and PIN for the SIM card.

    Wi-Fi: Select a Wi-Fi network and then enter the password to connect to it.

- Follow the instructions shown, depending on the network configuration method you chose.

- Enter a name for the device.

- Tap Save

- Choose a time zone and tap Done.
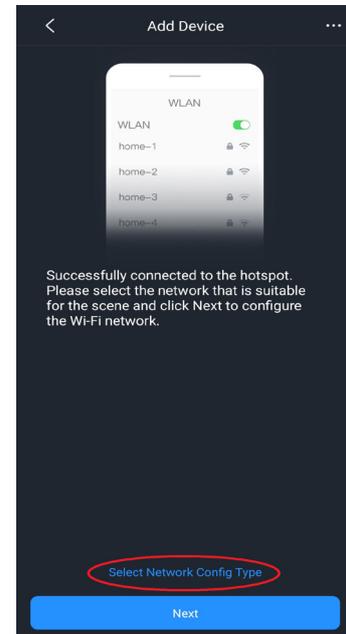
Fig. 2.2 : Configure network settings

4.0 Using the App

4.1 Sharing Alarm Use

- On the Device screen, tap the 3 dots in the top right corner of the device you want to share. **(Fig. 3)**

- Tap Device Sharing, then enter the DMSS account of the user you want to share to or take a picture of their QR code. The account that you shared the device with will appear on the Shared User section of the Device Sharing screen.
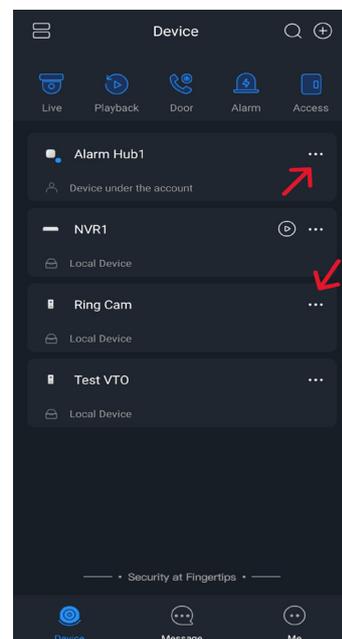
Fig. 3: Device Share

4.2 Using the Hub's Functions in DMSS

Arming and Disarming:

1. On the Device page, select the alarm hub you want to change.

- Home arming: Arm the system when inside the area of the alarm. This secures the perimeter of your home or business while allowing you to move freely within the building without tripping any alarms To enable, tap any of the 2 buttons shown **(Fig. 3.1)**

- Away arming: Arm the system when you leave the area of the alarm hub. This is used when no one will remain inside the premises. The entire system (interior and perimeter) will be armed and interior movement will trigger the alarm. To enable, tap any of the 2 buttons shown **(Fig. 3.2)**

- Disarming: Turn the security system off. The opposite of arming. This completely disables the alarm, allowing for free movement around and inside of the perimeter without triggering the alarm. To enable, tap any of the 2 buttons shown **(Fig. 3.3)**
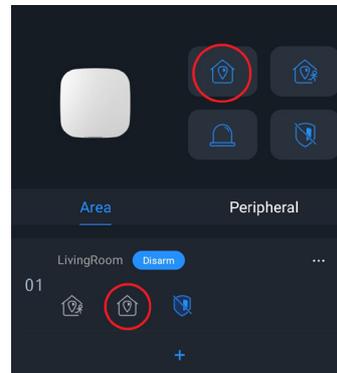
Fig. 3.1
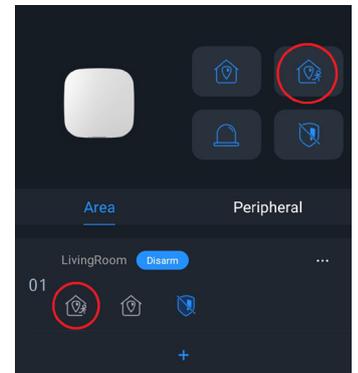
Fig. 3.2
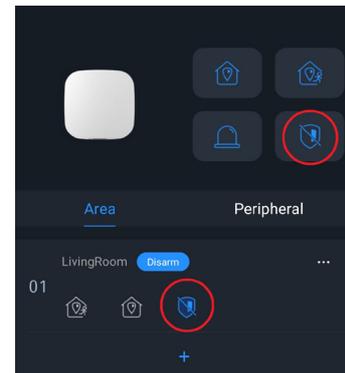
Fig. 3.3

4.3 Viewing Logs

In the Device page, tap Message at the bottom of the screen. All logs will be shown here. **(Fig. 3.4)**

4.4 Getting Notifications

- In the Device page, tap Me at the bottom of the page.
- Select General.
- Tap the switch next to Notification to what you would like and set the Period settings to what you prefer. Make sure that notifications for DMSS are enabled in your phone's settings.
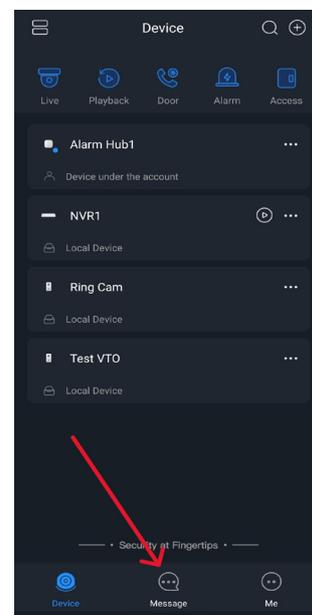
Fig. 3.4 Viewing Logs

4.5 Connecting CCTV Cameras to the Alarm Hub

- On the alarm hub screen, tap Peripheral, and then tap +. **(Fig. 3.5)**

- Select Add IPC.

- Add an IPC to the hub.

Manually add:

1. Configure the device name, IP address of the IPC, port number, username, and the password of the IPC, and select the area where the IPC is assigned to.

2. Tap Save.

Online search:

1. Tap the plus icon to search for the IPC in the same network range.

2. Tap Next.

3. Enter the password of the IPC and select the area where the IPC is assigned to.

4. Tap Save.
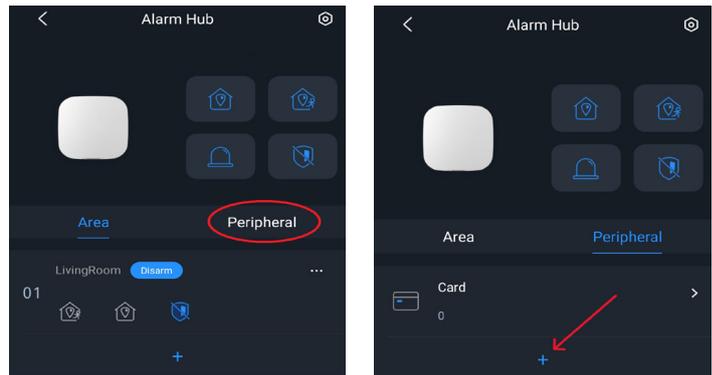
Fig. 3.5 Connecting CCTV Cameras to the Alarm Hub

4.6 Connecting Other Peripherals to the Alarm Hub

1. On the alarm hub screen, tap Peripheral, and then tap +.

2. Select Add Peripheral.

3. Scan the QR code of the peripheral you want to add or manually enter the serial number using the button labeled Manually Enter SN at the bottom.

4. Enter the security code of the peripheral if it has one, otherwise, tap Next.

5. If prompted to, select the type of peripheral that you're adding, then tap Next, if not, then follow through to the next step.

6. Change the name of the peripheral as you see fit and, if necessary, change the Area field to the area it is used for.

7. Tap Next.

8. Follow the instructions shown, then tap Next.

9. Tap Done.

5.1 Factory Reset

The reset button is located at the back of the hub, under the cover, labelled RESET. Press and hold the button for 10 seconds to restart the hub and restore factory default settings.

5.2 Fault Check Notifications

- Main Power Failure: Enable by default. After disabling, when the main power of the hub fails, the hub will not indicate and notify.

- Alarm Hub Tamper: Enabled by default. After disabling, when the lid of the hub is open, the hub will not indicate and notify.

- Connections to Cloud Platform: Enabled by default. After disabling, when the connection between the hub and cloud platform is abnormal, the hub will not indicate and notify.

- Wired Network and Wi-Fi Errors: Enabled by default. After disabling, when the wired network and Wi-Fi of the hub fails, the hub will not indicate and notify.

- Cellular Network Errors: Enabled by default. After disabling, when the cellular network of the hub fails, the hub will not indicate and notify.

- RF Jamming: Enabled by default, After disabling, when the hub detects RF jamming, the hub will not indicate and notify, but the event can be viewed in the log.

5.3 Indicator Light Descriptions

- Solid Yellow - Failed to connect to the cloud.

- Solid Green - Disarming mode.

- Solid Blue - Arming mode.

- Flashes Red - Alarm event was triggered.

- Flashes Yellow - Detected a malfunction.

- Flashes Blue - Running AP configuration or the Hub is pairing with peripherals.

- Flashes Green - The Hub starts working

- Flashes Green Slowly - Reduced sensitivity mode.

- Flashes Blue Slowly - Card issuing mode.

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See **www.c5k.info** for more information.