



Automatic Medication Dispenser

(WMD1201)

User Manual

Version 1.1

First Edition (11/17/2016)

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Chapter 1. Introduction

Automatic medication dispenser reminds the user to take their medications with visual and auditory alerts. It features locking function with the dispenser and allows you remotely programme up to 4 to 6 times a day, 7 days a week schedule. When it is time to take pills, the LED will flash and the pill dispenser will beep. Meanwhile, the users will receive a notification on their smartphone, if the user still has not taken their medications in 8 minutes. Our system will send another notification with a 30-second video clip to users if there is a camera connected the system.

Key features and specifications of the device:

- Works with all Home8 systems
- Self-configuring and easy installation
- In-app push notifications
- Built-in siren as reminder for medicine intake
- 28 pill cartridges
- Programmable scheduling for up to 6 times a day
- Medicine activity tracking report
- Overdose-preventative lock mechanism
- LED indicator
- Travel mode

1.1 System Requirement

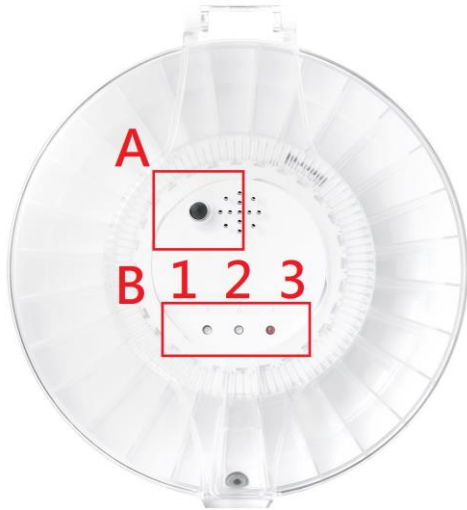
This section explains the system requirement when using the sensor.

Network	Router with <ul style="list-style-type: none">- 10/100Mbps RJ45 LAN port- DHCP service
Mobile Device	An Apple iPhone, iPad, or Android mobile device with: <ul style="list-style-type: none">- iOS (version 8.1 above)- Android (version 4.1 above)

* See Appendix – Glossary of Terms.

Chapter 2. Hardware Overview

This section provides an overview of the Automatic Medication Dispenser



A. Sync button

B. LED

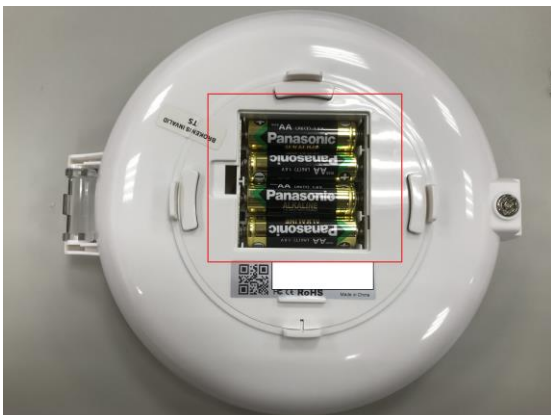
1 : Wi-Fi signal strength

2 : Wi-Fi connection status

3 : Activity and status



QR Code



Battery

Chapter 3. Automatic Medication Dispenser Setup

3.1 Power on the Dispenser

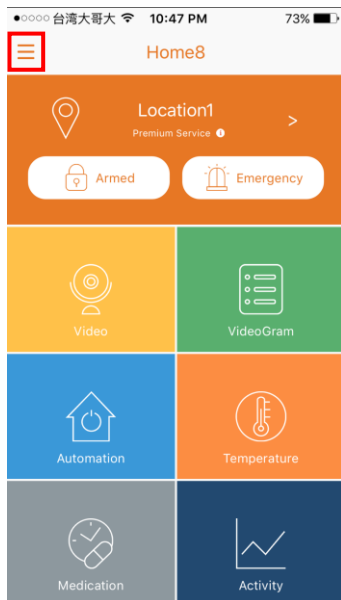
Please install the batteries first. LED 2 will turn on and LED 3 will blink every second. It is suggested to activate the dispenser near the OPU/Shuttle for easier communication.

3.2 Adding the Dispenser to the System

Before you begin using the sensor, please add the device to the system first. see below. To activate the sensor, complete the following steps.

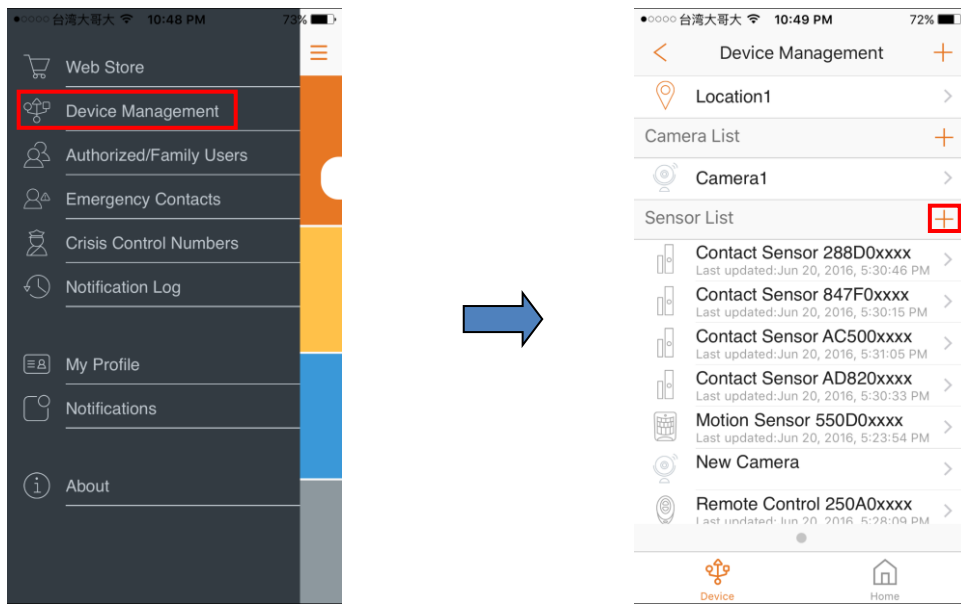
Make sure the Security Shuttle is powered on and connected to your router.

1. Tap the menu icon  to show the sidebar menu.

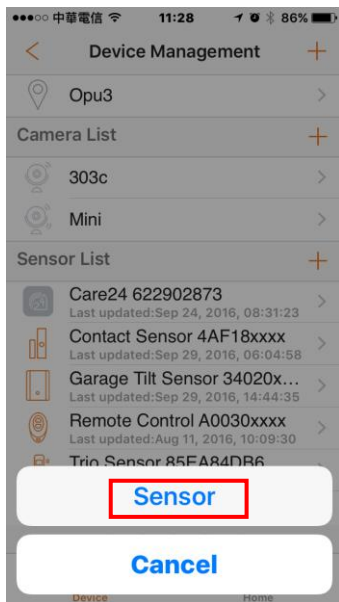


2. Tap "Device Management". If you have more than one security shuttle, you may need to swipe left more than

once to find the one you wish the sensor to connect to. After selecting the security shuttle, tap the plus icon “+” located to the right of “Sensor List”.



3. Select “Sensor”.



4. Follow the on-screen instructions. When finished, press “Next”.



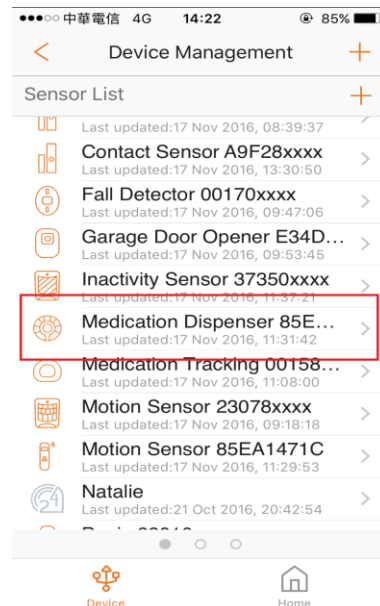
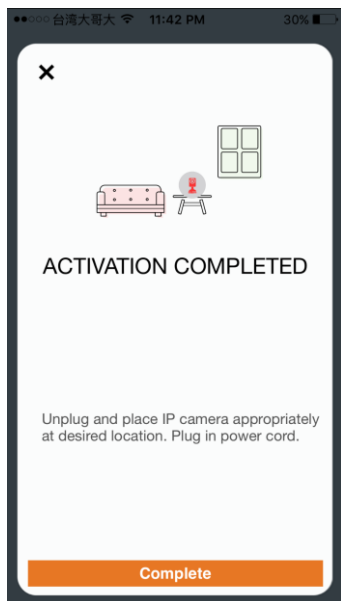
5. After scanning the QR code located on the behind of the dispenser, the “sensor adding” process will begin.





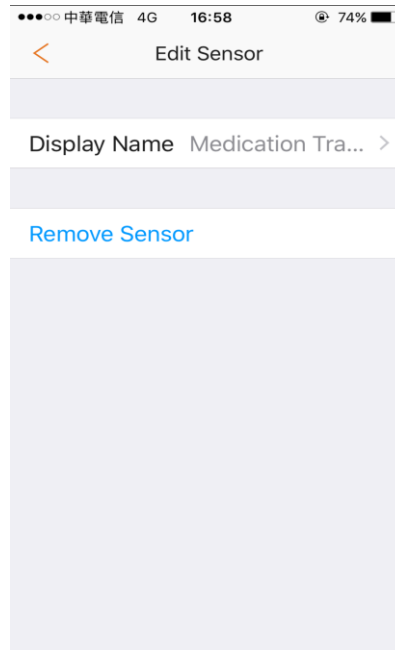
6. Once the medication dispenser is added into the system, LED 1 and 2 will turn green for about 1 second.

7. When the activation is completed, the dispenser will be added to the device management page. In the illustration shown below, the name of the Security Shuttle is "Location 1" and the name of the sensor is "Medication Dispenser 85Exxxxxx".



3.3 Remove Sensor

To remove the sensor from the current Security Shuttle, tap “Remove Sensor”.

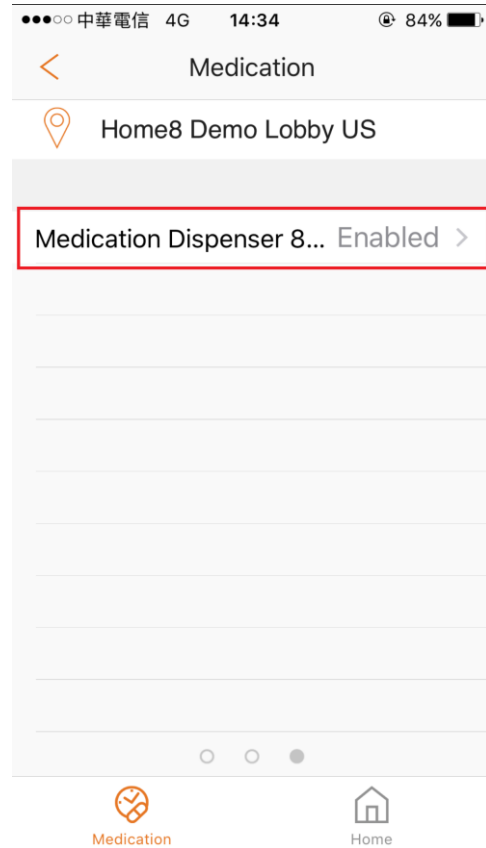
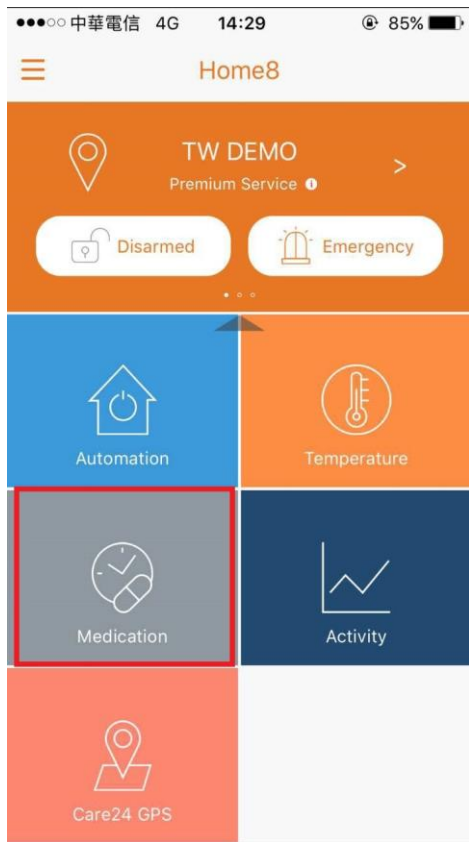


Chapter 4. Starting to Use the Automatic Medication Dispenser

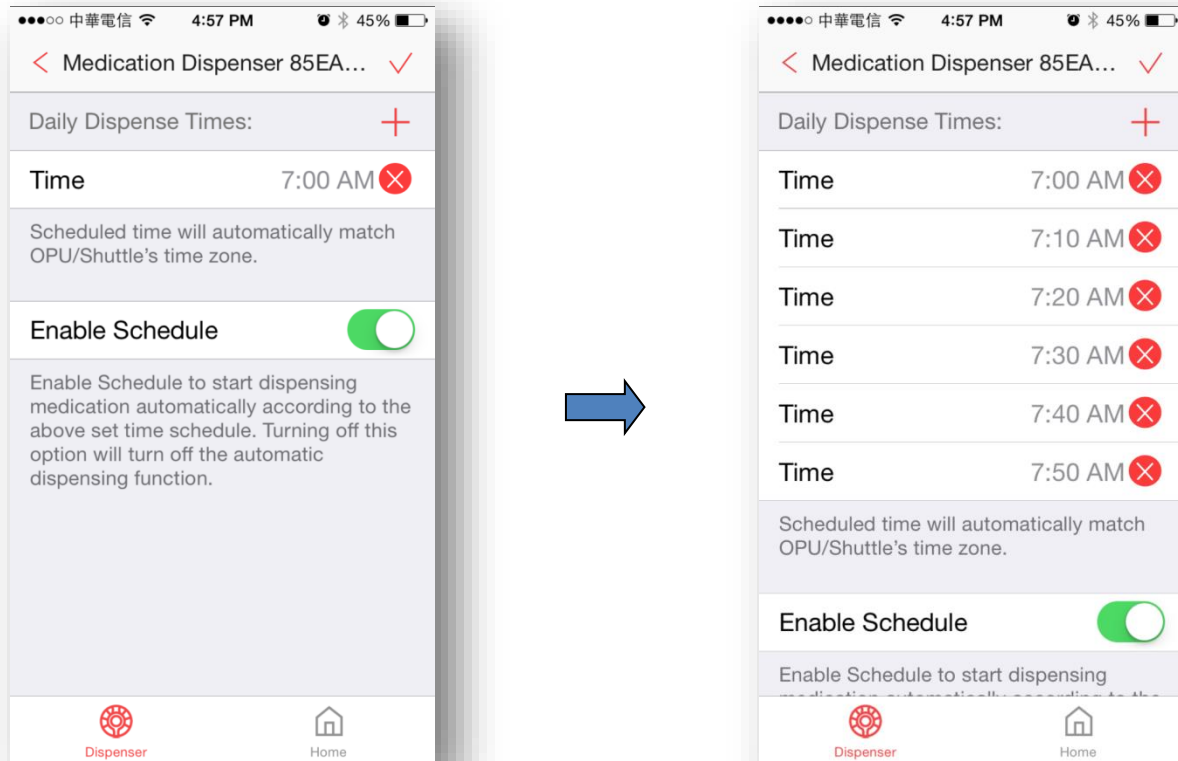
At this stage, your sensor is now ready for use.

4.1 Programming a Schedule

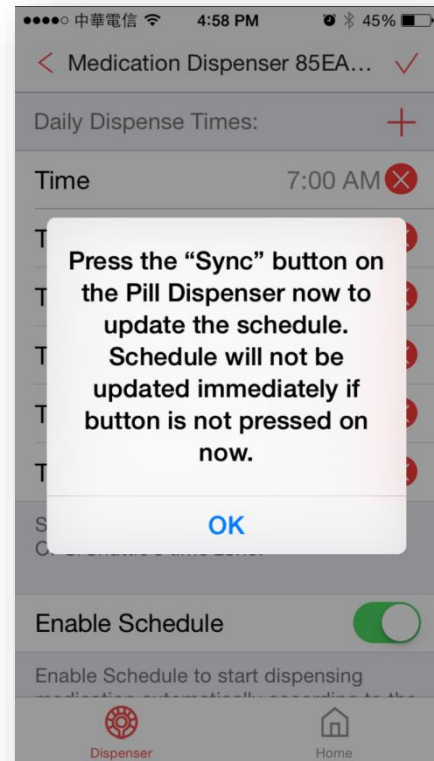
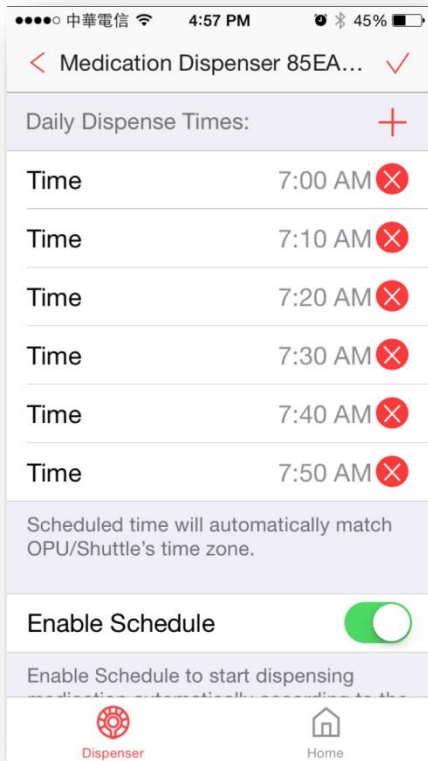
1. Scroll down the APP, find the “Medication ” tile, and select the dispenser you want to program.



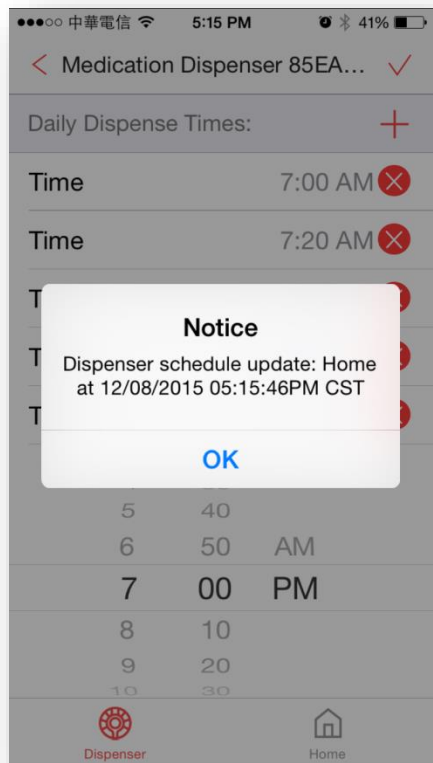
2. Press “+” to add schedules. The Medication Dispenser supports up to 6 schedules per day. The time interval between schedules is 10 minutes minimum.



3. When programming is complete, tap “✓” in the upper-right corner. The system will ask the user to press the “Sync” button on the medication dispenser. Before tapping “OK”, press the “Sync” button on the medication dispenser. After pressing the “Sync” button, LED 2 should turn red for a second.

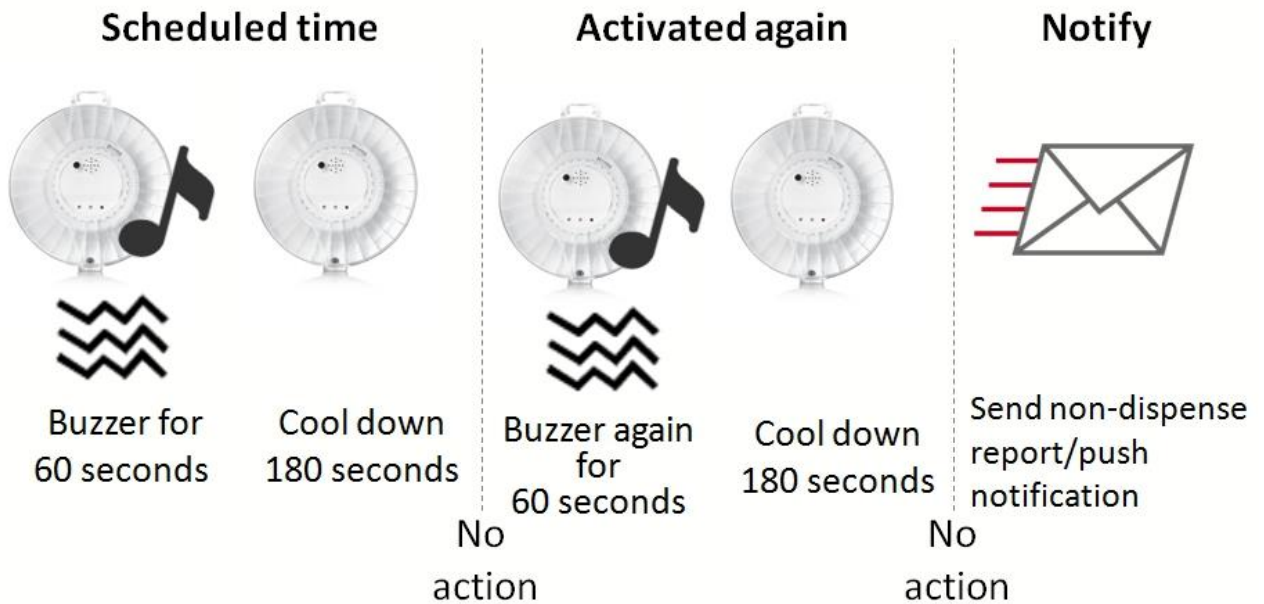


4. Once synchronization is successful, LED 1 and 2 will turn green for 1 second. And then, a push notification “Dispenser schedule update” will be received.

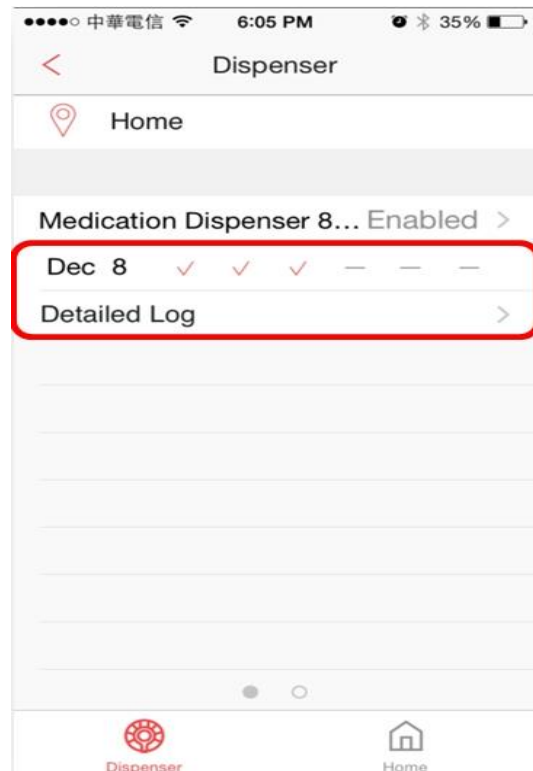


4.3 Alarm And Activity Tracking Report

1. When the scheduled time is reached, the buzzer will be activated, with it vibrating and sounding an alarm for 60 seconds, and LED 3 will blink every 3 seconds. .



2. Once the pills have been poured out, the buzzer will stop. The tracking log is right below the dispenser's name. The activity will be saved for 7 days.



4.4 Travel Mode

When taking the medication dispenser with you while you are traveling, the local siren will still alert when the scheduled alert time is reached, and the pills will be dispensed. But the activity tracking report function won't work since there would be no ability to communicate with the server to update the report. And the user cannot reprogram the pill dispenser due to no communication with the server.

4.5 Reset

If you need to reset the device, press and hold down the "Sync button" for 15 seconds, and once LED 3 turns on, release the button immediately. LED 3 should blink every second.

4.6 Battery Life

Four AA batteries should last 180 days if 6 schedules a day is dispensed.

Appendix – Glossary of Terms

Arm: The cameras and other security related sensors in the system are actively monitoring the surroundings. Any suspicious activity that has been detected by the camera or sensor will prompt the app to immediately send a notification. A recording will also be performed by the camera(s) that witnessed the event.

Disarm: The cameras and other security related sensors in the system are no longer actively monitoring the surroundings. The system will not react to any suspicious activity detected by these devices. No notification will be sent.

Note: If the continuous recording function is turned on, video recording will always work regardless if the system is armed or disarmed. For more details regarding the continuous recording function, see *Section 4.8 Turn On/Off Continuous Recording*.

Event: An event is created when any camera or sensor detects an activity, or is manually triggered by the user.

Security Shuttle: Functions as a secure and intelligent hub to manage the devices and communicate with the cloud server. Currently, there are three types – **OPU1120**, **OPU2120**, and **OPU3120**.