PIR Motion Sensor Myers MSS-PIR1-ZB

User manual

2026

Content

1. Product overview

Fig.1. PIR Motion Sensor Myers MSS-PIR1-ZB

The Myers MSS-PIR1-ZB is a wireless PIR (Passive Infrared) motion sensor designed to detect movement within its coverage area and instantly send alerts to the connected app. Using infrared detection technology, the sensor identifies changes in heat signatures caused by moving people or animals, making it a reliable choice for monitoring rooms, hallways, entryways, and other indoor spaces.

Featuring Zigbee connectivity, the sensor communicates with a compatible Myers Smart hub, which relays status updates to the app, allowing for fast and reliable setup as part of a wider Zigbee network. Its compact, discreet design suits both wall and ceiling mounting, while low power consumption ensures extended battery life between replacements.

The MSS-PIR1-ZB can be used as a standalone motion detector or integrated into a broader smart home and security system, providing real-time notifications whenever activity is detected in the protected area.

2. First use

1. Open the device case. Insert 2 batteries (AAA 1.5V) into the battery bin and place it according to the graphics in the battery bin. After two batteries are loaded, the indicator lights are always on and then off.

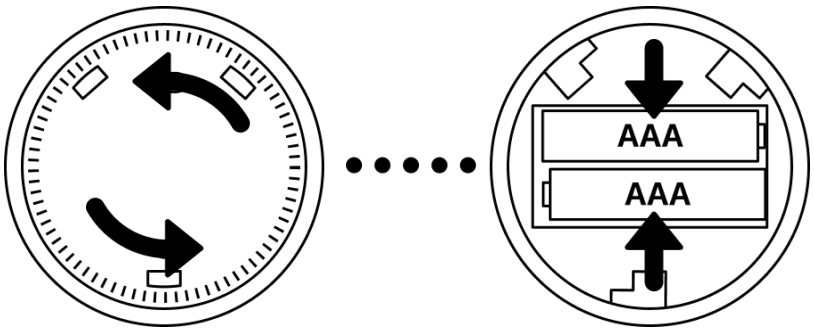

Fig.2. Removing the mounting bracket and inserting the batteries

2. If the LED indicator does not blink - take the clip from the kit and hold the button on the bottom of the device for 10 seconds to reset.

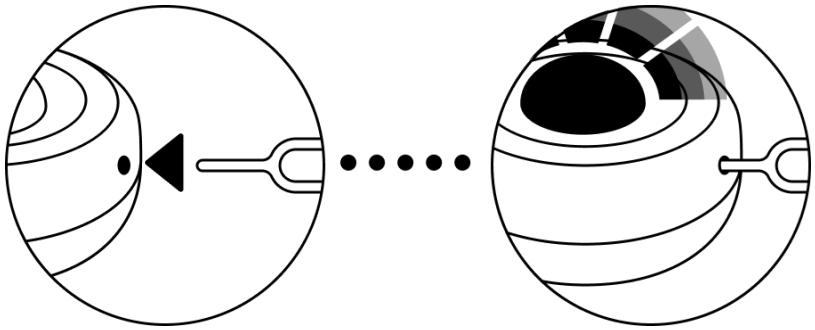

Fig.3. Resetting the sensor with the pin

3. App control

1. Download or open the Partizan mobile app (available on Google Play, App Store, Huawei AppGallery).
   The Partizan mobile app can be downloaded via the link below.
   https://my.partizancloud.com/mobile

2. Scan the QR code on the device box to open the device page in the Partizan app.

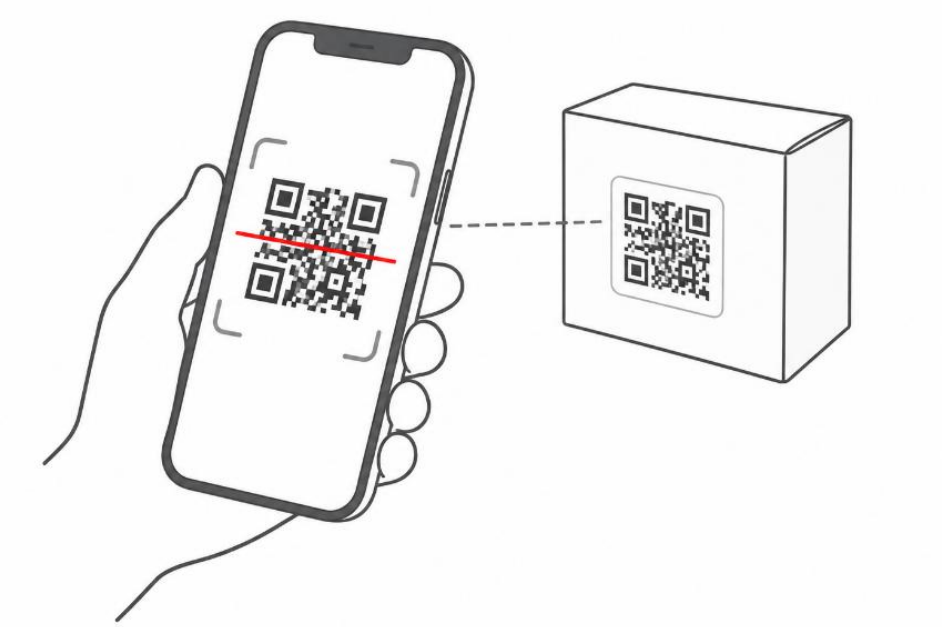

Fig.4. QR code scanning

3. Open the DIY Wizard and tap Next to start adding the sensor as a new device.

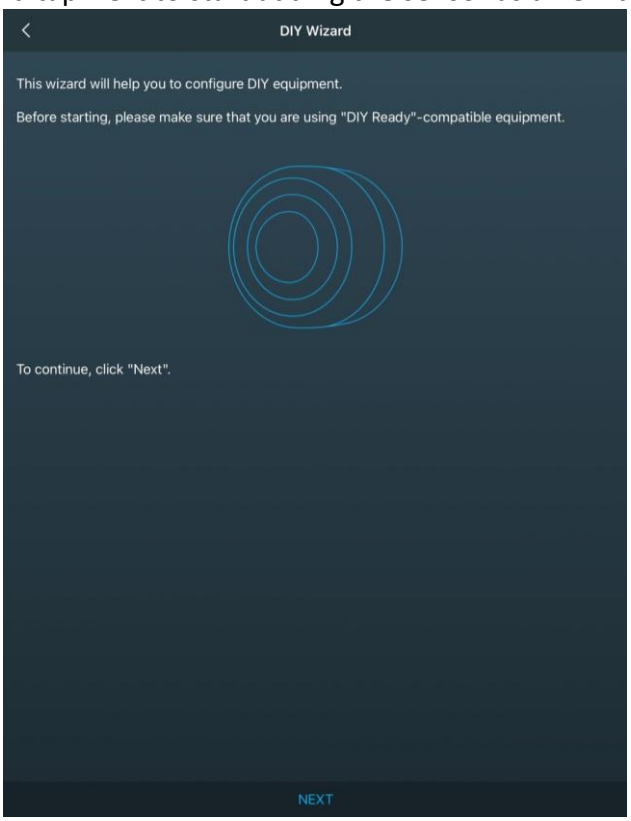

Fig.5. DIY Wizard – start screen

4. Select the cloud account (location) the sensor will be added to.

Fig.6. DIY Wizard – select device location

5. The device must be connected via a Smart hub. Select the desired Zigbee hub from the list and tap Next to continue.

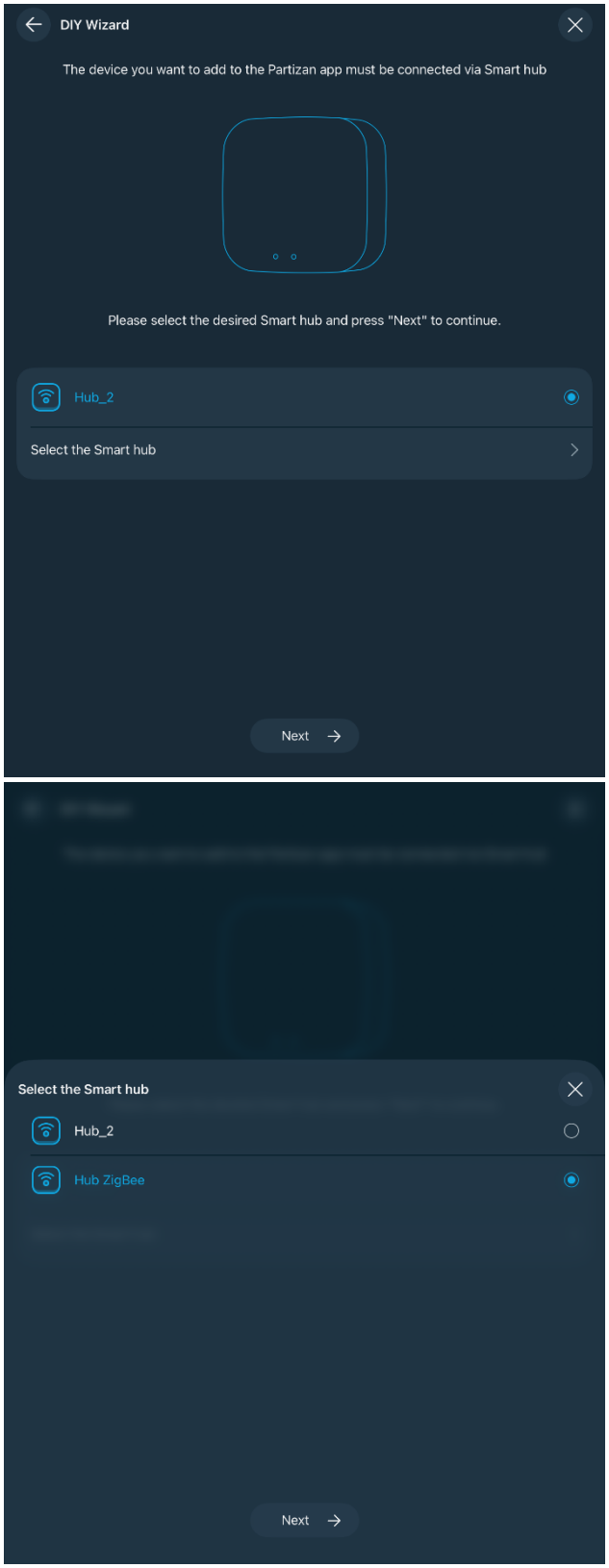

Fig.7. Selecting the Zigbee hub

6. Wait while the app searches for the device and adds it to the hub. Do not unplug or remove the device during this process.

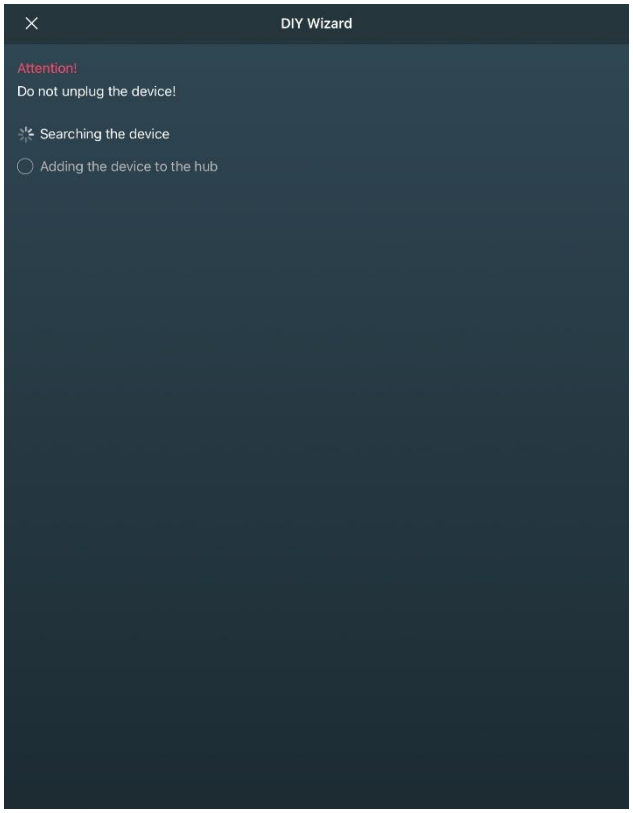

Fig.8. Adding the device to the hub

7. The sensor is now added to the app. When motion is detected within the coverage area, the status screen shows a red icon labelled Motion detected.

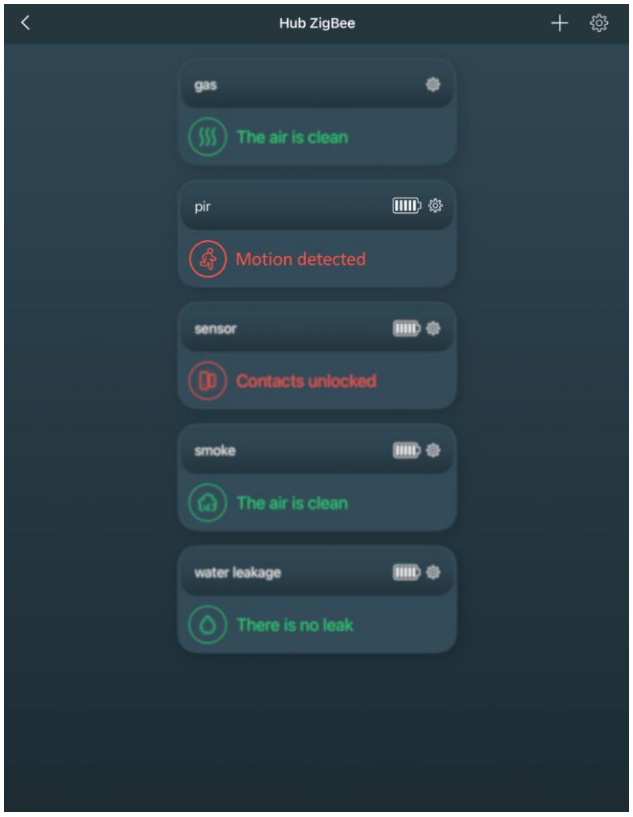

Fig.9. Sensor status screen – motion detected

8. When no motion is detected, the status screen shows a green icon labelled No movement.

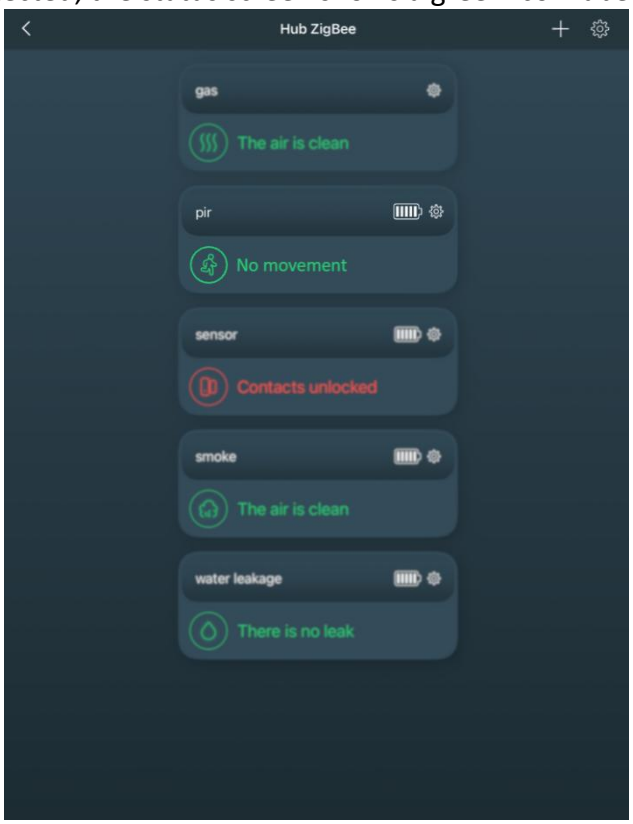

Fig.10. Sensor status screen – no movement

4. Settings

1. On the hub's device list, tap the gear icon (⚙) next to the sensor, as shown, to open the Support and Device settings options.

Fig.11. Sensor screen – Support and Device settings menu

2. The Device settings menu gives access to Connection settings, Notification schedule, Shared access, Firmware upgrade, and Delete device.

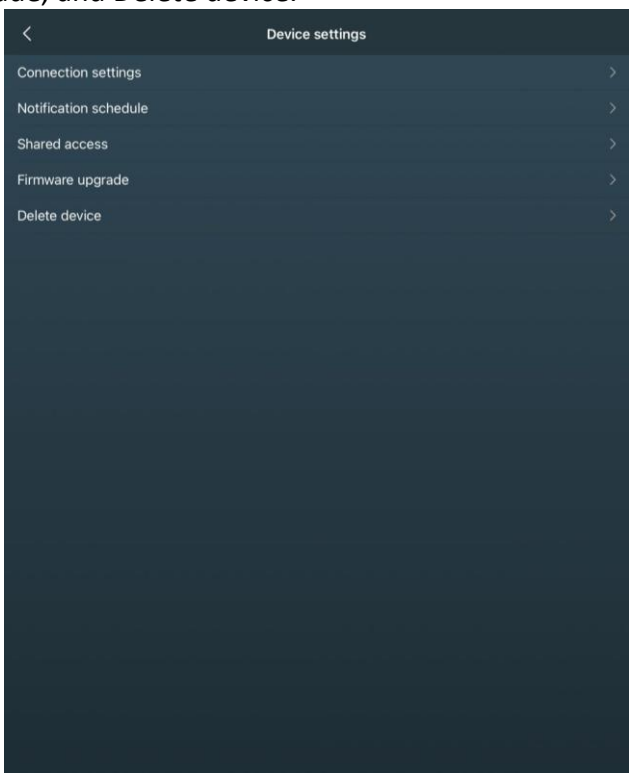

Fig.12. Device settings menu

3. In Connection settings, check or edit the device name, folder, and connection string, then tap Apply to save the changes.

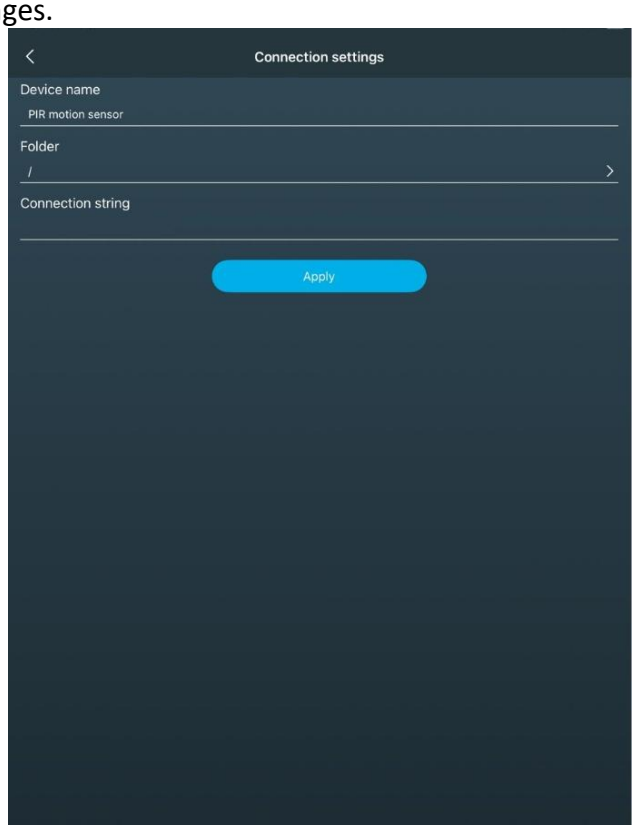

Fig.13. Connection settings

4. In Shared access, enter the email address of another cloud user and tap Save to give them access to the device.

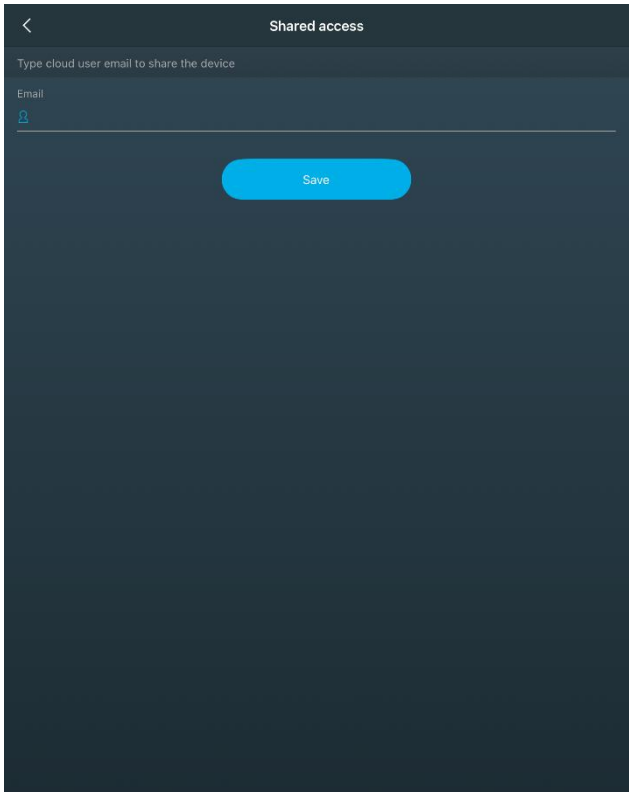

Fig.14. Shared access

5. In Notification schedule, select the days of the week and set the active time range on the 24-hour dial. Use Copy schedule to apply the same time range to other days.

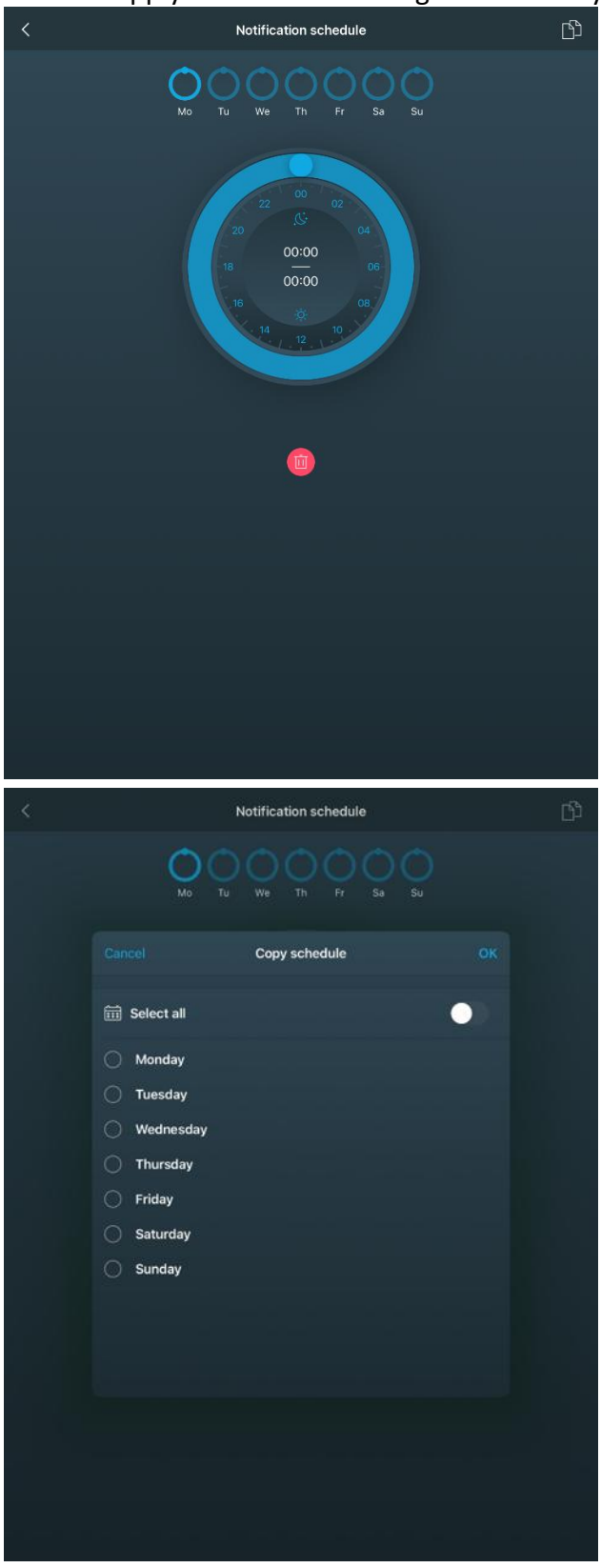

Fig.15. Notification schedule and copy-schedule dialog

All Myers devices send a real-time push notification to your phone whenever something happens, so you're always informed even when you're away from home.

6. In Firmware upgrade, check the current cloud firmware version and tap Firmware upgrade to install the latest version.

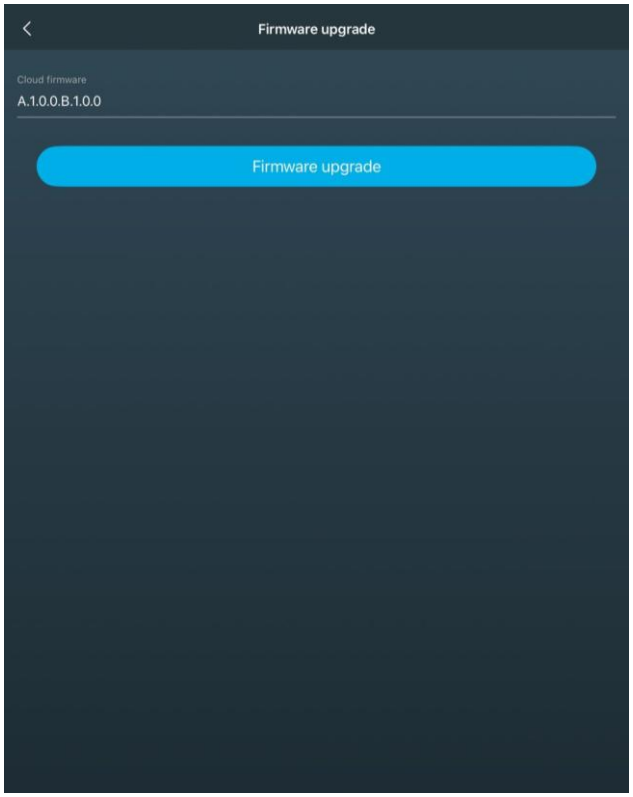

Fig.16. Firmware upgrade

7. In Support, review the technical support working hours. Enable Provide the device information so that support can see the device model, firmware version, and basic diagnostics if needed.

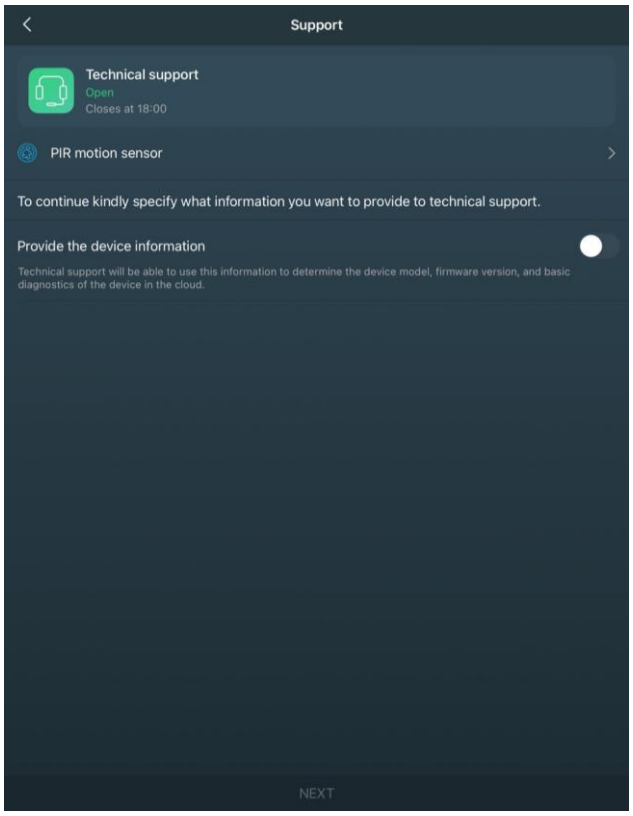

Fig.17. Support

8. In Delete device, tap Delete device to remove the sensor from the app. This permanently deletes all data associated with the device.

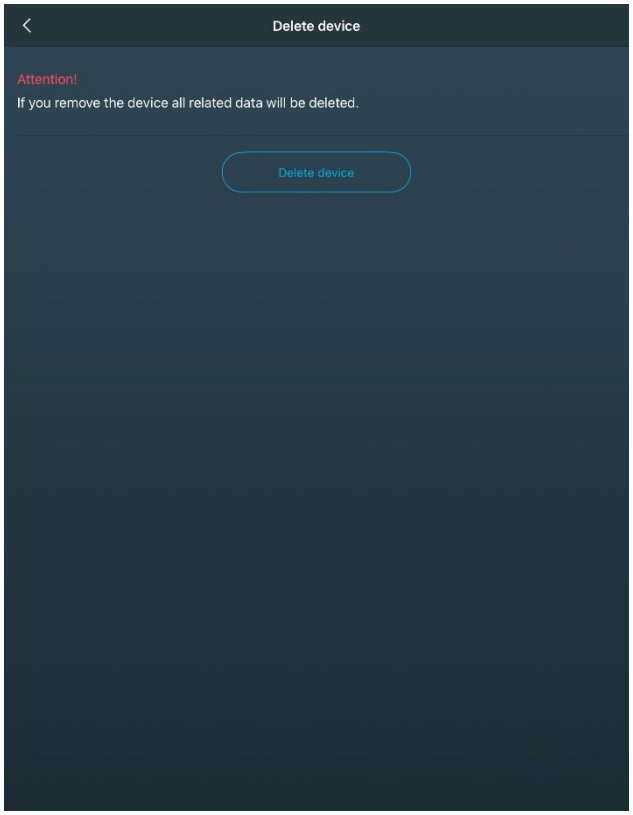

Fig.18. Delete device

5. Maintenance and safety notes

Power supply: Use only batteries of the type specified for this device and replace both batteries at the same time. Insert them with the correct polarity as shown inside the battery compartment. Do not mix old and new batteries or batteries of different types.

Battery safety: Do not disassemble, puncture, crush, short-circuit, or expose batteries to fire, heat, or direct sunlight. Remove the batteries if the sensor will not be used for an extended period. Dispose of used batteries in accordance with local regulations; do not dispose of them with general household waste.

Installation: Mount the sensor using the double-sided adhesive pad included in the kit, on a clean, flat, and stable surface with a clear, unobstructed view of the area to be monitored. Avoid pointing the sensor directly at heat sources, air vents, radiators, windows exposed to direct sunlight, or moving objects such as curtains and ceiling fans, as these may cause false alerts or missed detections.

Operating environment: The device is designed for indoor use only. Do not expose it to rain, condensation, high humidity, dust, or temperatures outside the range stated in the product datasheet. Keep the sensor away from direct sunlight and heat sources.

Cleaning: Wipe the device with a soft, dry cloth only. Do not use solvents, abrasive cleaners, or aerosol sprays, and never immerse the device in water.

Wireless connection: Keep the sensor within reliable range of its paired Zigbee hub, and away from thick walls, metal surfaces, or major sources of interference, to ensure alerts are delivered without delay. If the sensor is far from the hub, consider adding a Zigbee repeater or a mains-powered Zigbee device between them to extend coverage. Replace the battery promptly when the app reports a low-battery warning.

Servicing: The device contains no user-serviceable parts. Do not attempt to open or repair the sensor yourself, as this may damage it and will void the warranty. If the device is faulty, contact Partizan support using the details below.

Limitations: This sensor is a supplementary security accessory and is not a certified life-safety alarm system. It should not be relied upon as the sole means of protection in situations where failure to detect an event could result in injury, loss of life, or serious property damage.

Contacts:

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