

MSS-SD1-ZB smoke detector

User manual



Content

1. Product overview	3
2. First use	4
3. App control	5
4. Settings	10
5. Maintenance and safety notes	15
Contacts:	16

1. Product overview



Fig.1. MSS-SD1-ZB smoke detector

The Myers MSS-SD1-ZB is a Zigbee smoke detector designed to protect your home against the risk of fire. Using a high-sensitivity optical (photoelectric) sensor, it continuously monitors the air for smoke particles and triggers an immediate loud audible alarm and a visual alert in the app as soon as smoke is detected, giving you an early warning to react.

Featuring Zigbee connectivity, the detector sends real-time alerts to a compatible Zigbee hub, which relays them to the connected app, so you can be notified of a fire risk even when you are away from home. Its compact, ceiling-mountable design makes it easy to install in bedrooms, living rooms, hallways, and other indoor spaces, while low power consumption ensures extended battery life between replacements.

The MSS-SD1-ZB can be used as a standalone smoke alarm or integrated into a broader smart home and security system, providing real-time notifications and helping to prevent the serious risks associated with a fire.

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.

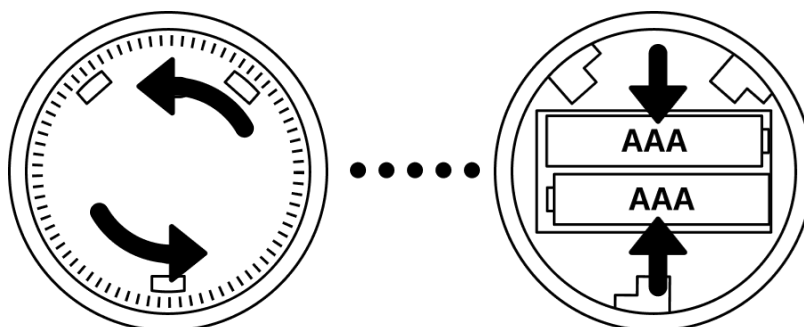


Fig.2. Removing the mounting bracket and inserting the batteries

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.

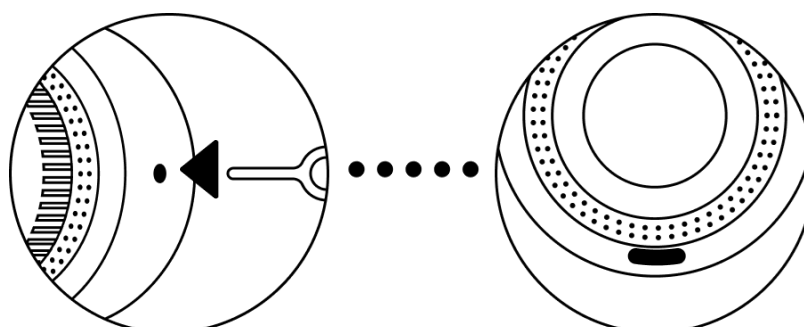


Fig.3. Resetting the sensor with the pin

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.

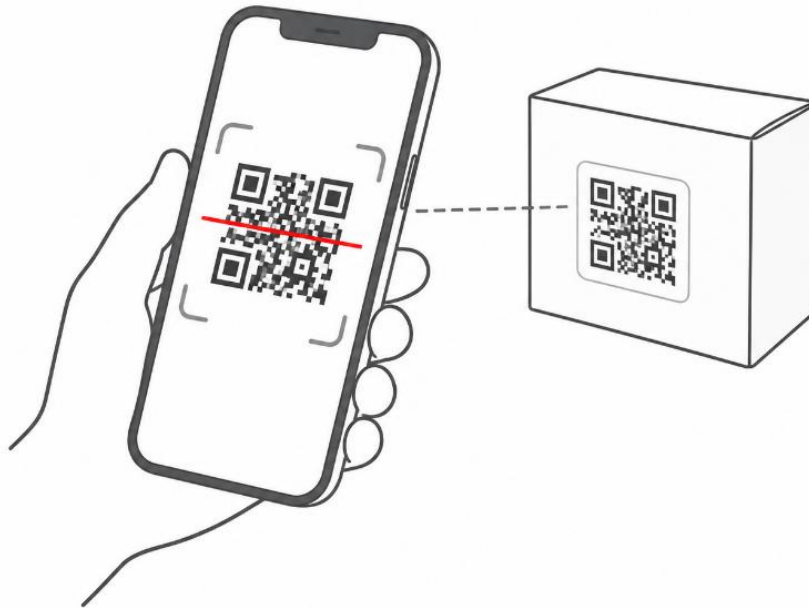


Fig.4. QR code scanning

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

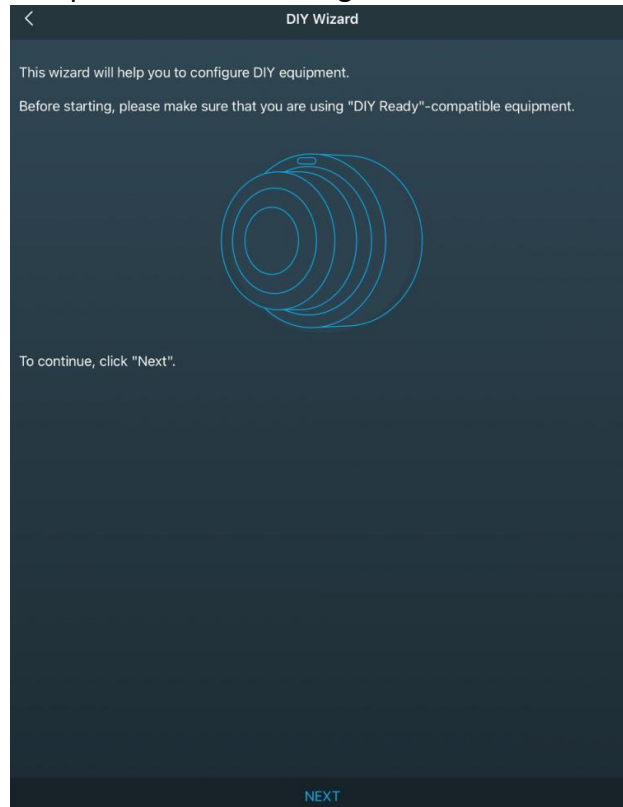


Fig.5. DIY Wizard – start screen

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

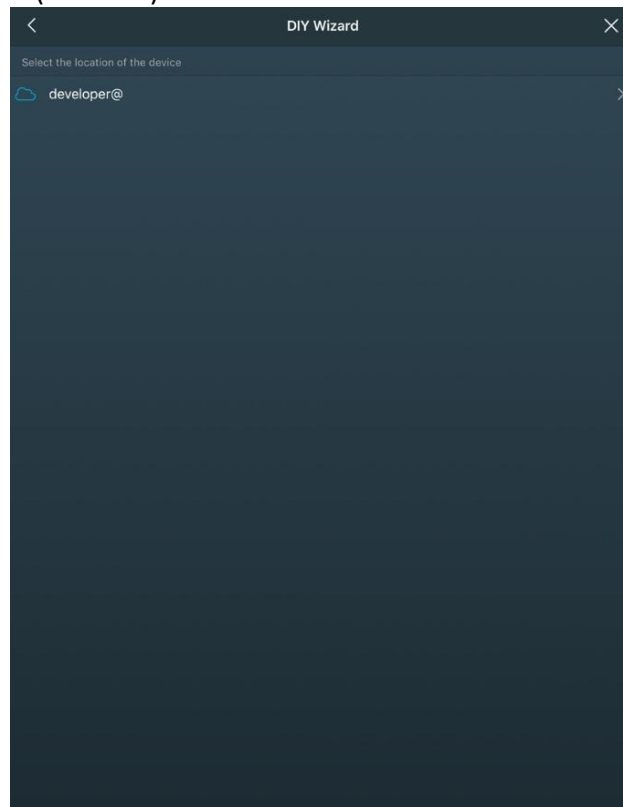


Fig.6. DIY Wizard – select device location

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

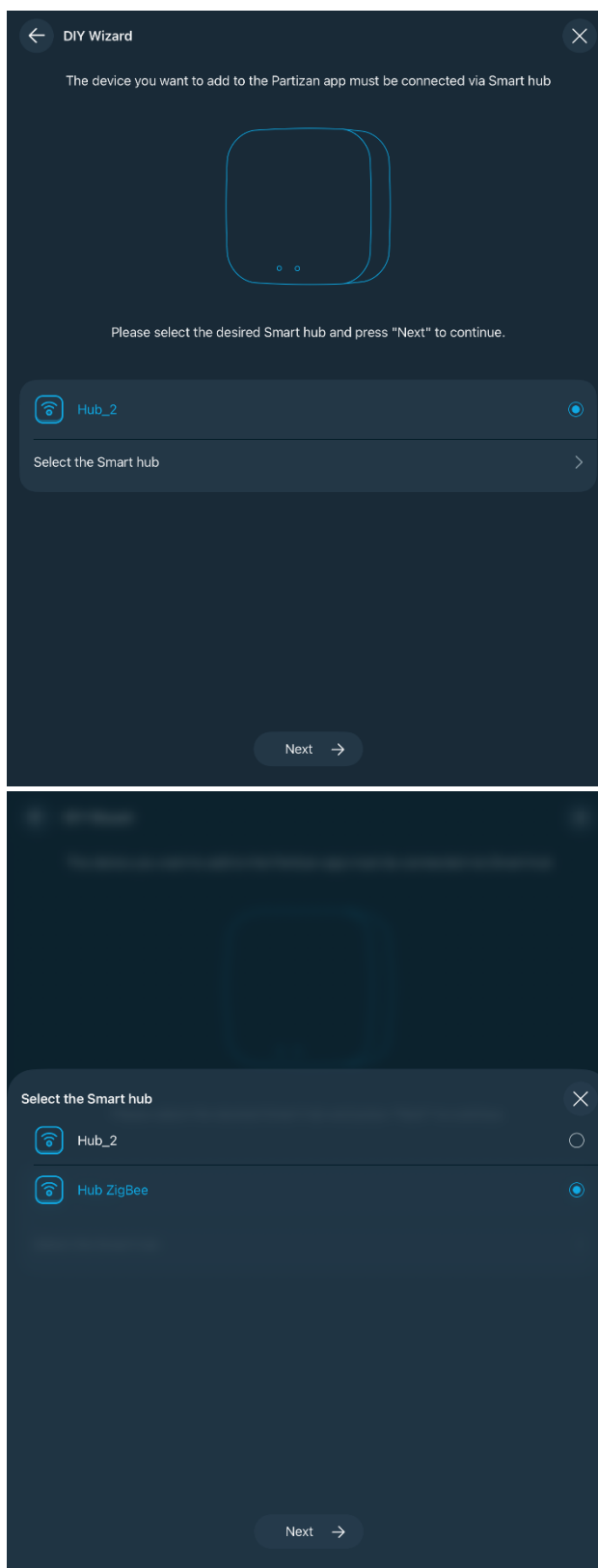


Fig.7. Selecting the Zigbee hub

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

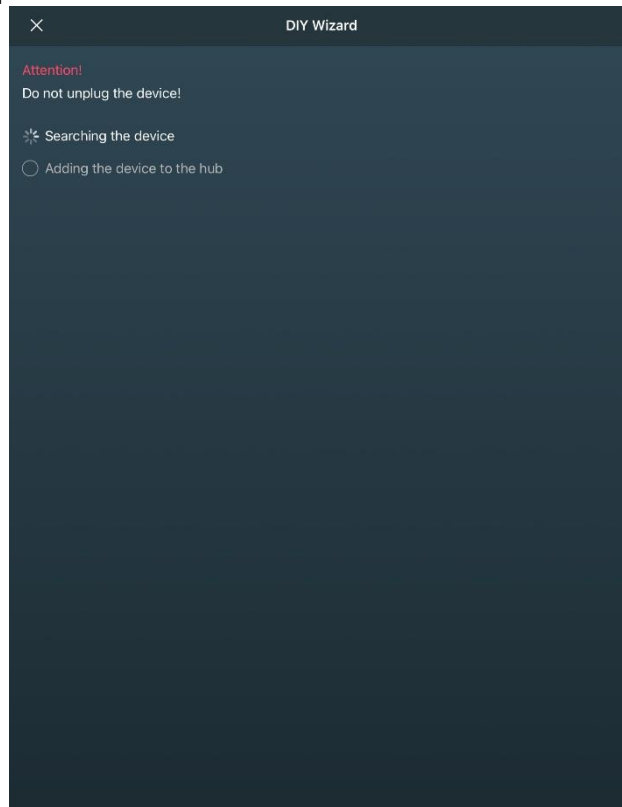


Fig.8. Adding the device to the hub

- The sensor is now added to the app. If smoke is detected, the status screen shows a red icon with a smoke symbol and the label Smoke detected.

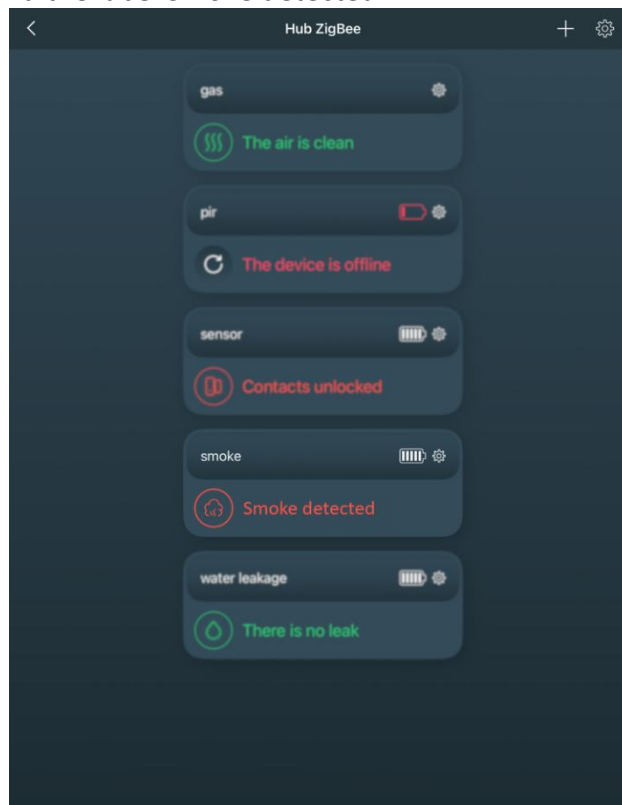


Fig.9. Sensor status screen – smoke detected

8. When no smoke is detected, the status screen shows a green icon with a smoke symbol and the label The air is clean.

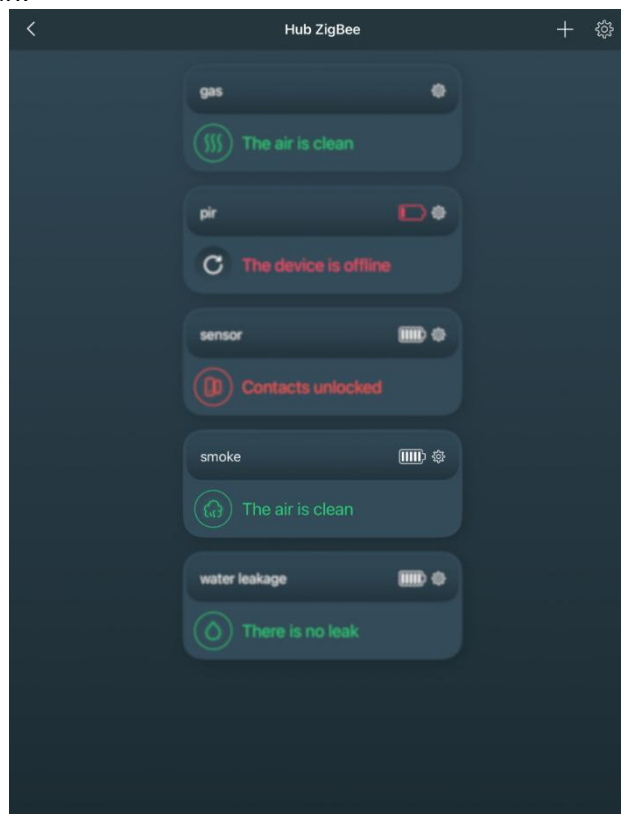


Fig.10. Sensor status screen – air is clean

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.

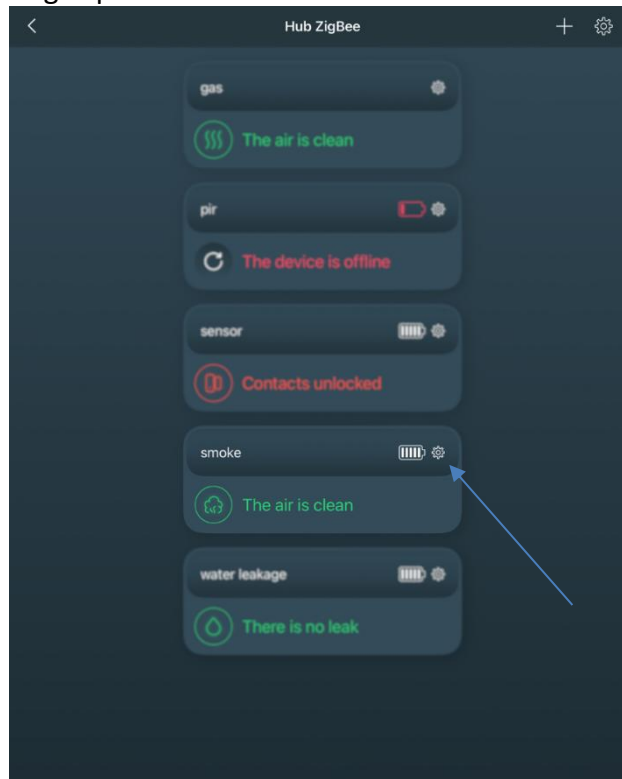


Fig.11. Sensor screen – Support and Device settings menu

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

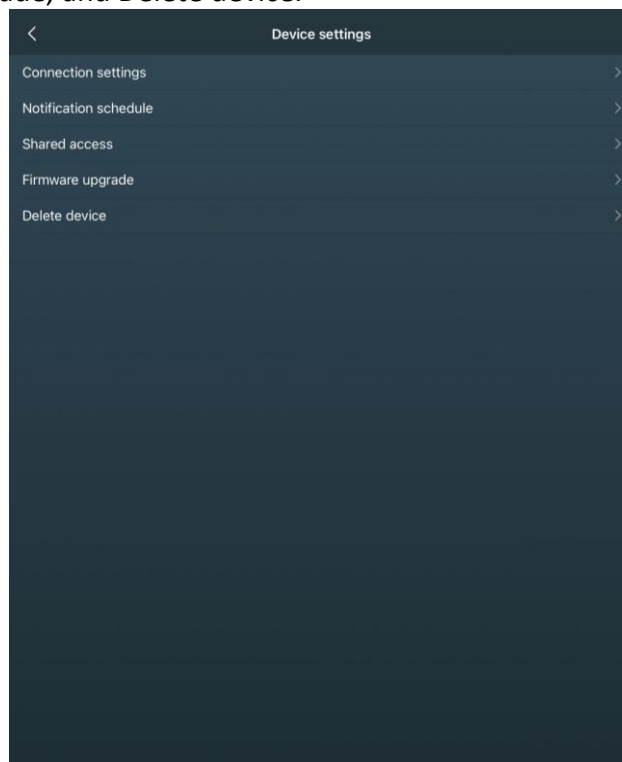


Fig.12. Device settings menu

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

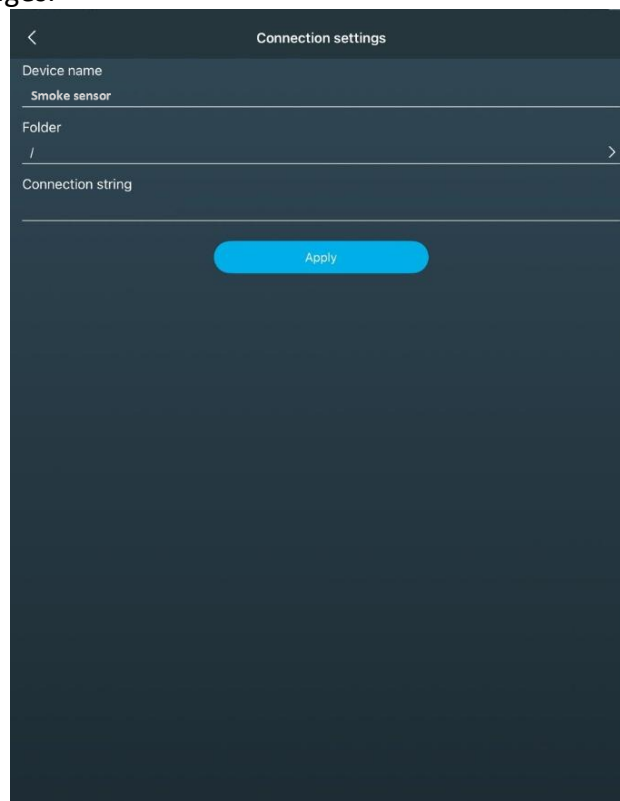


Fig.13. Connection settings

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

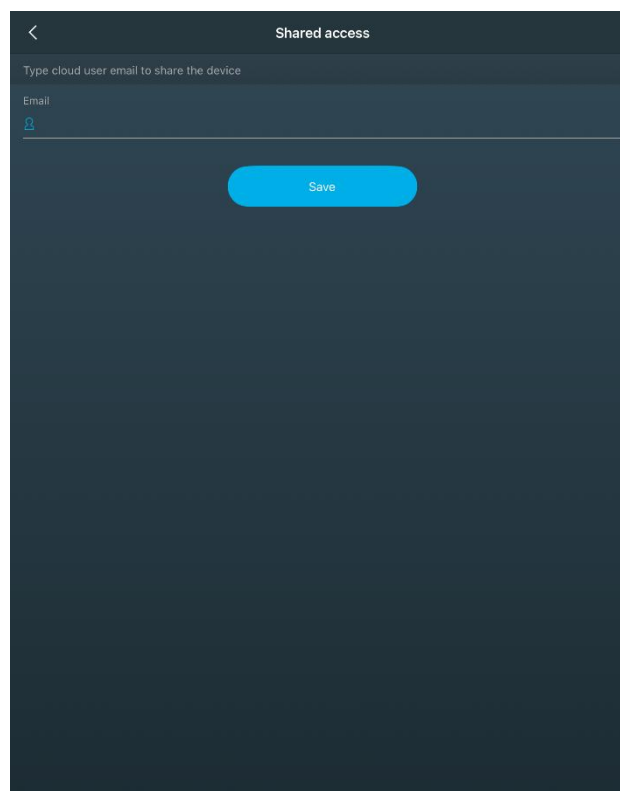


Fig.14. Shared access

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.

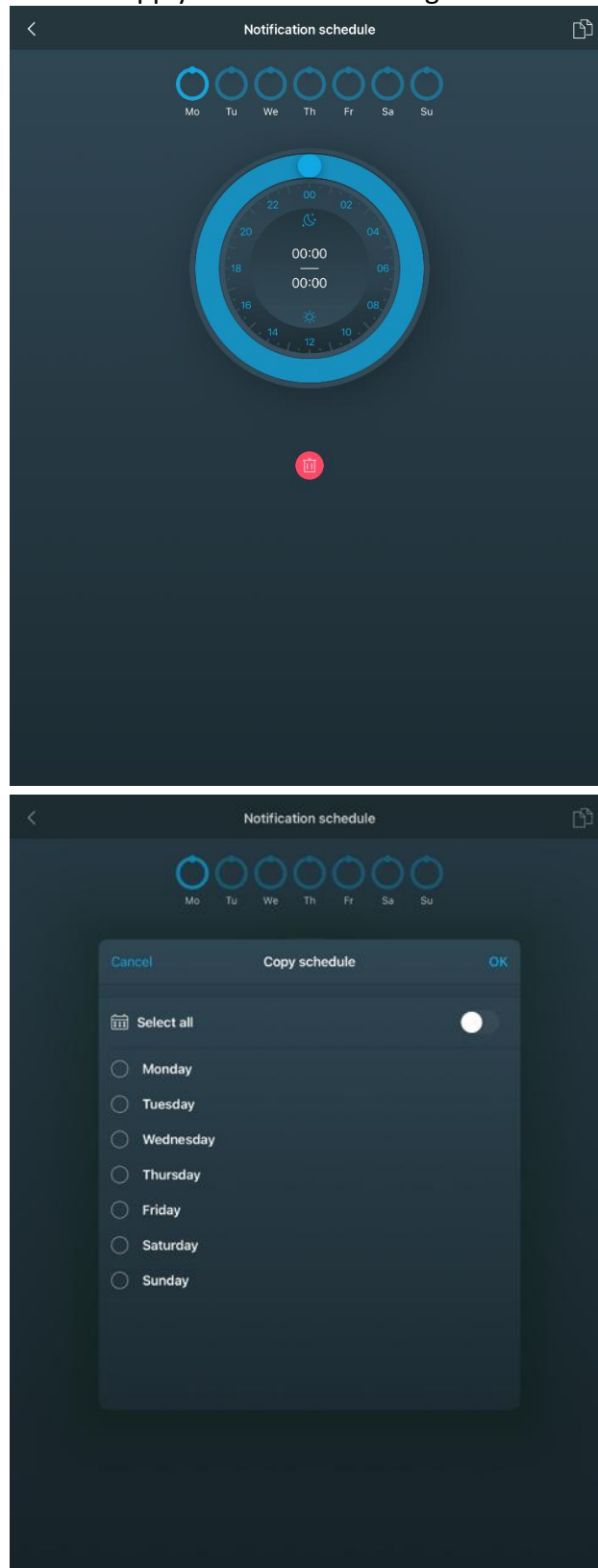


Fig.15. Notification schedule and copy-schedule dialog

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.

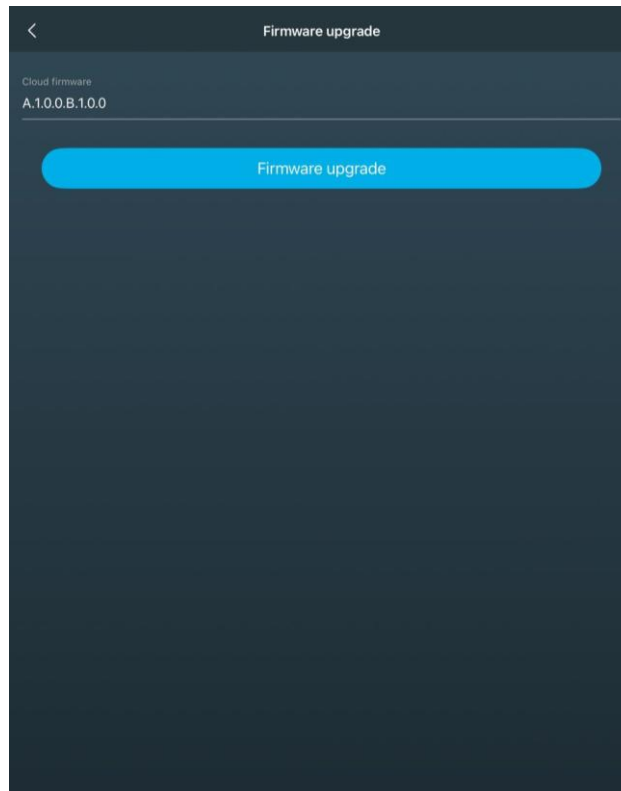


Fig.16. Firmware upgrade

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.

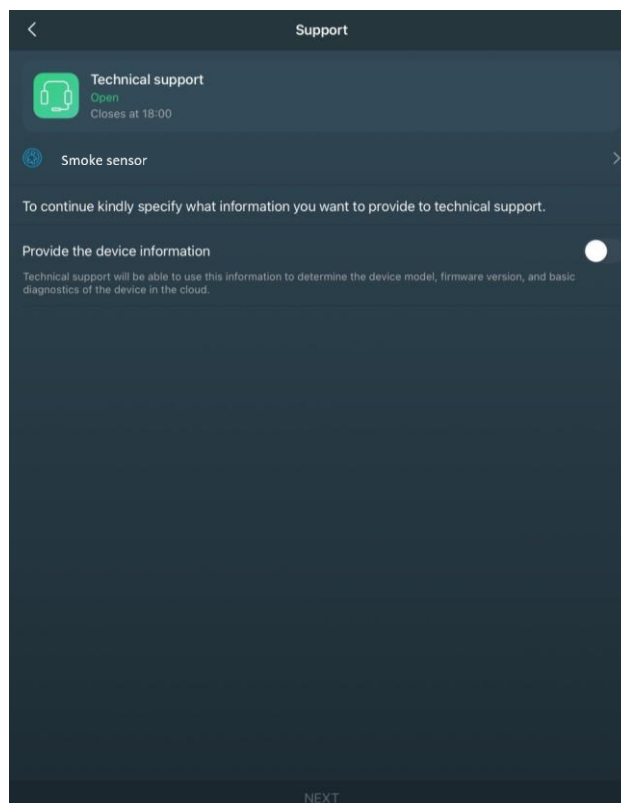


Fig.17. Support

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

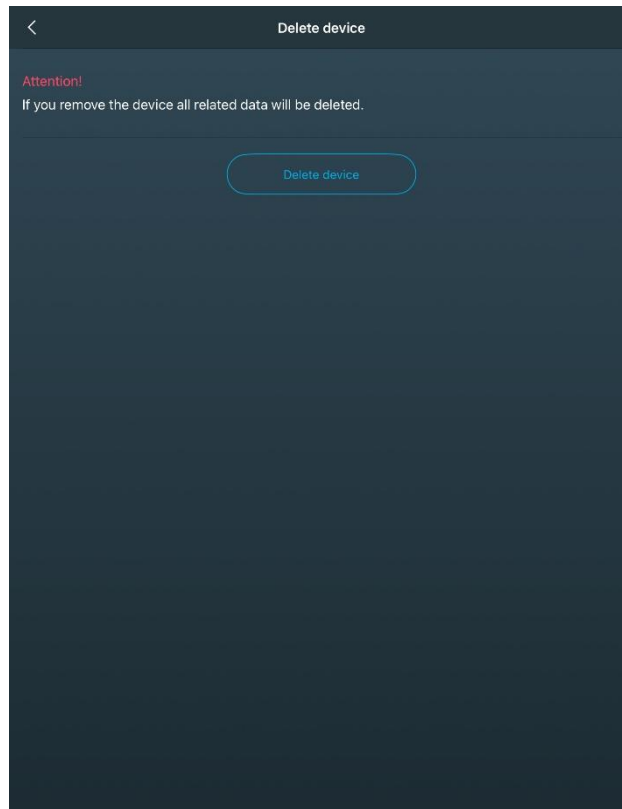


Fig.18. Delete device

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 on the ceiling, ideally in the centre of the room or hallway and at least 30 cm from walls, corners, and light fittings, using the double-sided adhesive pad included in the kit or suitable screws. Install a detector on every level of the home and outside each sleeping area. Avoid kitchens, garages, and bathrooms where cooking fumes, steam, or exhaust can trigger false alarms, and keep the sensor away from air vents, fans, and open windows, as strong airflow can prevent smoke from reaching the sensor and delay detection.

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. The optical smoke sensor has a limited service life, typically around 8-10 years; replace the whole device when the app indicates the sensor has expired or after the period stated in the product datasheet, even if it still appears to work. Gently vacuum the vents on the outside of the case every few months to remove dust that could reduce sensitivity or cause false alarms.

Testing: Test the detector at least once a month using the test button or via the app to confirm that the sensor, alarm, and Zigbee connection are working correctly. Never test the sensor with an open flame or real smoke.

Limitations: This sensor is a supplementary monitoring device and is not a substitute for a certified life-safety smoke alarm where one is required by local building codes or regulations. It should not be relied upon as the sole means of fire protection in situations where failure to detect smoke could result in injury, loss of life, or serious property damage. If the alarm sounds, evacuate immediately and do not re-enter the building until it is confirmed safe.

Contacts:

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