User Setup Guide

AIWAVE Technologies

Use Responsibly. Read all instructions and safety information before use. **FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.**

Visit **www.aiwave.care** to get know more about our protection plans.

For additional help or feedback visit aiwave.care/help

help@aiwave.care

Or chat us on **Skype: aiwave_care**

Recycling the Products Properly
In some areas, the disposal of specific electronic devices is regulated. Make sure you dispose of or recycle the products in accordance with your local laws and regulations.

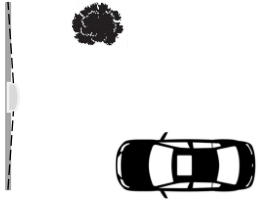
Product Specifications
Model No.: FALCON0G1RM1
Input: DC 5V min 2A power supply, USB-C.
Power adapter input: 100-240V AC 50/60Hz
Embedded lithium battery 3.7V 170mAh. This backup battery operations are limited below 32°F (0 °C).
Operating temperature: -13°F to 130°F (-25°C to 55°C)
Storage temperature: -4F (-20°C) to 140F (60°C) (with packaging, no operation, 48 hours)
Connectivity: Wi-Fi 2.4GHz/5GHz; Bluetooth Low Energy

Additional Information
To review the Terms of Use, Limited Warranty, instructions for using the device, Customer Service contact information, and other applicable terms and device information at aiwave.care

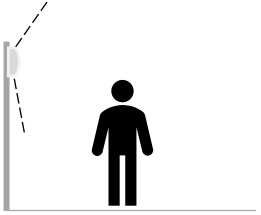
Version 1.0.0 Last update made 12/2023

1. Find a place for your Falcon

1. Avoid placing this product near a heat source and large metal objects.
2. If you plan to mount the Safe Lock using a driller, be sure the wall area is far enough from the electrical wires in the wall.
3. Make sure your device is positioned close enough to an electric outlet for the length of the included USB cable.
4. For outdoor use (applies to power adapter location), you must use only **waterproof outdoor electric outlets**!
5. Make sure the device sensing angles cover your desired operation area, and blind spots are outside of this region. See sensing and viewing angles as follows:

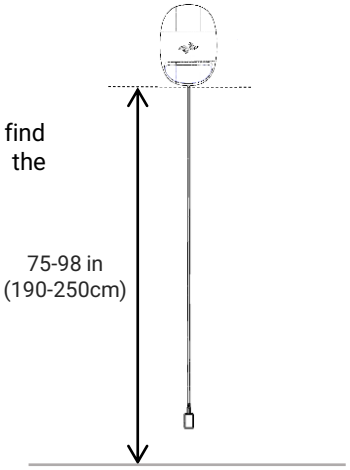


Horizontal sensing angle and camera viewing angle is<200 deg



Vertical sensing angle ~120 deg

Please follow this drawing to find the best possible place to get the best system performance:



You must avoid all metal components in a radius of 16in (40 cm) from the Falcon device. The device can see through thin, non-metal objects, but avoiding any object in front of the product is recommended to get the best performance and high reliability.

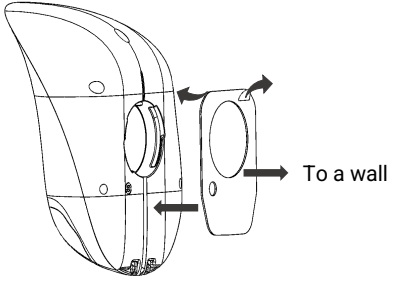
2. Install your Falcon

Please check your local regulations, as your country may require licensed electricians to perform wiring and installation.

Place the AiWave Safe Lock on the wall or stick the device on a wall by using strong tape.

If installing by a sticker

1. Use a tissue to remove dust from your wall.
2. Peel off a release liner from the device side and stick the sticker to your device.
3. Peel off a release liner and stick the device to a wall.
4. Verify if your device is placed strong enough. In case of peeling off or dropping, or if you do feel the placement is insecure, consider using Smart Lock instead of sticker.

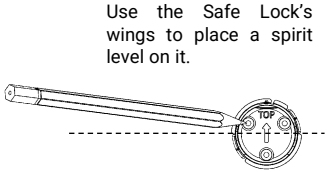


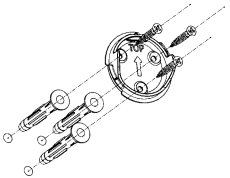
2. Install your Falcon

To mount the Safe Lock, you need:

- M6 drill (select a type depending on your surface) and electric driller,
- Cross-head screwdriver,
- Pencil and spirit level (you can use spirit level app on your phone instead).

1. Use a spirit level to level the safe lock and mark three screw holes on a wall under the Safe Lock with a pencil. Drill three holes in a marked position using an M6 drill.

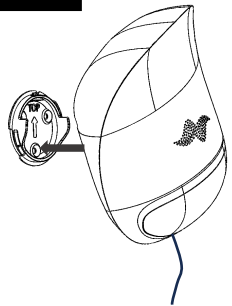


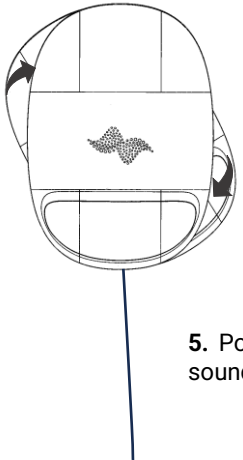


2. In the drilled holes, insert raw plugs and screw the Safe Lock according to the image. Use the attached set of hardware.

If installing by AiWave Safe Lock

3. Insert your Falcon device into the slots on the Safe Lock (rotated around 30-40 deg angle as shown on the image). The USB cable must be connected before.





4. Rotate the device in a clockwise direction to left the device in a vertical position. Once the vertical position has been reached, the lock will be activated. Please note, that releasing the lock requires a special tool inserted from the top of the device.

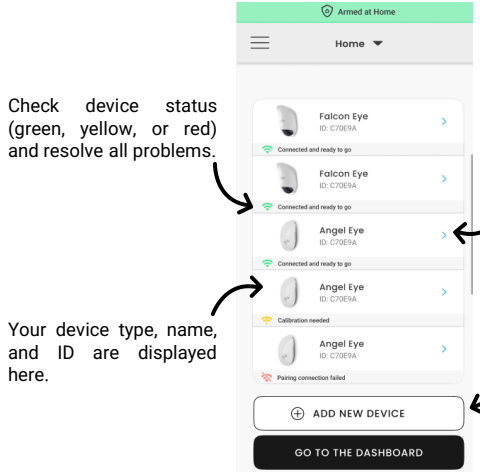
5. Power up the device. You should notice sound or light activity on it.

3. Connect your Falcon

Download and install the AiWave app.

Download and install the AiWave app: search for "AiWave" in the Apple App Store or Google Play. Open the app and follow the instructions to create your account. As a default user, you grant system administrator privileges that cannot be moved to another account.

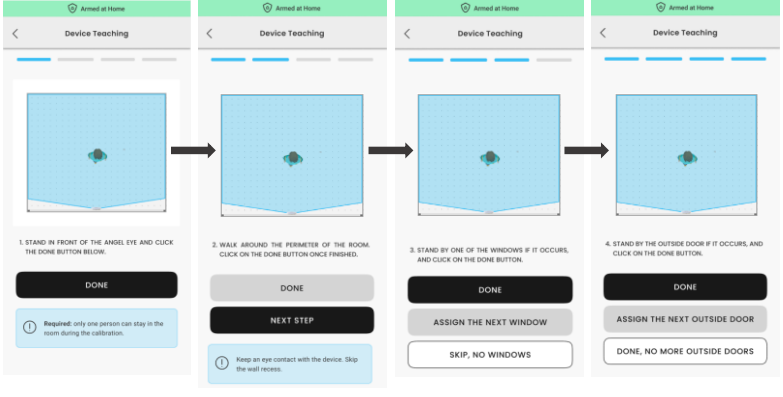
After account and location setup, select ***Add New Device*** in the ***Menu***. Wait until searching finished. The app finds all available AiWave devices in its range (therefore, searching must be repeated nearby of the device that has not been added the first time). To locate a specify device, tap it on the found devices list. Select all your devices on the list and press continue button to chose correct Wi-Fi network and enter network password(capitalization matters). Once you add all your device, double-check if any of the devices are still available to configure. In case of insufficient range, you have to relocate the device or add Wi-Fi signal extender.



To fully set up each device, you have to name it, select the area type where it is located, enable doorbell and calibrate it by teaching. The device property window provides sound and light locating and muting buzzer notifications (leaving severe alarms always on).

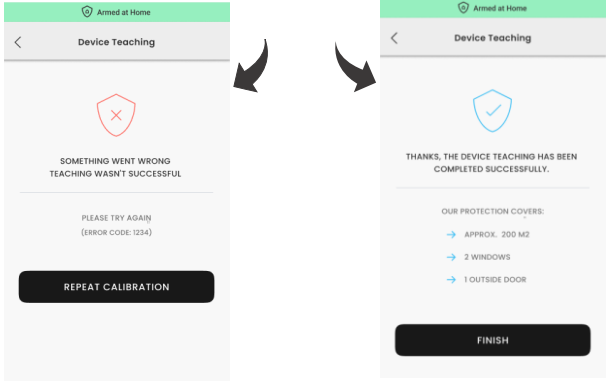
4. Teach your Falcon

To precisely detect what is happening, you need to conduct a short teaching process of each device separately, one by one. To reduce the risk of unsuccessful teaching, only one person should be moving within the sensing area of all already set up devices.
Go to your devices list and start teaching all of them. Then, follow the application screen to determine the area perimeter, outside windows, and doors.



Once finished, you will see the teaching result. In case of a successful process, a summary shows your perimeter area and other interesting stats. The calibration status of all devices can be checked on the device list view (by yellow indicator).

You can repeat the process in case of relocation or rearrangement of your area that must be protected.



5. Warnings

Safety Precautions

1. The device should not be operated by children under 16.
2. Do not insert fingers or any items into the device.
3. Do not swallow any items of the set.
4. Modifications can be done only by the manufacturer.
5. The manufacturer is not responsible for bodily injury or damage to equipment due to improper handling.
6. Do not expose the adapter or cable to liquids.
7. If the adapter or cable appears damaged, discontinue use immediately.

Usage Warnings

1. The heart rate, breath rate, and fall detection results are for reference only. The product cannot fully replace medical devices yet and may not accurately recognize slow tumbles or gradual falls while leaning against a wall. Additionally, rapidly falling or shaking objects could trigger false fall detection alerts.
2. Refrain from attempting self-repairs. All repairs should be conducted by professionals.
3. Your device must use the provided USB cable and a USB charger or USB port that complies with safety standards, such as IEC 60950.

FCC Compliance Statement
Supplier's Declaration of Conformity - Compliance Information Statement Unique Identifier: XXXXXX
Model: FALCON0G1RM1
FCC ID: 2BCCA- FALCON0G1RM1
Responsible Party and Party issuing
Supplier's Declaration of Conformity:
AiWave Technologies Sp. z o.o., Niska 3, 27-200 Starachowice, Poland, www.aiwave.care / help@aiwave.care

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This Product has been tested and found to comply with the limits for a Class B digital device or external switching power supply, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The Products generate, use and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

Pursuant to Section 15.21 of the FCC rules, changes or modifications to a Product by the user that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device meets the FCC Radio Frequency Emission Guidelines and are certified with the FCC. Information on these Products is on file with the FCC and can be found by inputting such Product's FCC ID (which can be found on the bottom of the device) into the FCC ID Search form available at https://www.fcc.gov/oet/ea/fccid
The device meets the FCC Radio Frequency Emission Guidelines and is certified with the FCC as the FCC ID number found on the back of the device.
The party responsible for FCC compliance is **AiWave Technologies Sp. z o.o., Niska 3, 27-200 Starachowice, Poland.**

Information Regarding Exposure to Radio Frequency Energy
The output power of the radio technology used in the Products is below the radio frequency exposure limits set by the FCC.
This device should be installed and operated with a minimum distance of 25cm between the device and your body.

Using Your Device Around Other Electronic Devices
Your device generates, uses, and can radiate radio frequency (RF) energy and, if not used in accordance with its instructions, may cause interference to radio communications and electronic equipment. External RF signals may affect improperly installed or inadequately shielded electronic operating systems, entertainment systems, and personal medical devices. While most modern electronic equipment is shielded from external RF signals, if in doubt, check with the manufacturer. For personal medical devices (such as pacemakers and hearing aids), consult with your physician or the manufacturer to determine if they are adequately shielded from external RF signals.