Mi|Home Motion Sensor
User Guide
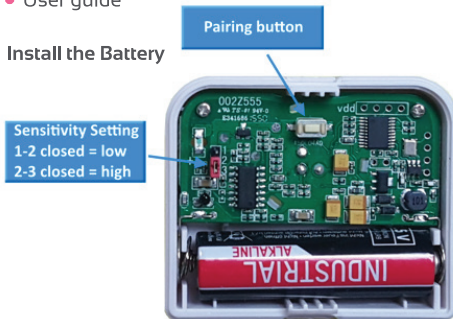
The Motion Sensor is part of the **Mi|**Home home automation range. This allows you to monitor movement in your home.

The Motion Sensor is ideally situated at head height or ceiling mounted.

In the Box:
- 1 x motion sensor
- Mounting accessories
- 1 x AA battery
- User guide

Install the Battery

Remove the cover on the compartment of the transmitter using a small coin twisted in the slot between the two halves of the housing and insert the battery - observing the correct polarity.

Sensitivity Setting
Select the sensitivity for the motion detection to high (default) or low. This can be done with the small red jumper on the circuit board as indicated in the diagram above. You may want to use the lower sensitivity setting if you are experiencing unwanted triggering e.g. by pets. Replace the cover once the following **Mi|**Home Network pairing installation process has been completed.

MiHome Network Installation - pairing
Your Motion Sensor needs to be paired with the **Mi|**Home Gateway before it can be used. You can pair your Motion Sensor with the MiHome Gateway before you actually physically install it on your wall or ceiling.

Please ensure that your device is in range of the Gateway when you pair it. We suggest 10m and as unobscured by furniture or walls etc. as possible.

You have two options to pair your Motion Sensor to the Gateway: either via a browser on a PC or smart device or via the **Mi|**Home App.

You will need to have created an account and already installed the **Mi|**Home Gateway.

Via a Browser:
Select the option to pair a new device and choose the Motion Sensor to be paired.
Follow the instructions to hold down the pairing button on the unit until you see the device come up on the screen as being paired.

Via the App:
Follow the instructions on the screen when you run the App to pair the Motion Sensor.

If you are having trouble with the range you may need to move the Gateway closer to the transmitter unit or move any intervening obstruction that may affect the signal.
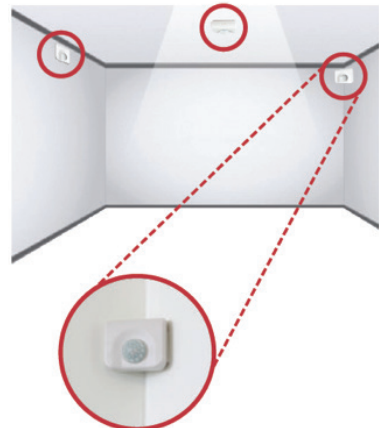
Using the Dashboard
You can view and control your paired device by selecting the Dashboard option on your App or via the browser.

Place the sensor in a suitable location as suggested in the following image:

Physical Location
Secure the sensor in the appropriate location using the mounting accessories. This may take some trial and error to find the most suitable position.

Sensor Operation
Move in front of the detector to activate the sensor. The led lamp will blink red and a "motion detected" message will be displayed on the app and web browser.

No motion is registered if there is no further motion detected for 60 seconds or more.

Technical Specification
- Detection: Body heat via Passive Infrared (PIR)
- Sensitivity: Link setting 1-2 bridged: high; Link setting 2-3 bridged: low
- Detector range: 2.5m at a mounting height of 2.3m
- Power supply: 1.5V(AA alkaline battery)
- Battery life: 1 year - assuming 50 actions per day
- Operating temperature: -10°C to +35°C
- Radio: 434.3 MHz, FSK
- Protocol: Openthings (One way)
- Output messages: Join, motion detected, no motion, low battery warning
- Storage temperature: -30°C to +70°C
- Transmission range: 30m+ (open space)
- Mounting height: Suggested 2.3m.
- Initialisation: 30 secs warm up after battery inserted
- LED lamp: Red blink = motion detected; Red blink twice = motion detected and message sent to Mi|Home network.
- Product Code: MIHO032

Troubleshooting
1. Any local source of radio noise may effect operation of the radio system. This may include poorly regulated fans or other devices running electric motors, noisy power supplies or other low quality electrical and electronic equipment including LED lights.
2. If your attempt to pair the transmitter unit fails please try again. Occasionally the signals between devices may be subject to noise or other outside interference which is common for radio systems of this nature.
3. The range of communication between your Gateway and the device will be affected by anything in between that may obscure the signal such as furniture, walls, ceilings, windows, doors etc.

For further help please visit **mihome4u.co.uk/ troubleshooting** or email **support@mihome4u.co.uk**

Declaration of Conformity
Sandal Plc trading as Energenie declare under our sole responsibility as importer that the product: Model: MIHO032 is in accordance with the following Directive(s):
2014/53/EC   R&TTE Directive (Article 3.1b and 3.2)
2002/96/EC   Waste Electrical and Electronic Equipment (WEEE) Directive
2011/65/EU   Restriction of the Use of Certain Hazardous Substances (RoHS) Directive Recast

The unit complies with all essential requirements of the above referenced specifications and directives and has been issued a CE mark as per directive 93/98/EEC.

The Technical Construction File required is maintained at the company headquarters at 5 Harold Close, The Pinnacles, Harlow, Essex, England, CM19 5TH.

Caution
Please be aware that any changes or modifications not expressly approved in this user guide will void the warranty on this equipment.

ENERGEN¡E ®
your switch is my command

is a trademark belonging to Sandal Plc.

energenie4u.co.uk | mihome4u.co.uk
Energenie and **Mi|**Home are brand names of **Sandal Plc**. Registered Office: Claremont House, Deans Court, Bicester, Oxon, OX26 6BW

Other Notices
THIS DEVICE AND ASSOCIATED SOFTWARE ARE NOT DESIGNED, MANUFACTURED OR INTENDED FOR USE OR RESALE FOR THE OPERATION OF NUCLEAR FACILITIES, THE NAVIGATION, CONTROL OR COMMUNICATION SYSTEMS FOR AIRCRAFT OR OTHER TRANSPORTATION, AIR TRAFFIC CONTROL, LIFE SUPPORT OR LIFE SUSTAIN-ING APPLICATIONS, WEAPONS SYSTEMS, OR ANY OTHER APPLICATION IN A HAZARDOUS ENVIRONMENT, OR REQUIRING FAIL-SAFE PERFORMANCE, OR IN WHICH THE FAILURE OF PRODUCTS COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE (COLLECTIVELY, "HIGH RISK APPLICATIONS"). YOU AGREE AND ACKNOWLEDGE THAT YOU HAVE NO LICENSE TO, AND SHALL NOT (AND SHALL NOT ALLOW A THIRD PARTY TO) USE THE PRODUCT IN ANY HIGH RISK APPLICATIONS, AND WHERE PERMITTED BY LAW SANDAL PLC SPECIFICALLY DISCLAIMS ANY WARRANTY REGARDING, AND ANY LIABILITY ARISING OUT OF, HIGH RISK APPLICATIONS.