

A

A

B

B

C

C

D

D

E

E

F

F

G

G

尺寸：220*110mm，折后尺寸为55*55mm，
材质：80g书纸，正反面，单色印刷

注：包材需符合RoHS,REACH认证要求

220mm

110mm

55mm

Smart Motion Sensor User Manual

M317-1Ever1.0

*Please read the user manual carefully before operation.
The guide picture is for reference only, please in kind prevail.

01/Product Introduction

This smart motion sensor, equipped with automatic valve adjustment technology and automatic temperature compensation technology, so the sensor stability is greatly enhanced, which can effectively prevent the sensor from false alarm and sensor sensitivity reduction caused by temperature changes.

It also adopts wireless networking technology, featured by high security and intelligent linkage characteristics. When the gateway is in "arm" status, once the sensor detects someone moving, it will send alarm signals to the smart gateway and a real time alarm message will be sent to user APP through the cloud server.

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02/Illustrations

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03/Technical parameters

Working voltage	DC 3V (CR2)
Wireless	2.4GHz
Wireless distance	≤70m(in the open area indoors)
Installation mode	Wall mounting Ceiling mounting
Detection angel	110° 360°
Mounting height	1.5m 2.8m
Detection distance	≤7m(25°C)
Illuminance detection range	0~1200Lux
Working temperature	-10°C ~ +55°C
Working humidity	≤95%(no condensation)
Dimensions	Φ42xH43mm(mounting bracket not included)

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04/Networking

- The sensor have to work with the gateway, please add the gateway to corresponding APP first.
- Long press reset button by the pin key for about 5 seconds to activate the sensor and it will also enter networking status automatically.

Reset button

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- Open the APP, select the gateway, tap " + " in my gateway page to add a subdevice, select "Smart Motion Sensor" and continue to operate according to APP prompts.

The sensor must be activated first before normal working.

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- Network inclusion: After activation, the sensor will enter networking status automatically: green LED flashes quickly (5 times/second). When green LED keeps on for 3 seconds and go off, APP will prompt network inclusion is done.
- If the sensor can not be added into the network successfully within 60 seconds, green LED will flash slowly for 3 seconds (twice/second) and go off, APP will prompt network inclusion fails.

Note: Press reset button again during networking status will stop networking process and green LED will flash slowly for 3 seconds (twice/second) and go off.

⚠ Tips

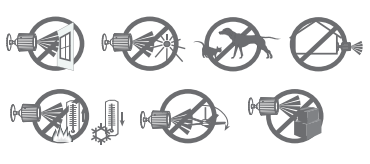
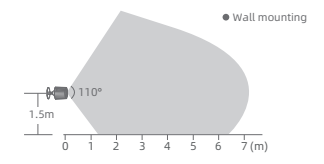
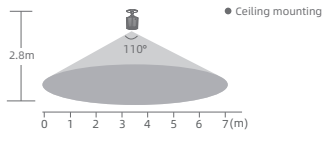
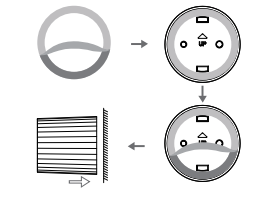
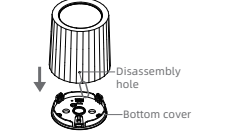
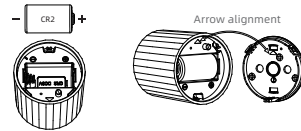
Due to the APP upgrade and update, this guideline may be slightly different from the actual operation, please follow the instructions in the APP. The user could upgraded to the official latest software version to have a better user experience.

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05/Visual indication

LED	Status
Red LED	In warm-up status, flashes for 30 seconds. Flashes for 1 second if someone moving is detected.
Green LED	Flashes quickly (5 times/second) during network inclusion status. Keeps on for 3 seconds and then goes off when networking is done. Flashes slowly for 3 seconds (twice/second) and then goes off if network inclusion fails.

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<div>06/working status instructions</div> <div><p>Warm-up status: after powered on, the sensor will enter warm-up status for 30 seconds, red LED flashes once per second.</p><p>Test status: the sensor will enter test status for about 20 minutes after warm-up period ends. In test status, when someone moving is detected, red LED will be on for about 1 second, and meanwhile "someone is moving" is reported to user APP. If it detects continuous human movement, red LED is on once/5 seconds, only if the sensor determines that no one is moving and it last for 1 munute, "No one moves" will be reported to user APP.</p><p>Power saving mode: the sensor will enter power saving mode at the end of the test mode. Power saving mode is also the sensor's long-term working mode. In power saving mode, when someone moving is detected, red LED will be on for about 1 second, and meanwhile "someone is moving" is reported to user APP.</p></div>	<div>If it detects continuous human movement, neither the indicator LED nor the APP will alert someone moving is detected. Only after "no one moves" is reported, will the alert function be recovered.</div> <div>The condition "no one moves" is reported is that the sensor determines that no one moves for a certain period of time, value is 1 minute.</div> <div>07/Installation</div> <div><ul style="list-style-type: none">Installation locations to avoid: It's forbidden to install the sensor where there is direct exposure to sunshine, under rotatable objects, near the air-conditioner or heat source, pets may touch or outdoors.Installation surface should be solid without vibration.Recommended installation locations: Install the sensor where intruder may pass by.</div>	<div></div> <div>08/ Detection area</div> <div></div>	<div></div> <div>09/Installation instructions</div> <div><p>Method 1: Attach the sensor to user chosen installation place by double-sided adhesive tape.</p><p>Notes: for wall mounting, pay attention to the "▲" icon on the bottom cover is upward.</p></div>
<div></div> <div>Method 2: Attach the mounting bracket to the user chosen installation place by double-sided adhesive tape.</div>	<div><p>Notes:</p><p>a. For wall mounting, "▲" icon on the mounting bracket should be upward. Align "▲" icon on the bottom cover and "▲" icon on the mounting bracket to lock them in place.</p><p>b. For ceiling mounting, align "▲" icon on the bottom cover and "▲" icon on the mounting bracket to lock them in place.</p><p>△Attention:</p><p>1. Make sure the installation surface is smooth, flat, stable, dry and clean.</p><p>2. After installation, check if the sensor is installed firmly on the installation surface regularly.</p></div> <div>10/Battery replacement</div> <div><ul style="list-style-type: none">Press the disassembly hole by the pin key, remove the bottom cover from the sensor body.</div>	<div></div> <div><ul style="list-style-type: none">Pay attention to the positive and negative electrode of the battery while replacing the battery. When the bottom cover is installed, please align the arrow icons shown as below. Dispose of used batteries in an environmental friendly way.<div></div></div>	<div>11/Statement</div> <div><ul style="list-style-type: none">The information in the user manual is for reference only and does not constitute any form of commitment.Without the written permission of the manufacturer, any individual or organization shall not extract or copy part or all of the contents of this user manual, and shall not spread it in any form.As the technology is constantly updated, the manufacturer reserves the right to modify the user manual without prior notice. If the user manual and the actual operations is inconsistent, please refer to the actual operations and the final interpretation is reserved to the manufacturer herein.</div>

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Shenzhen Heiman Technology Co.,Ltd

视角：		名 称： M1-EFR中性英文说明书		文件编号：	
未注明尺寸公差参照下表 线性公差： < = 2 ±0.03 > 2~25 ±0.05 > 25~75 ±0.08 > 75~100 ±0.10 > 100 ±0.15 角度公差： ±0.5°		型 号：		日 期： 2022-12-12	
		物料编号： 601012488		制 图： 梁世平	
		版 本： Ver1.0		审 核：	
		材 质：		核 准：	
		单 位： mm	图 幅： 1/1		比 例： 1:1