

Thermal Human Detector

Quick Start Guide

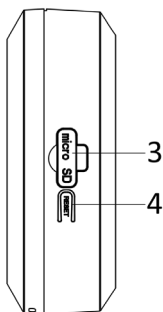
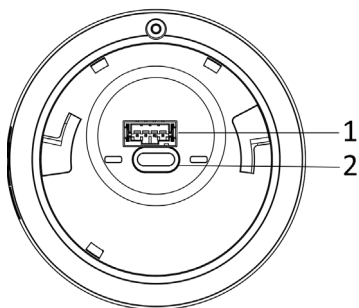


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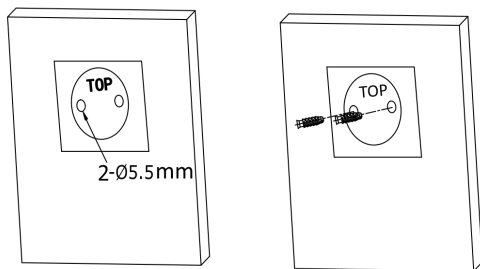
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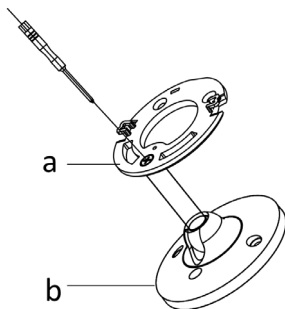
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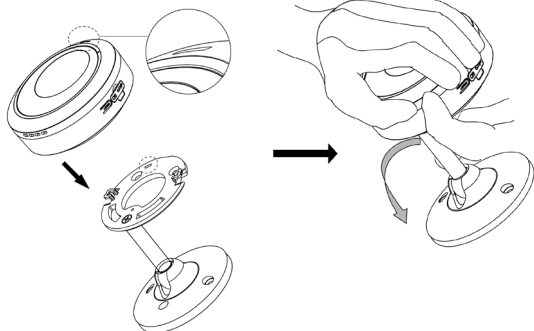
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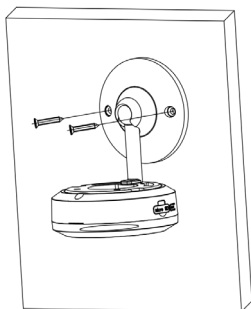
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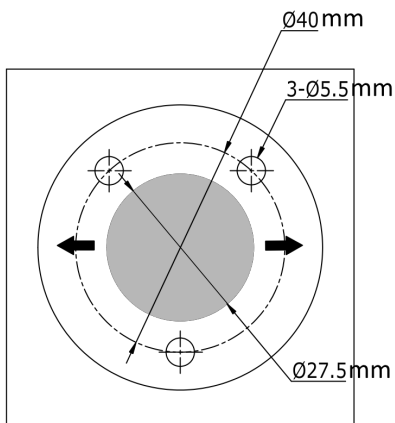


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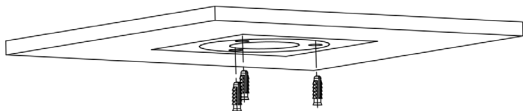


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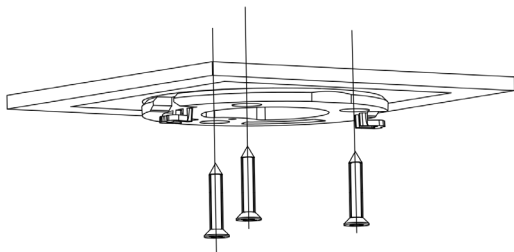
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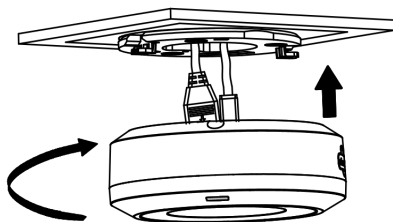
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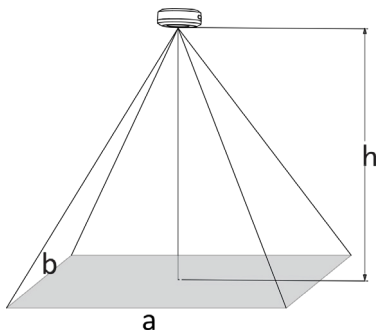


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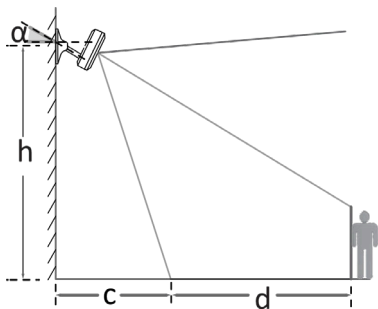
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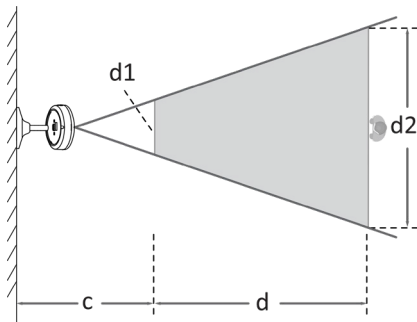


2

2.1



2.2





Product appearance is for reference only and may differ from the actual product.

Interface and Button (Page 2 - A)

1. RS-485 & Alarm Interface
2. USB Type-C
3. MicroSD Slot
4. Reset Button: Restore to default settings.

Install the Camera (Page 3 - B)

1. Wall mounting of the camera
 - a: Wall mounting bracket
 - b: Ceiling mounting bracket
2. Ceiling mounting of the camera

Note:

- The drill cable hole is within the grey circle.
- The detection area is a 4:3 rectangle.
- The arrows' direction in B-2-① is the long side of detection area.

Wi-Fi Connection

Connect to Wi-Fi via Web Browser Before You Start

Check the label on the device or the package to obtain the device serial number.

Steps

1. Connect power and start the device.
2. Enable the Wi-Fi function on your phone or computer, and select the SSID of the device.

Note: The SSID is HM-2TH_Verification Code. For example, if the verification code of the device is ABCDEF, the SSID is HM-2TH_ABCDEF.

3. Input the corresponding password of the SSID.

Note: The passwords are the last 8 digits of the device serial number. For example, if the device serial number

is D12345678, the corresponding password of the SSID is 12345678.

4. Start the browser on your phone or computer. Click Refresh on the web, and then select the Wi-Fi to be connected to.

- Input the Wi-Fi password if the device is not activated.
- Input the Wi-Fi password, user name and user password if the device has been activated.

5. Check the status of the blue indicator light to determine whether the connection is successful.

- Flash about every 2 seconds: Wi-Fi connection succeeded.
- Flash about every 0.2 seconds: Wi-Fi connection failed.

Detection Range (Page 7 - C)

The detection range of ceiling mounting in C - 1.

Mounting Height (h)	Length (a)	Width (b)
3.0 m	3.2 m	2.0 m
4.2 m (Max.)	5.7 m	3.6 m

The detection range of wall mounting in C - 2 - 2.1.

Mounting Height (h)	2.8 m
Depression Angle of Bracket (α)	57.5°
Distance of Blind Area (c)	0 m
Effective Detection Distance (d)	3 m

The detection range of wall mounting in C - 2 - 2.2.

Nearest Horizontal Effective Distance (d1)	2.3 m
Farthest Horizontal Effective Distance (d2)	5.7 m
Distance of Blind Area (c)	0 m
Effective Detection Distance (d)	3 m

Note:

The grey area refers to the effective detection area.

User Manual

For detailed information, refer to the user manual of the device.




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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the HIKMICRO website (www.hikmicrotech.com/). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance:

This device complies with Part 15 of the FCC Rules. Operation is subject to following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses 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

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply

therefore with the applicable harmonized European standards listed under the Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the

European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information, please see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery

information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information, please see: www.recyclethis.info.

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
 - (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be

so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut

fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Safety Instructions

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.

Laws and Regulations

The device should be used in compliance with local laws, electrical safety regulations, and fire prevention regulations.

Transportation

- Keep the device in original or similar packaging while transporting it.
- Keep all wrappers after unpacking them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper.
- Transportation without the original wrapper may result in damage on

the device and the company shall not take any responsibilities.

- Do not drop the product or subject it to physical shock. Keep the device away from magnetic interface.

Power Supply

- Please purchase the charger by yourself. Input voltage should meet the Limited Power Source (16 VDC) according to the IEC62368 standard. Please refer to technical specifications for detailed information.
- Make sure the plug is properly connected to the power socket.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- DO NOT connect multiple devices to one power adapter, to avoid over-heating or fire hazards caused by overload.
- DO NOT touch the bare metal contacts of the inlets after the circuit breaker is turned off. Electricity still exists.
- + identifies the positive terminal(s) of equipment which is used with, or generates direct current. - identifies the negative terminal(s) of equipment which is used with, or generates direct current.
- Ensure correct wiring of the terminals for connection to an AC mains supply.

Battery

- CAUTION: Risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. Il y a risque d'explosion si la batterie est remplacée par une batterie de type incorrect. Mettre au rebut les batteries usagées conformément aux instructions.
- CAUTION: The built-in battery cannot be dismantled. Please contact the manufacture for repair

if necessary.

- CAUTION: For long-term storage of the battery, make sure it is fully charged every half year to ensure the battery quality. Otherwise, damage may occur.
- CAUTION: This equipment is not suitable for use in locations where children are likely to be present.
- CAUTION: Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- CAUTION: DO NOT dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- CAUTION: DO NOT leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- CAUTION: DO NOT subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.

Installation

- Never place the equipment in an unstable location. The equipment may fall, causing serious personal injury or death.
- This equipment is for use only with corresponding brackets. Use with other (carts, stands, or carriers) may result in instability causing injury.

System Security

- You acknowledge that the nature of Internet provides for inherent security risks, and our company shall not take any responsibilities for abnormal operation, privacy leakage or other damages resulting from cyber attack, hacker attack, however, our company will provide

timely technical support if required.

- Please enforce the protection for the personal information and the data security as the device may be confronted with the network security problems when it is connected to the Internet. Please contact us when the device might exist network security risks.
- Please understand that you have the responsibility to configure all the passwords and other security settings about the device, and keep your user name and password.


Maintenance

- If the product does not work properly, please contact your dealer or the nearest service center. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.
- A few device components (e.g., electrolytic capacitor) require regular replacement. The average lifespan varies, so periodic checking is recommended. Contact your dealer for details.
- Wipe the device gently with a clean cloth and a small quantity of ethanol, if necessary.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the device may be impaired.
- To reduce the risk of fire, replace only with the same type and rating of fuse.
- The serial port of the equipment is used for debugging only.
- Disconnect the power source during servicing.

Using Environment

- Make sure the running environment meets the requirement of the device. The operating temperature shall be -

20 °C to 45 °C (-4 °F to 113 °F), and the operating humidity shall be 95% or less, no condensing.

- DO NOT expose the device to high electromagnetic radiation or dusty environments.
- DO NOT aim the lens at the sun or any other bright light.
- The equipment shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the equipment.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- Provide a surge suppressor at the inlet opening of the equipment under special conditions such as the mountain top, iron tower, and forest.
- Burned fingers when handling the parts with symbol . Wait one-half hour after switching off before handling the parts.

Emergency

- If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.

Manufacture Address

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Hangzhou Microimage Software Co., Ltd.

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