

# Motion sensor

## Body temperature scanning device and mask wearing check



Model number: **TMS-8-3S**

## Applications

- Body temperature screening
- Mask wearing check
- Face recognition

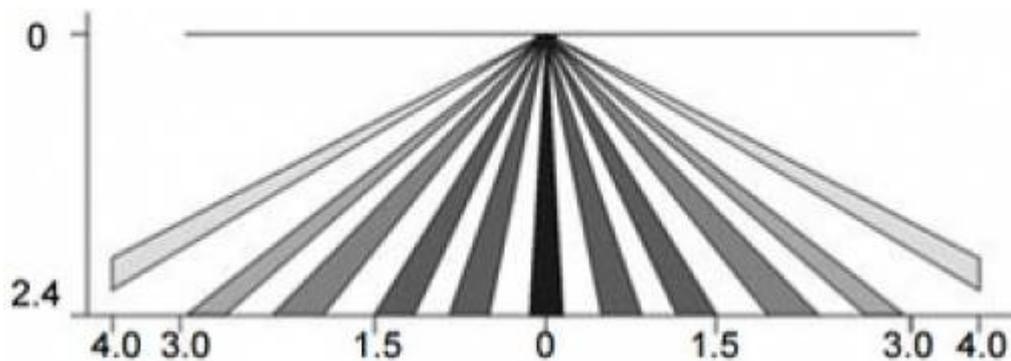
## Features

- Support real time live detection
- Support body temperature measurement and high temperature alarm
- Support temperature data interface protocol docking
- Support tracking of personnel movements under strong backlight conditions
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- Using Linux operating system, better system stability
- The camera uses H.265 Main Profile encoding, compatible with NVR and other storage devices through the ONVIF protocol
- Support TF card storage, pictures are stored continuously for 1 year or longer (depends on TF card capacity)
- Mean time between failures MTBF>50,000 H
- IP65 waterproof and dust proof
- Support 24,000 face matching library and 160,000 face recognition records
- Rich interface protocol, support TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocol, Windows/Linux
- Built-in light sensor, automatically adjust the opening and closing of the fill light
- Rich hardware interface □I/O, WG26, WG34, RJ45, USB, RS485□
- 8-inch IPS full-view HD display, no streaking and delay
- Support automatic gain control and automatic white balance
- 3D noise reduction and fog-passing technology makes the monitoring picture under low illumination more clear
- Support code stream and I frame interval setting
- Support video area partial blocking
- Support ROI coding
- Support setting maximum exposure time
- Support 2D noise reduction, 3D noise reduction
- Support recording schedule time period and upload mode setting
- Support video brightness, contrast, hue, saturation, gamma adjustment
- Support setting the maximum auto exposure time
- Support face intelligent exposure, face smart enhancement settings
- Support QR code scanning
- Temperature measurement accuracy  $\pm 0.3^{\circ}\text{C}$
- Resolution  $0.1^{\circ}\text{C}$
- Temperature measurement distance  $\leq 30\text{cm}$
- Response time 300ms

## Installation instruction

- Do not install the detector at position which faces direct or reflected sunlight or near windows with direct car headlight.
- Ensure that there are no obstructions (plants, screens, furniture etc.) in the field of view that may cause incorrect cover/operation of the detector.
- Avoid locating the detector in areas that contain equipment that may change the environment temperature rapidly (i.e. above radiator or under the air-conditioner)
- Install the detector at proper height on a rigid surface. Do not install the detector on vibrating surface.
- PIR detector is more sensitive to the motions “across” the detection zones than “toward” or “away”.

## Range and detection pattern



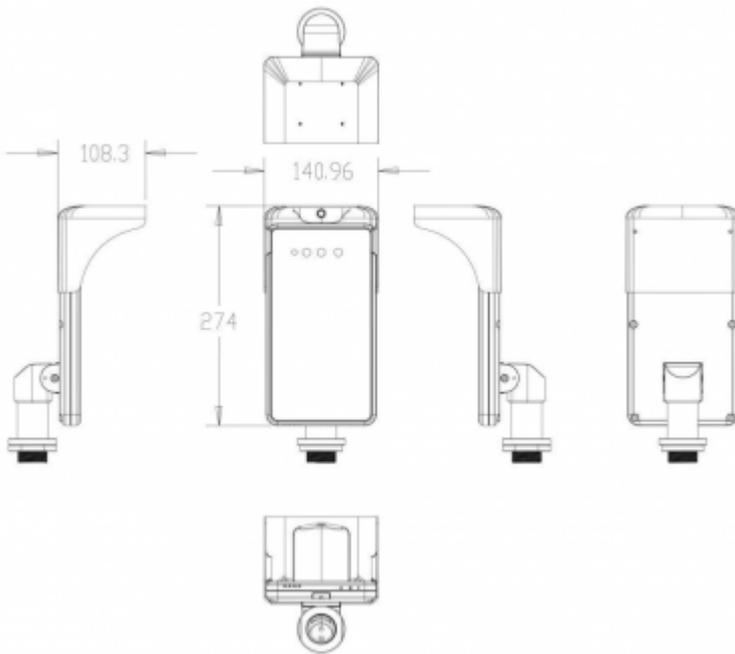
## Technical specifications

Power supply	24 VDC
Temperature	-20°C ~ 40°C
Range	7 m

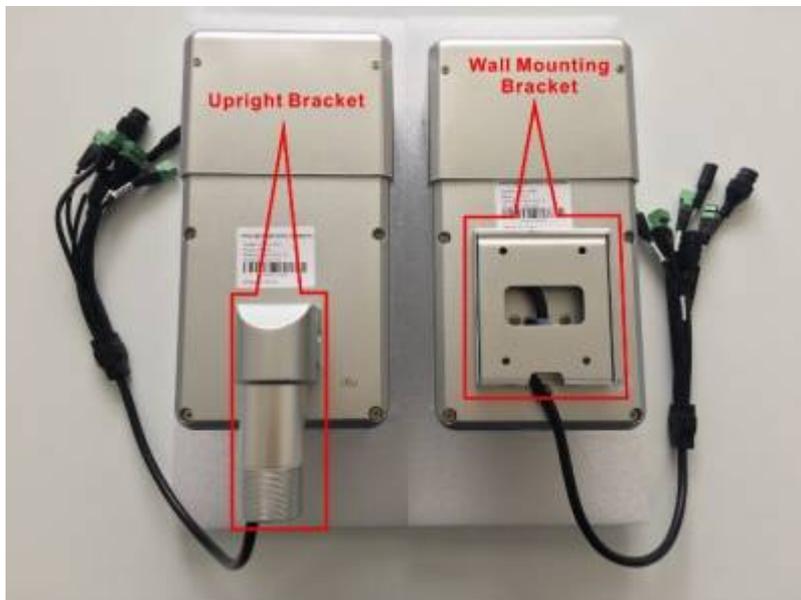
## Terminals

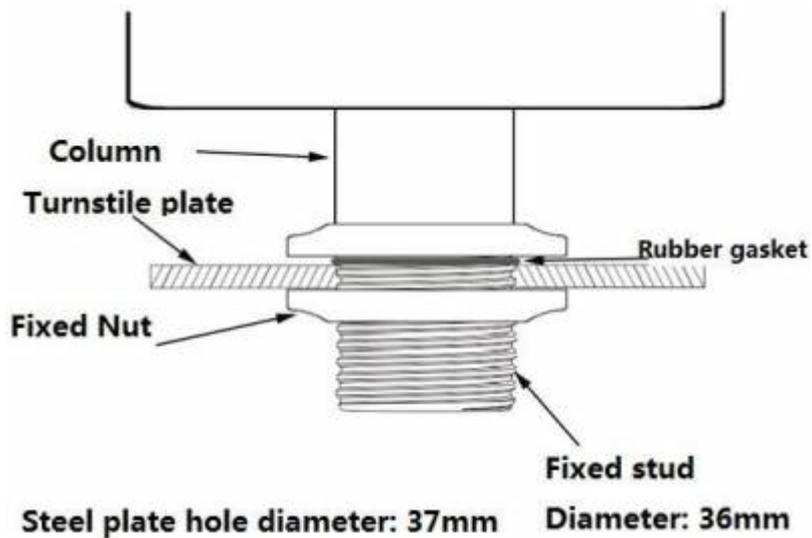
Power supply	+	Brown
	-	Blue
HIQ digital input	<b>Out</b>	Red

## Dimensions



## Mounting





1. Separate the bottom-stand from the sensor body by turning it clockwise against the sensor body.
2. Pull the wires through the hole in the middle of the bottom-stand.
3. Fix the bottom-stand on the selected location with two screws as shown on the drawing.
4. Connect the wires.
5. Fix the sensor body on the bottom-stand and turn anti-clockwise.

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