Meaningful Innovation.

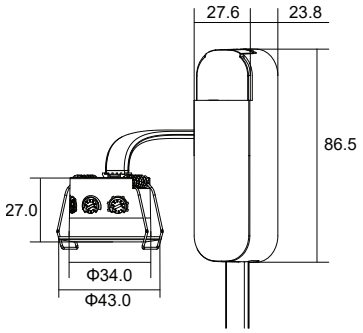
INSTRUCTION MANUAL

MINI REAL MICROWAVE PRESENCE SENSOR

TECHNICAL DATA

MODEL	VT-80034
SKU	24492
RATED LOAD	Max. 2000W [Traditional Lighting] 1000W [LED Lighting]
INPUT VOLTAGE	AC: 220-240V, 50/60Hz
HF SYSTEM	24GHz CW radar, ISM Band
AMBIENT LIGHT	<3-2000LUX (adjustable)
TIME DELAY	Min. 10sec±3sec Max. 12min±1min
DETECTION RANGE	360°
DETECTION DISTANCE	2 - 8m (radius), adjustable
WORKING TEMPERATURE	-20~+40°C
WORKING HUMIDITY	<93%RH
INSTALLATION HEIGHT	2 - 4m (Most suitable height: 3m)
POWER CONSUMPTION	>0.5W
DETECTION MOTION SPEED	0.6 - 1.5m/s





05 YEAR WARRANTY*

IP44 RATING

COMPATIBLE WITH
V-TAC LED
RANGE [UPTO 1000W]

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 5 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

WARNING

- Please make sure to turn off the power before starting the installation.
- Installation should only be done by a certified electrician.
- For indoor use only.

MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

FR

Cet appareil, ses accessoires et cordons se recyclent

À DÉPOSER EN MAGASIN ou À DÉPOSER EN DÉCHÈTERIE

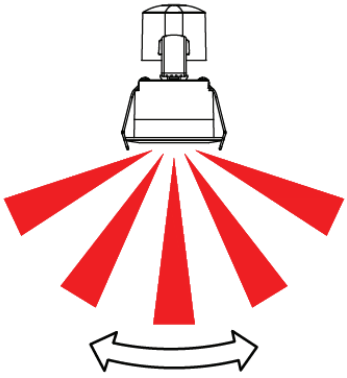
Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

Caution, risk of electric shock.

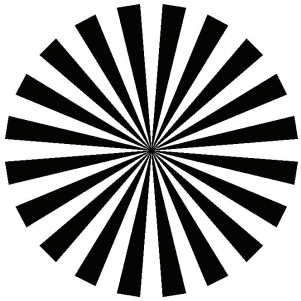
This marking indicates that this product should not be disposed of with other household wastes.

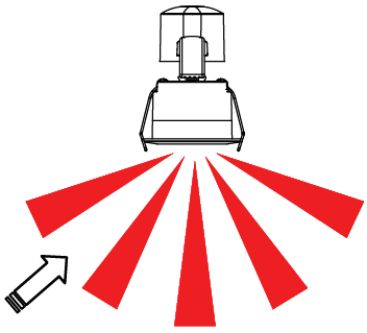
FUNCTION

- **Day/Night Detection:** The sensor can operate both during the day and at night when the light-control setting is adjusted to the "Sun" (maximum) position. When adjusted to the "3" (minimum) position, the sensor operates only under ambient light levels below 3 lux. For detailed adjustment procedures, please refer to the testing guidelines.
- **Adjustable Sensitivity (SENS):** The detection range can be adjusted to suit different installation environments. The minimum detection distance is approximately 2 meters, while the maximum detection distance reaches up to 8 meters, making it suitable for both small and large rooms.
- **Continuous Time-Delay Function:** If a subsequent motion signal is detected during the initial timing cycle, the timer will automatically reset and restart from the moment the new signal is received, ensuring uninterrupted operation.
- **Adjustable Time Delay:** The delay period can be configured to meet user requirements. The adjustable time range extends from a minimum of 10 seconds (±3 seconds) to a maximum of 12 minutes (±1 minute).



Good sensitivity



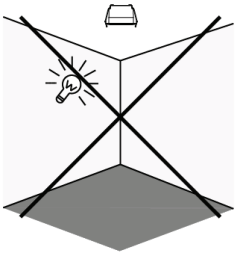


Poor sensitivity

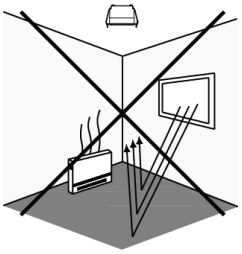
INSTALLATION ADVICE

As the detector responds to changes in temperature, avoid the following situations

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.

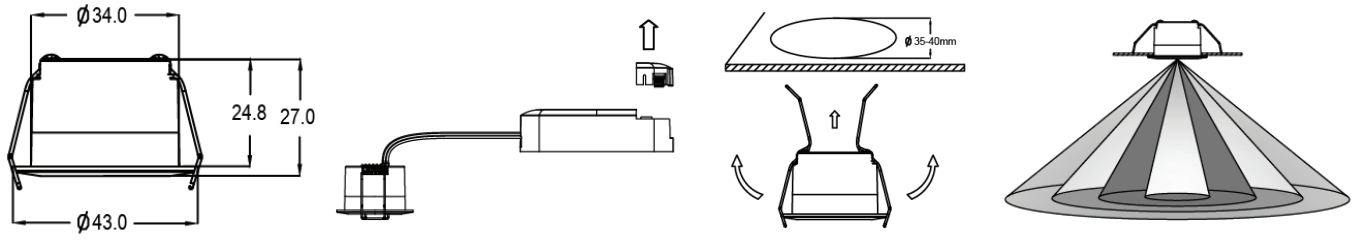




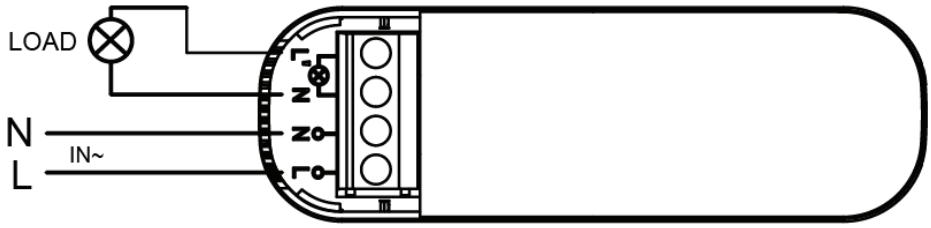


INSTALLATION INSTRUCTIONS

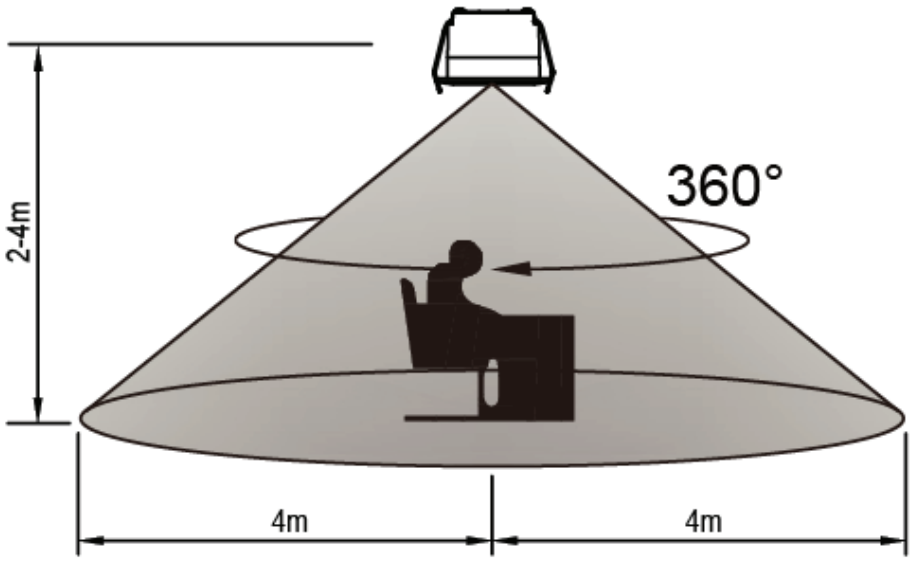
1. Switch off the power supply before commencing installation.
2. Remove the front cover of the sensor.
3. Connect the power supply wiring to the sensor terminal block in accordance with the provided wiring diagram.
4. Reattach the front cover securely to its original position.
5. Install the sensor by folding the metal spring clips upward and inserting the sensor into the prepared mounting hole or installation box. Release the spring clips to securely fix the sensor in place.
6. Once installation is complete, restore the power supply and perform a functional test to verify proper operation.



CONNECTION-WIRE DIAGRAM



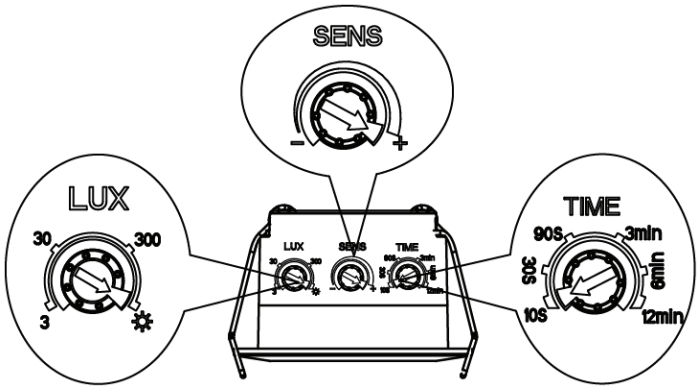
SENSOR INFORMATION



Height of installation: 2 - 4m

TEST

- Turn the LUX knob clockwise on the maximum (sun). Turn the SENS knob clockwise on the maximum (+). Turn the TIME knob anti-clockwise on the minimum (10s).
- When you switch on the power, the light will be on at once. And 10sec±3sec later the light will be off automatically. Then if the sensor receives induction signal again, it can work normally.
- When a person is within 4m of the sensor, it can detect human breathing and keeps lamp on continuously. When the distance exceeds 4m and there is no another human movement, the lamp will turn of after a setting time.



- When the sensor receives the second induction signals within the first induction, it will restart to time from the moment.
- Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is less than 3LUX (darkness), the inductor load could work when it receives induction signal.

Note: when testing in daylight, please turn LUX knob to ☀ (SUN) position, otherwise the sensor lamp could not work!

TROUBLESHOOTING

- **Load Does Not Operate**
  a. Verify that both the power supply and the connected load are functioning properly.
  b. Check whether the indicator light turns on after motion is detected. If the indicator light is on, inspect the load and its connections.
  c. If the indicator light does not turn on after detection, ensure that the sensor's operating mode is appropriate for the current ambient light conditions.
  d. Confirm that the supply voltage matches the sensor's specified operating voltage range.
- **Poor Detection Sensitivity**
  a. Ensure that the ambient temperature is within the specified operating range.
  b. Verify that the signal source (e.g., moving object or person) is located within the sensor's detection area.
  c. Confirm that the sensor has been installed at the recommended mounting height.
- **Sensor Does Not Switch Off the Load Automatically**
  a. Ensure that there are no continuous movements or signal sources within the sensor's detection area.
  b. Verify whether the time-delay setting has been adjusted to the maximum duration.
  c. Confirm that the power supply and connected load comply with the specifications provided in the product instructions.

V-TAC WEST EUROPE LTD. IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU
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