The HR50-UNI is a high performance motion detection sensor specifically designed for the activation of automatic doors. For the safe and accurate use of this product, please read this instruction manual carefully.

1 Technical Specifications

- **Power supply:** DC 12~30V, AC 12~24V, Current consumption: <= 5.4W
- **Product Size:** 120mm x 70mm x 41.5mm (W x L x H)
- **Microwave module:** 24.125GHz
- **Hold time:** 1.2 Sec.
- **Detecting field:** 5m x 3m (W x D) (Height 2.2m)
- **Current consumption:** < 1.4W
- **Contact capacity:** 1A/24VDC
- **Max install height:** 4.0m
- **Operating Temp/Humidity:** -20°C~60°C/0~90%
- **International Protection:** IP54

2 General Information

- **Connection:** 2 power wires & 2 relay contact wires.

3 Installation Guide

- **Warning:** Do not supply power during installation.
- **Warning:** Do not disassemble or modify the device, it may cause fire or electric shock.

4 Sensitivity Adjustment

- Sensitivity is adjustable by setting the volume on the sensor body.

5 Wiring Diagram

- 2 power wires & 2 relay contact wires.

6 Mounting Information

- **Avoid**:
  - Moving objects close to the sensor
  - Heavy rain and snow
  - Vibration
  - Fluorescent light sources

7 Detection Area Position Adjustment

- Adjust the Sensing module to the right and left to achieve the desired side approach detection area.

8 Wide or Narrow Detection Area Adjustment

- Rotate the Sensing module in the direction of the arrow while holding the module holder steady with your other hand.

9 Detection Field

- Sensitivity is adjustable by setting the volume on the sensor body.

10 Dipswitch Setting (Default Dipswitch Setting NO. : 2)

11 Weather Cover (sold separately)