

Microwave Motion Sensor (Uni-directional) HR50-Uni

Instruction Manual Rotech Group Pty Ltd

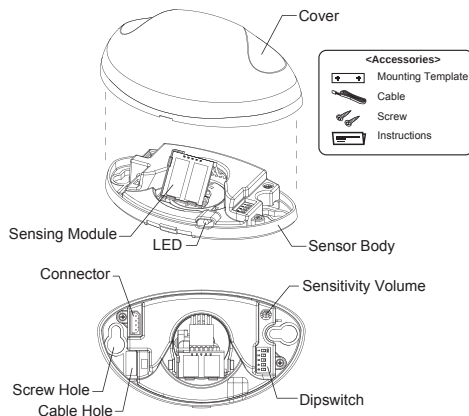
The HR50-UNI is a high performance motion detection sensor specifically designed for the activation of automatic doors.
For the safe and accurate use of this product, please read this instruction manual carefully.



1 Technical Specifications

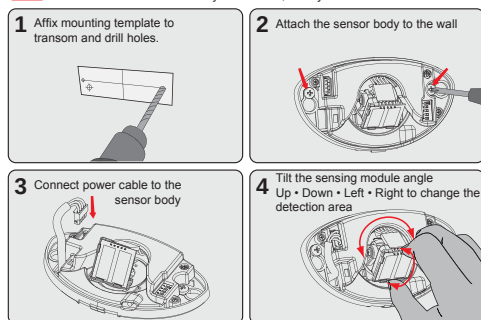
Power supply : DC 12~30V, AC 12~24V
Product Size : 120mm x 70mm x 41.5mm(W x L x H)
Microwave module : 24.125GHz
Hold time : 1.2 Sec.
Detecting field : 5m x 3m (W x D) (Height 2.2m)
Current consumption : < 1.4W
Contact capacity : 1A/24VDC
Max install height : 4.0m
Operating Temp/Humidity : -20°C~60°C/0~90%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

2 General Information

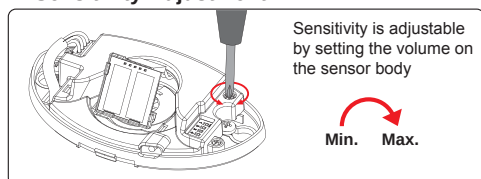


3 Installation Guide

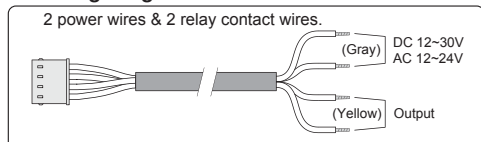
! Do not supply power during installation.
Do not disassemble or modify the device, it may cause fire or electric shock



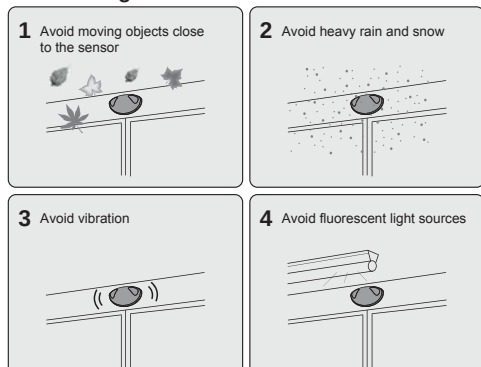
4 Sensitivity Adjustment



5 Wiring Diagram



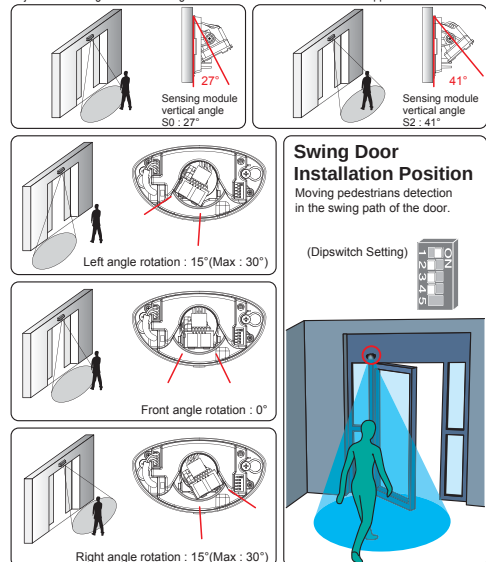
6 Mounting Information



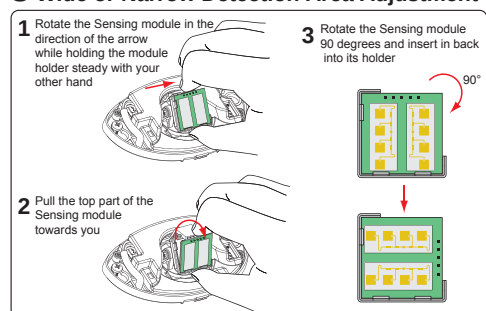
NOTE The specifications of this product can be changed without prior notice

7 Detection Area Position Adjustment

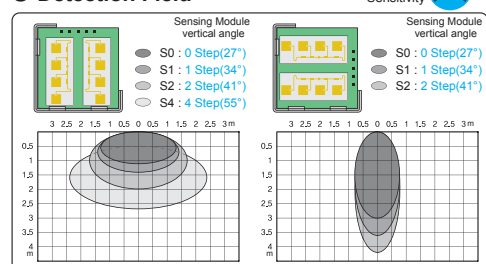
Adjust the Sensing module up and down to achieve a detection area close to or far from the door.
Adjust the Sensing module to the right and left to achieve the desired side approach detection area.



8 Wide or Narrow Detection Area Adjustment



9 Detection Field (Mounting Height : 2.2m)



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

NO.	Dip Switch	Direction	Turtle Mode	NO.	Dip Switch	Direction	Turtle Mode
1	ON 1 2 3 4 5	Left		5	ON 1 2 3 4 5	Right	
2	ON 1 2 3 4 5	Left		6	ON 1 2 3 4 5	Right	
3	ON 1 2 3 4 5	Left		7	ON 1 2 3 4 5	Right	
4	ON 1 2 3 4 5	Left		8	ON 1 2 3 4 5	Right	
9	ON 1 2 3 4 5	Left					
10	ON 1 2 3 4 5	Left					
11	ON 1 2 3 4 5	Left					

Turtle mode (slow speed detecting mode) Relay holding time 1 unit is 1 second

11 Weather Cover (sold separately)

