HITRON SSR-3 Combined Technology Sensor for Automatic Sliding Doors Installation Guide
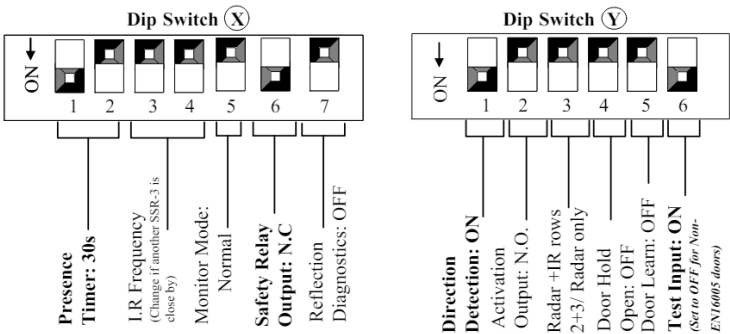
Contents

MOUNT THE SENSOR

Using the mounting template supplied mount the sensor within 50mm of the bottom of the door controller cover

Max 50mm

3.2m (10.5ft)
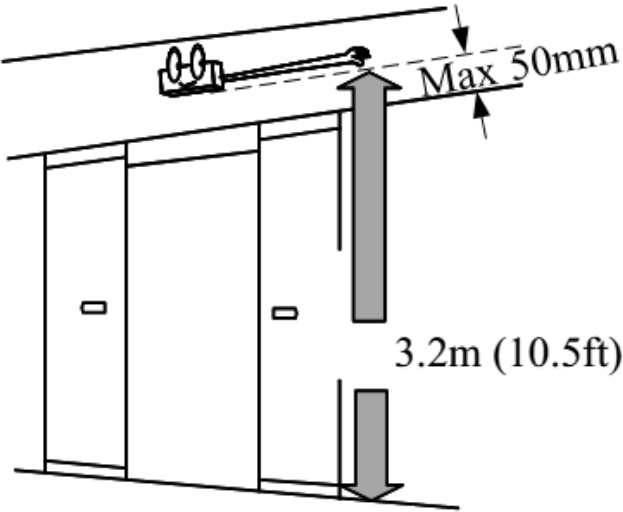
SET MAIN DIPSWITCHES AS ILLUSTRATED

Dip Switch X

ON

1 2 3 4 5 6 7

Presence Timer: 30s

I.R Frequency (Change if another SSR-3 is close by)

Monitor Mode: Normal

Safety Relay Output: N.C

Reflection

Diagnostics: OFF

Dip Switch Y

ON

1 2 3 4 5 6

Direction Detection: ON

Activation Output: N.O.

Radar +IR rows 2+3 / Radar only

Door Hold Open: OFF

Door Learn: OFF

Test Input: ON *(Set to OFF for Non-EN16005 doors)*

CONNECT TO THE DOOR CONTROLLER

Note: *For EN16005 door controllers set Y6 to "ON" and connect the Gray & Brown wires to the door controller. If the door controller does not have a "TEST INPUT" set Y6 to "OFF" and do not connect the Gray & Brown wires*
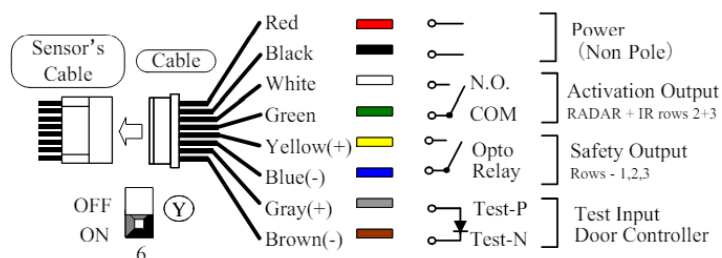
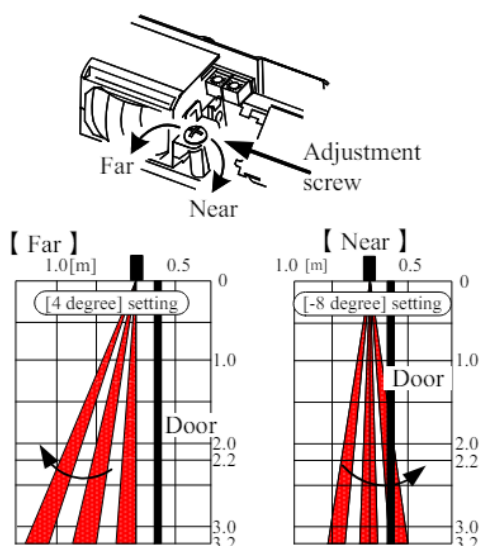## LED INDICATORS
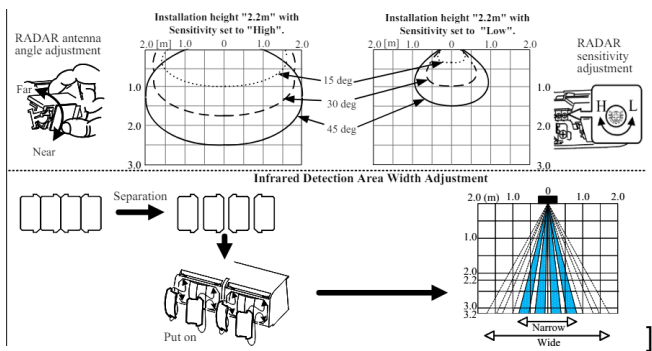
Green   Standby
Flashing Green   Doorway Learning (When dip switch Y 5 is ON) Flashing Green (once)   When responding to the TEST signal
Blue   RADAR Detecting
Red   ROW 3 Detecting
Slow flashing Red   ROW 2 Detecting
Fast flashing Red   ROW 1 Detecting
Orange   Detection row "ROW1"("ROW2" when doorway Learning is turned ON) is detecting door movement
Fast flashing Orange   Indicates a change of dip switch settings
Slow flashing Orange   Door Hold is turned ON (When dip switch Y 4 is ON) Fast flashing
Green/Red   Internal Sensor Error
Slow flashing Green/Red   Reflected infrared signal from the floor is very low

SET SAFETY DETECTION AREA

Note: Adjust the depth adjustment lever arm so that the detection area is directly in front of the moving door leaf
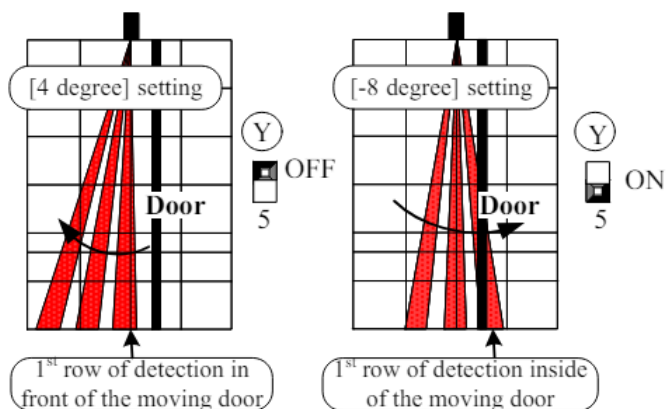

SET DESIRED DOOR OPENING DETECTION AREA

Installation height "2.2m" with Sensitivity set to "High".
Installation height "2.2m" with Sensitivity set to "Low".

RADAR antenna angle adjustment — Far / Near — 15 deg / 30 deg / 45 deg

RADAR sensitivity adjustment — H / L

Infrared Detection Area Width Adjustment

Separation — Put on — Narrow / Wide

DOOR LEARN

Turning Door Learn **ON (Y5),** allows the 1st row of detection to be focused inside the door close area without detecting door movement.
When Door Learn is turned on, the red LED will blink once, followed by a green blinking LED, which will turn solid green once the door learn process has been completed
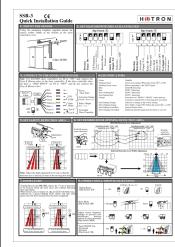

[4 degree] setting — Y OFF 5 — Door — 1st row of detection in front of the moving door

[-8 degree] setting — Y ON 5 — Door — 1st row of detection inside of the moving door

OTHER USEFUL DIPSWITCH SETTINGS

Output Radar (Dip Switch: **Y3**)	☆ OFF — RADAR + IR rows 2+3 (3)	ON — RADAR (3)
Snow Mode (Dip Switch: **X5**)	☆ Normal (5)	Snow (5)
Adjust sensor frequency settings to prevent cross interference between sensors in close proximity (Dip Switch **X3,4**)	☆A 3 4 — B 3 4	C 3 4 — D 3 4
Turn ON/OFF Uni-directional detection (Dip Switch: **Y1**)	OFF (1) ✓ ✓	☆ ON ✓ ✗

Activate Windows

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SSR-3 Combined Technology Sensor for Automatic Sliding Doors, SSR-3, Combined Technology Sensor for Automatic Sliding Doors, Technology Sensor for Automatic Sliding Doors, Sensor for Automatic Sliding Doors, Automatic Sliding Doors, Sliding Doors

References

- **User Manual**