

HR100-CT

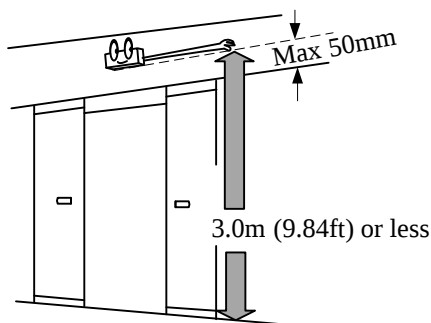
Quick Installation Guide

HOTRON

INSPIRING CONFIDENCE

1. MOUNT THE SENSOR

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

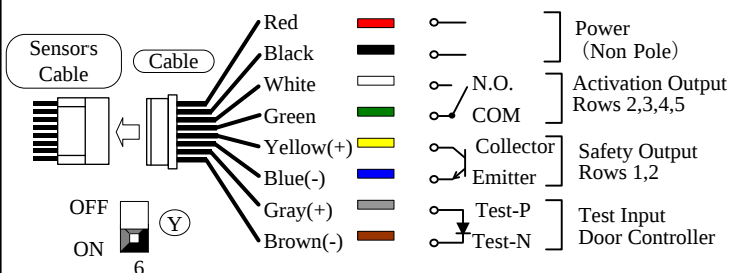


2. SET MAIN DIPSWITCHES AS ILLUSTRATED

Dip Switch (X)								Dip Switch (Y)							
ON	1	2	3	4	5	6	7	8	ON	1	2	3	4	5	6
Presence Timer: 30s No. Rows of Detection: 5 rows Frequency: A (Change if another HR100 sensor is close by) Safety Output: N.C. Reflection Diagnostics: OFF								Direction Detection: OFF Activation Output: N.O. Monitor (Snow) Mode: OFF Door Hold Open: OFF Door Learn: OFF Test Input: ON (Set to OFF for non-EN16005 doors)							

3. CONNECT TO THE DOOR CONTROLLER

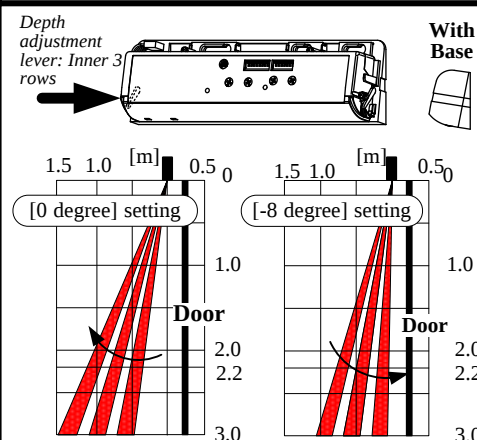
Note: For EN16005 door controllers set Y6 to "ON" and connect the Gray & Brown wires to the door controller. If the door controller does not have a "TEST INPUT" set Y6 to "OFF" and do not connect the Gray & Brown wires



4. LED INDICATORS

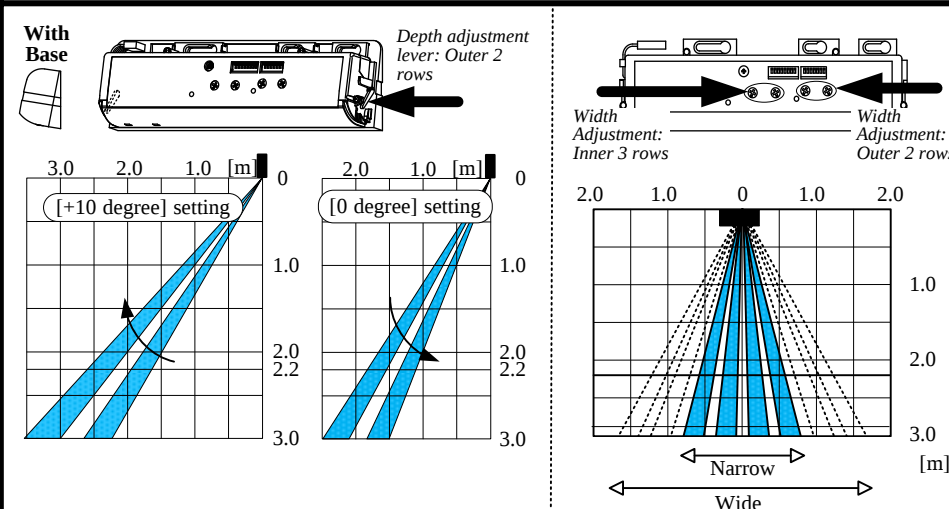
Green:	Standby (Ready to Detect)
Blue:	ROW 4,5 Detecting.
Red:	ROW 1,2,3 Detecting.
Orange:	Sensor is detecting moving door
Green blinking:	Doorway Learning (Y5 is ON).
Orange blinking (Fast):	Change of dip switch settings.
Orange blinking (Slow):	Door Hold is turned On (Y4).
Green/Red blinking (Fast):	Internal Sensor Error.
Green/Red blinking (Slow):	Reflected infrared signal from floor is very weak.

5. SET SAFETY DETECTION AREA



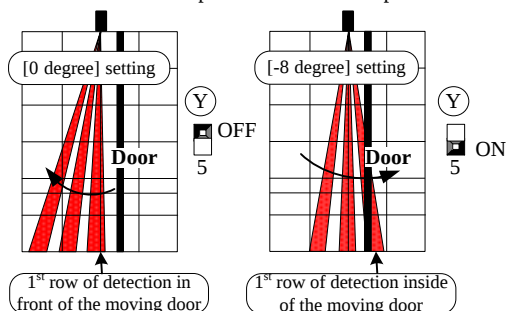
Note: Adjust the depth adjustment lever arm so that the detection area is directly in front of the moving door leaf. The sensor base can be removed if required.

6. SET DESIRED DOOR OPENING DETECTION AREA



7. 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.



Note: Sensor base plate will probably have to be removed to allow the 1st row of detection to be focused inside the moving door leaf

8. OTHER USEFUL DIPSWITCH SETTINGS

Delete rows of detection (Dip Switch (X))	5 Rows ON: R5 4 Rows ON: R4 3 Rows ON: R3 2 Rows ON: R2
Snow Mode (Dip Switch (Y))	☆ Normal Snow
Adjust sensor frequency settings to prevent cross interference between sensors in close proximity (Dip Switch (X))	☆ A B C D
Turn ON/OFF Uni-directional detection	☆ OFF ON