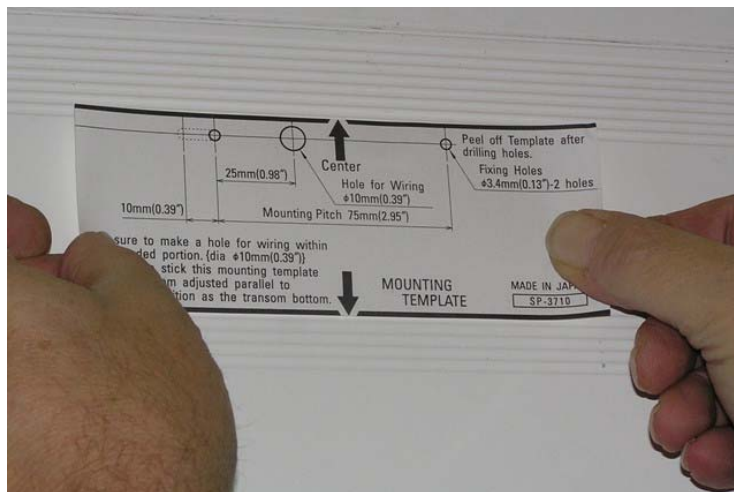


Installation Instructions Lite For HR100-2



HR100-2 mounting preparation

1. Stick mounting template on the door drive cover and drill holes as outlined



2. Feed sensor cable through the larger hole as shown below



3. Using the screw holes drilled and screws provided with the sensor attach the sensor to the door drive cover. (Ensure the cable is brought through the square hole at the top of the sensor)

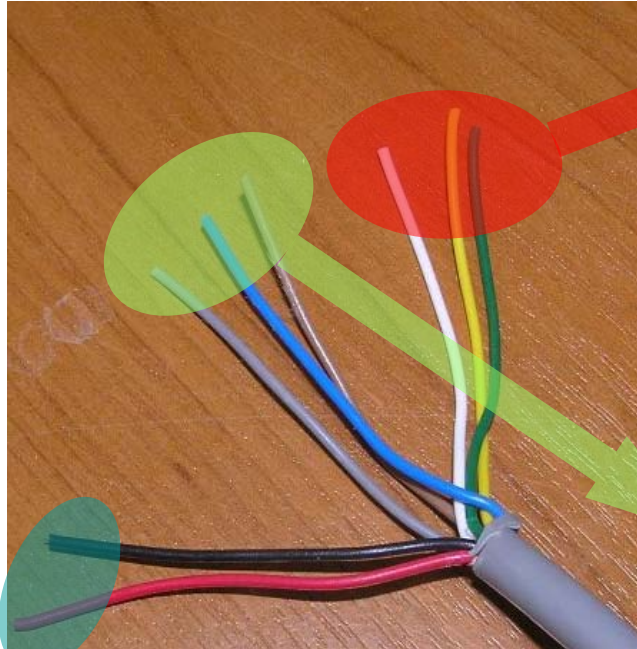


4. Connect male/female connectors as shown

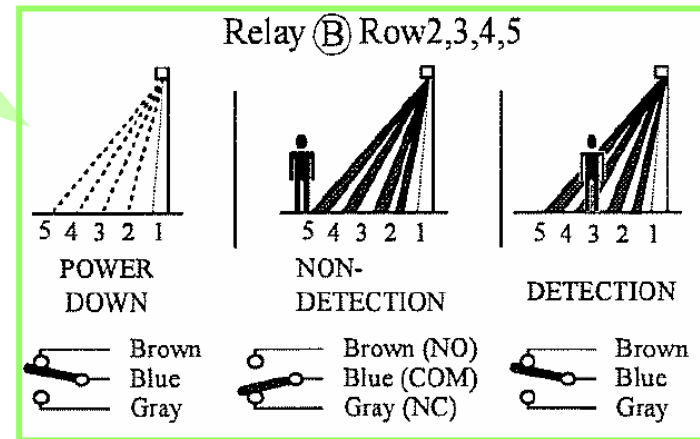
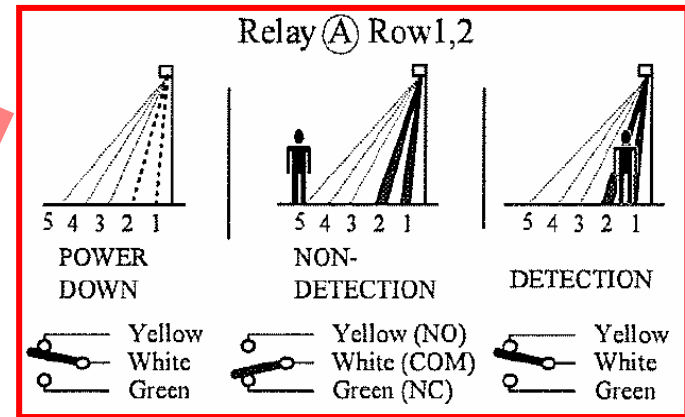




HR100-2 wiring preparation



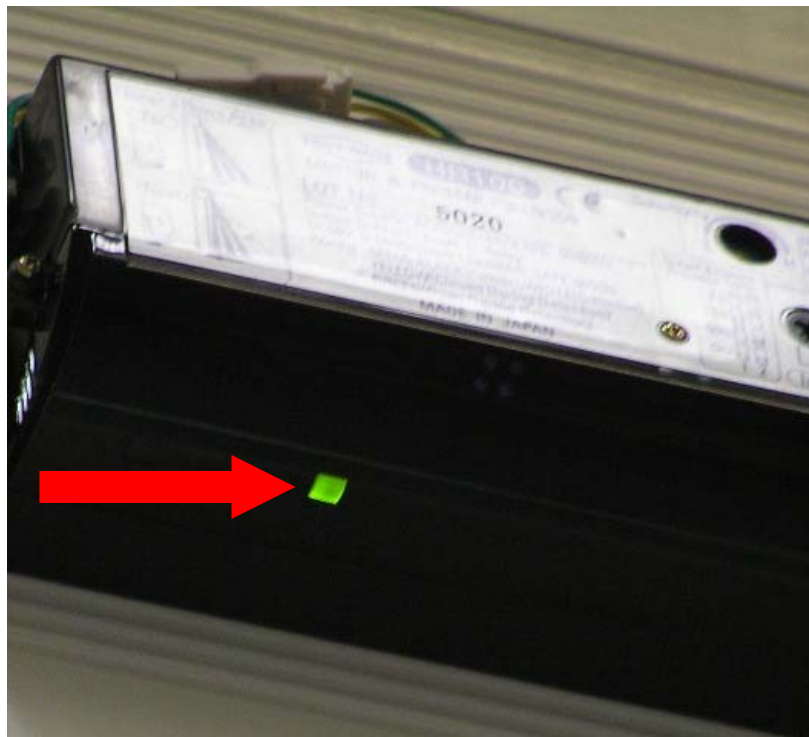
Non Pole Power





HR100-2 wiring

5. At this stage if you place the door drive cover back into position and clear the detection area the LED on the underside of the HR100-2 should indicate that power is been delivered to the sensor.



Green LED =	Ready to detect
Red LED =	Detecting
Orange LED =	Detection row 1 is focused too close to the door and is actually detecting door motion



HR100-2 dipswitch set-up

Presence timer inner 3 rows

☆ 2sec	<input type="checkbox"/>	<input type="checkbox"/>
15sec	<input type="checkbox"/>	<input type="checkbox"/>
60sec	<input type="checkbox"/>	<input type="checkbox"/>
infinity	<input type="checkbox"/>	<input type="checkbox"/>
	1	2

Recommended = 60 sec

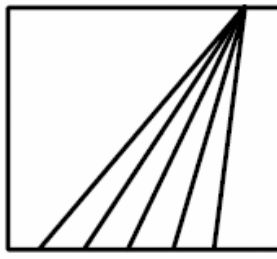
Presence timer outer 2 rows

☆ 2sec	<input type="checkbox"/>
15sec	<input type="checkbox"/>
3	<input type="checkbox"/>

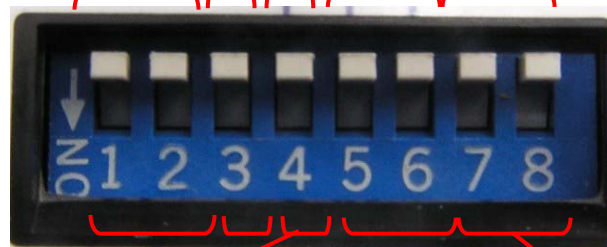
Recommended = 2 sec

Number of detection rows

☆ R5	<input type="checkbox"/>	<input type="checkbox"/>
R4	<input type="checkbox"/>	<input type="checkbox"/>
R3	<input type="checkbox"/>	<input type="checkbox"/>
R2	<input type="checkbox"/>	<input type="checkbox"/>
	5	6



Number of detection rows can be adjusted depending on detection range requirements



Standard = Normal

Snow Mode

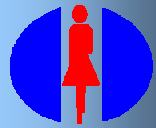
☆ Normal	<input type="checkbox"/>
Snow	<input type="checkbox"/>
	4

☆ Default manufacturer settings

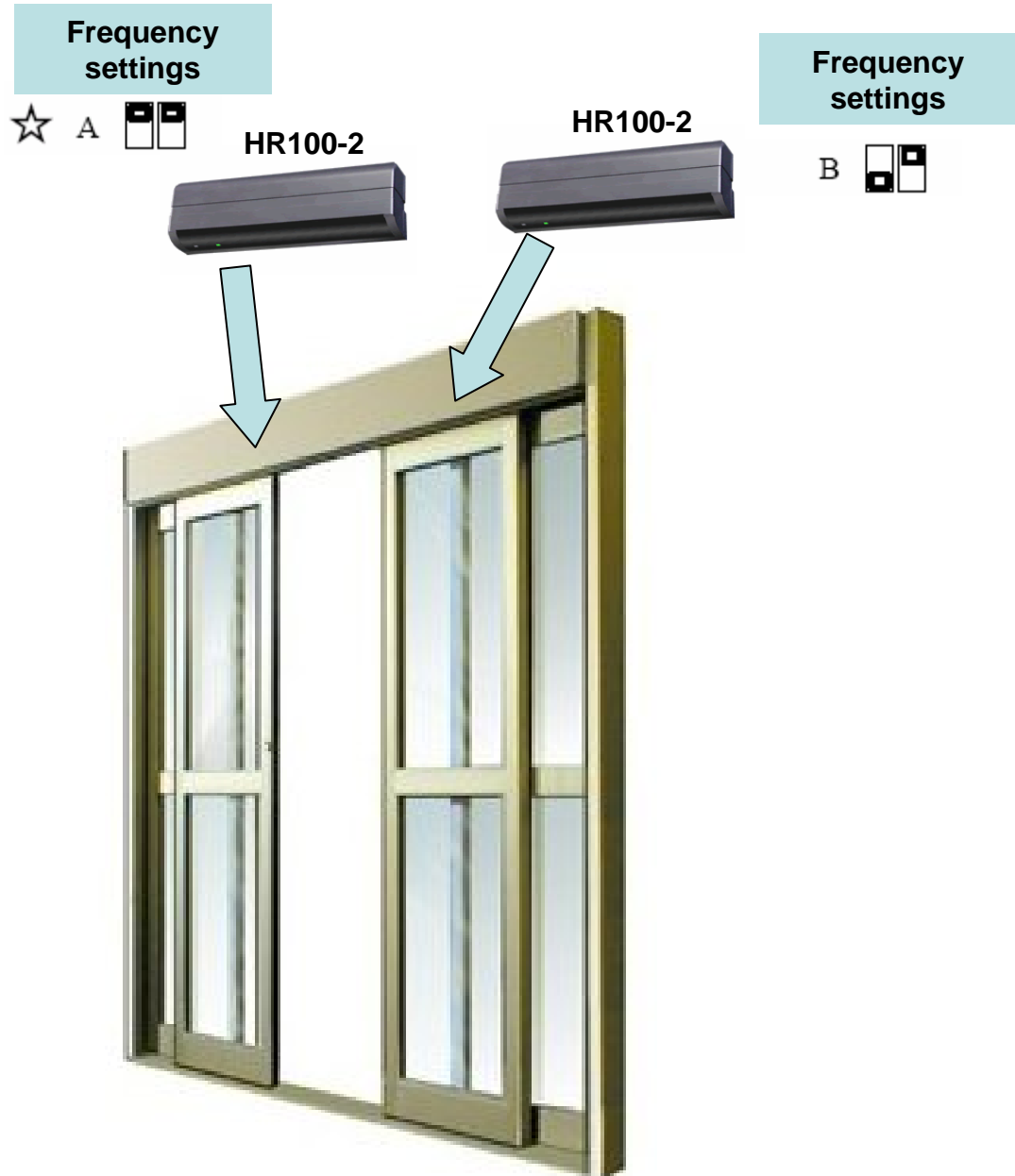
Frequency settings

☆ A	<input type="checkbox"/>	<input type="checkbox"/>
B	<input type="checkbox"/>	<input type="checkbox"/>
C	<input type="checkbox"/>	<input type="checkbox"/>
D	<input type="checkbox"/>	<input type="checkbox"/>
	7	8

If two units of HR100-2 are installed in close proximity to each other then the frequency settings for each sensor should be set differently



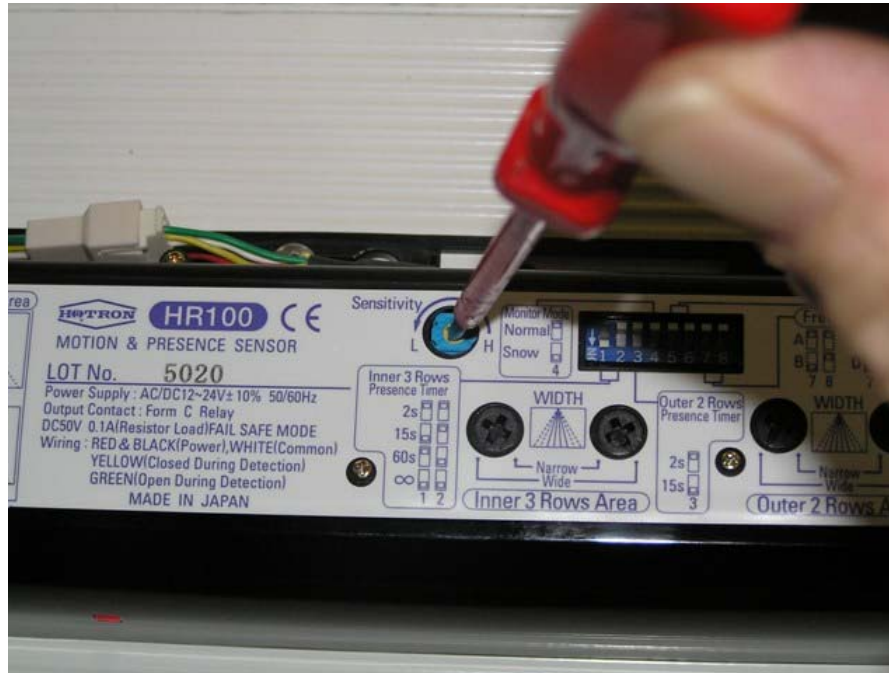
HR100-2 recommended frequency set-up when two units are in close proximity



☆ Default manufacturer settings



HR100-2 other set-up parameters

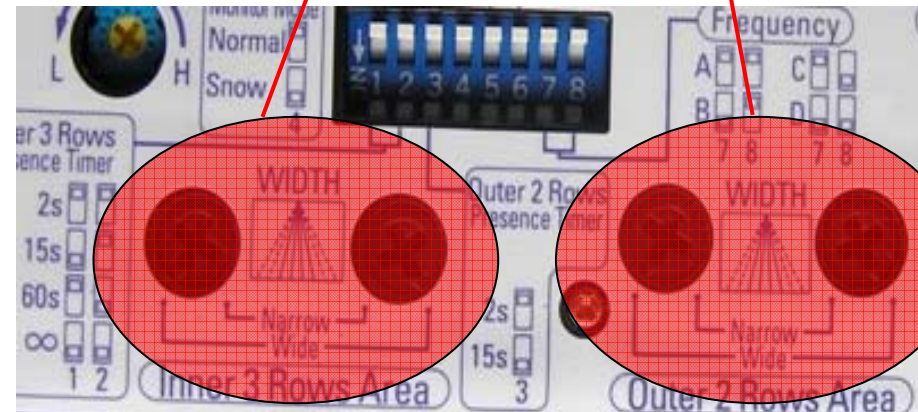


Adjustment of sensitivity can be used in instances where the sensor is installed above a highly reflective floor surface. Instances where sensitivity needs to be adjusted are rare

**Width
adjustment
inner 3 rows**

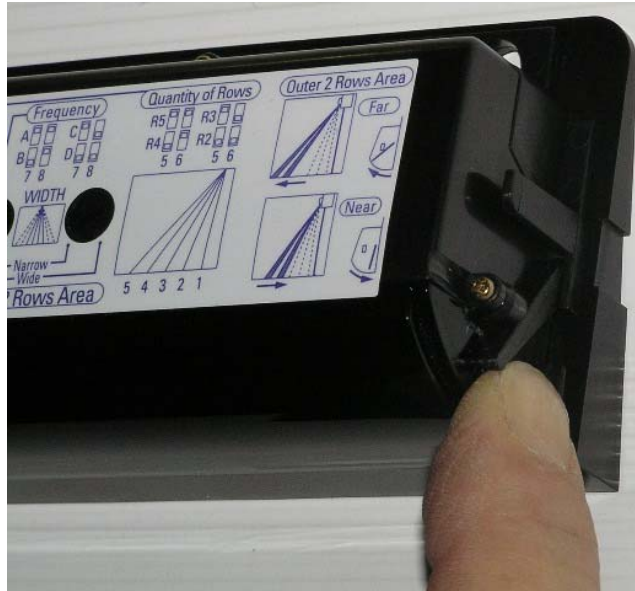
**Width
adjustment
Outer 2 rows**

The detection width of the outer 2 rows can be adjusted independently from that of the inner 3 rows using the “Area Masks” highlighted in red

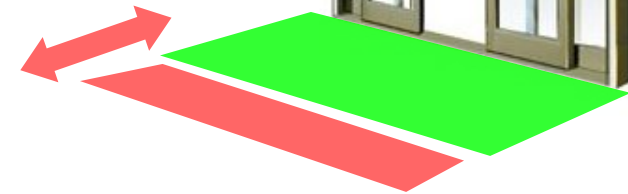




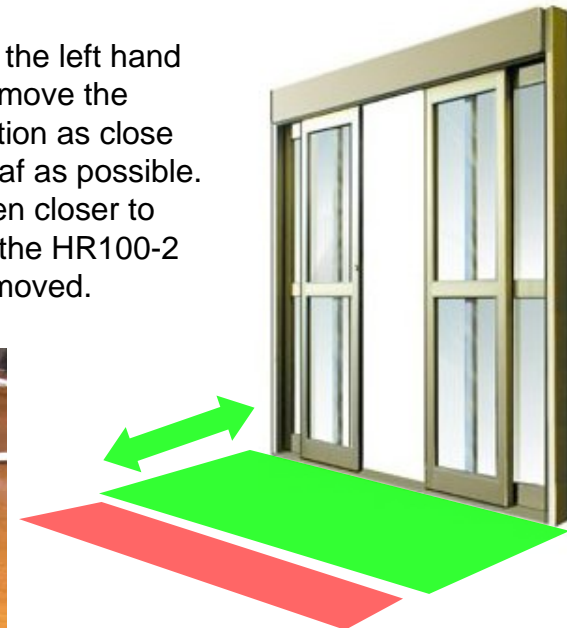
HR100-2 other set-up parameters



Use the lever arm on the right hand side of the sensor to increase/decrease the detection distance of the outer 2 rows



Use the lever arm on the left hand side of the sensor to move the inner 3 rows of detection as close to the moving door leaf as possible. If you need to get even closer to the moving door leaf the HR100-2 back plate can be removed.





HR100-2 Cover Installation

Once the preceding set-up has been carried out and the sensor walk tested to your satisfactions the sensor cover can be replaced as shown below.

