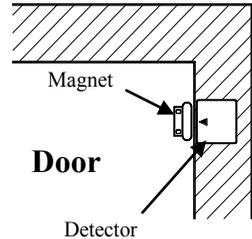
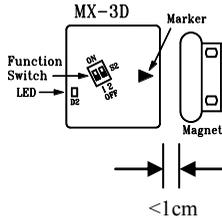


## i4H-MX-3D MINI DOOR MAGNET DETECTOR

### INTRODUCTION

The i4H-MX-3D is a mini type door magnetic contact detector. With a built-in reed switch sensor and radio transmitter, it can be used to secure doors, windows and even drawer, closet or cupboard.



### INSTALLATION

#### A. Enrolling Code

1. Open the case by using a blade type screw driver from the marker side and insert a 3V CR-2032 Lithium battery. (Panasonic is recommended).
2. Keep pressing the Clear/Enroll Button on i4H-LS-20 for over 3 seconds and then release it, the i4H-LS-20 would keep beeping and all LEDs blink. This means the system is ready for enrolling device.
3. Within 30 seconds place the supplied magnet closely to the mark of the transmitter, or place the magnet away from the transmitter if they are close originally. If you hear 3 short beeps from the i4H-LS-20 soon later then enrolling succeeds, otherwise you will hear one long beep after 30 seconds that means enrolling fails, you have to repeat enrolling action.

Note: Avoid activating any other sensors during the 30 seconds Device Enroll period.

Remarks: In case you have to change the device's attribute, please configure it on the cloud web directly.

#### B. Mounting

**(Important Notice: This sensor can't be mounted on a metal surface, otherwise the RF distance would be very short.)**

1. To attach the Detector on the fixed frame by using the supplied double-stick tape. The marker side should close to the magnet.
2. Attach magnet to the movable part (door or window) near the transmitter's marker side. Keep the gap within **1 cm** when door/window is closed.

Note:

- 1) For the protection of drawer, closet or cupboard, the Magnet and Detector should be attached on the inside of the protected objects if possible.
- 2) The RF transmission range will be extremely shrunk due to radio signal attenuation if the transmitter is mounted on a metal surface. In this situation, please use i4H-TX-3DS type detector with an external sensor.

#### C. Test

1. Momentarily open the door/window, the transmission LED lights, showing that RF transmission is in progress.
2. Please refresh the STATUS page of the cloud cloud to check if the open/close state is consistent.

#### D. Function Switch (S2)

SW1	On	Sending Open and Close signal when door opens and closes. (default)
	Off	Sending trigger signal only when door opens.
SW2	On	Sending heartbeat signal to Base Unit in every hour.(default)
	Off	Without sending heartbeat signal to save power consumption.

#### **SPECIFICATIONS**

Power: one 3V CR-2032 lithium battery

RF signals: Trigger or Open/Close (selectable), Battery Low, Heartbeat (@60 min., selectable), Power on Reset (@power on)

Current Drain: 8uA @ standby, 20mA @ RF operation

Estimated Battery Life: 1.5 year (@ actuated 10 times/day)

Operating Temperature: -10~ 40°C

Detector Size: 35 x 38 x 10 mm

Detector Weight: about 12g (with battery)

