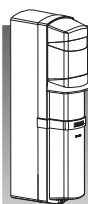




# INSTALLATION INSTRUCTIONS



BATTERY OPERATED PHOTOELECTRIC DETECTOR  
**Smart Line™ series**  
**OPTION**

CR123A Battery Holder

Battery holder when using CR123A as a power source.

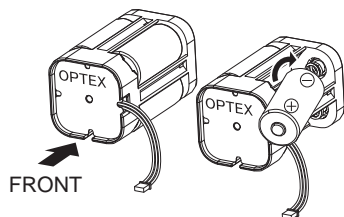
## CRH-5

### PARTS IDENTIFICATION

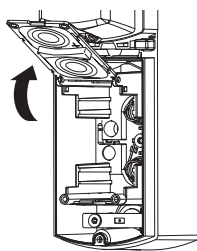
Battery Holder x2

## INSTALLATIONS

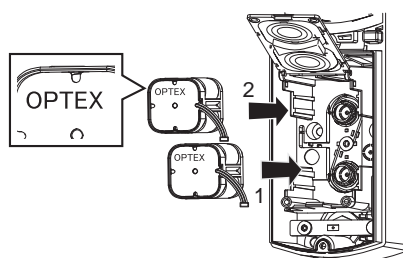
**1** Insert CR123A battery (4 pcs per 1 unit, total 8 pcs) into Battery Holder. Ensure the positive terminals are facing toward the front.



**2** Open the battery plate in the direction of the arrow.

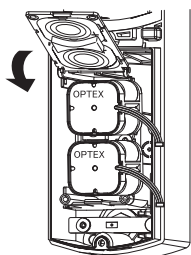


**3** Insert CRH-5 into battery box in order of lower to upper.

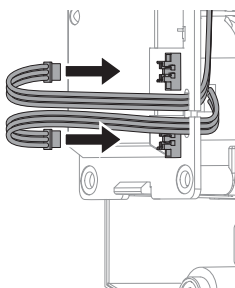


**Note>>**  
 Insert CRH-5 in the direction where OPTEX logo is readable.

**4** Close the battery plate.



**5** Route connectors from CRH-5 through the notches of battery plate and connect the CRH-5 male connectors to the female connectors of the battery plate.



**Note>>**  
 When the battery replace, remove the connector of CRH-5 before open the battery plate.

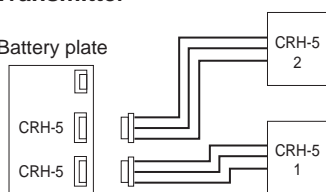
### Warning

Do not mix batteries that have different levels of power remaining (i.e., new and used batteries or batteries of different manufacturers).  
 Not observing the above may result in an explosion, leakage of electrolyte, emission of toxic gases or other outcomes that may be harmful to people and property.

## SYSTEM DIAGRAM

Receiver  
 Transmitter

Battery plate



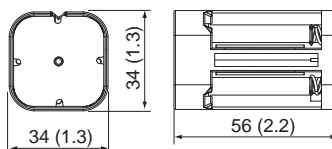
### Caution

If a short circuit occurs, the detector will not function. Replace the battery holder with a new one.

### Note>>

When sharing the CRH-5 power sources with the wireless transmitter, use BCU-4 (option Battery Common Unit).

## DIMENSIONS



Unit: mm (inch)

## SPECIFICATIONS

Power source	3.0 VDC CR123A lithium battery
Operating temperature	-20°C to 60°C (-4°F to 140°F)
Operating humidity	95% (max.)
Dimension	HxWxD mm (inch): 34 (1.3) x 34 (1.3) x 56 (2.2)

### OPTEX CO., LTD. (JAPAN)

URL: <http://www.optex.net/>

### OPTEX INC. (U.S.)

URL: <http://www.optexamerica.com/>

### OPTEX DO BRASIL LTDA. (Brazil)

URL: <http://www.optex.net/br/es/sec/>

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