



# 15M PHOTOELECTRIC BEAM SENSOR (INDOORS)

**PH-15FA** (FLUSH) **PH-15SA** (SURFACE)



**PH-15FA** (FLUSH)

## FEATURES :

- Detection Range ( Indoors ) : 15m.
- Rain-breaker design ( Flush Mount ) with IP Rate 54.
- Alignment Angle ( Flush Mount ) : Horizontal  $\pm 15^\circ$  , Vertical  $\pm 5^\circ$
- Alignment Angle ( Surface Mount ) : Horizontal  $\pm 90^\circ$  , Vertical  $\pm 5^\circ$
- High Grade Aspherical Lens.
- 3-step LED indicator to make alignment much easier.



**PH-15SA** (SURFACE)



ISO 9001 : 2008

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PH-15FA (FLUSH)



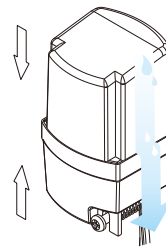
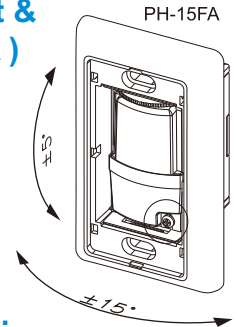
PH-15SA (SURFACE)



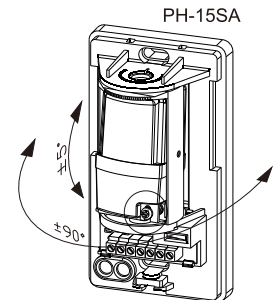
- Indoors/Outdoors, Flush Mount & Rain-Breaker Design ( PH-15FA )

- Suitable to apply to Garage Security system.

- Flush/Surface Mount for option.



Rain-Breaker Design ( PH-15FA )



Horizontal / Vertical Beam Adjustment

PRODUCT CODE	PH-15FA	PH-15SA
Protection Range	15 M ( Indoor )	
Max. Arrival Distance	150 M	
Current Consumption	Transmitter : 12mA (Max. 16mA) Receiver : 24mA (Max. 26mA)	
Power Supply	10.5V ~ 28VDC (Non-Polarity)	
Detection System	Infrared Pulsed Beam Interruption System.	
Beam Characteristics	Pulsed Infrared, 1000 pps	
Response Time	150ms (100~200ms)	
Interruption Time	1 sec	
Alarm Output	Dry Contact Relay NC. / NO. 0.2A / 30VDC ( when beam is blocked )	
Tamper Output	None	Dry Connect Relay NC./NO. 0.2A/30 VDC ( NC. Opens when cover removed )
Alarm LED	Transmitter : Green LED ON, under transmitting. Receiver : Red LED ON, when and alarm is initiated. Yellow LED ON, weak signal. Red & Yellow OFF, normal condition.	
LED Indicator	3-step LED Indicator	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Environment Humidity	95% (Max.)	
Wiring	AWG26	Terminals
Beam Alignment	Horizontal ±15° Vertical ±5°	Horizontal ±90° Vertical ±5°
Mounting Position	Indoor / Outdoor / Flush Mount	Indoor / Surface Mount
Weight	195 grams	275 grams
Dimension (mm)	70.0 x 120.0 x 44.0 (mm)	70.6 x 130.6 x 56.5 (mm)
Accessories	Screw 5/32" x 1" X 4 pcs Attenuation sheet X 1 pc	

## DIMENSIONS :

