CURTAIN PHOTOELECTRIC BEAM SENSOR

Interstellar

PHC-50L／PHC-100L　PHC-150L／PHC-200L

MORE DEFENCE, MORE SECURITY

FEATURE：

● With 4/8/12/16 beams design for various location, indoor/outdoor available.

● Detection system is based on breaking off 1 dual 2 beams, to prevent false action.

● Mechanism design with Rain, Dust & Insects Protection Function.

● Transmitter with 2 level infrared power setting option for different installation distance.

● With 95% Beam Blocking Stability for stable operation even in the poor weather.
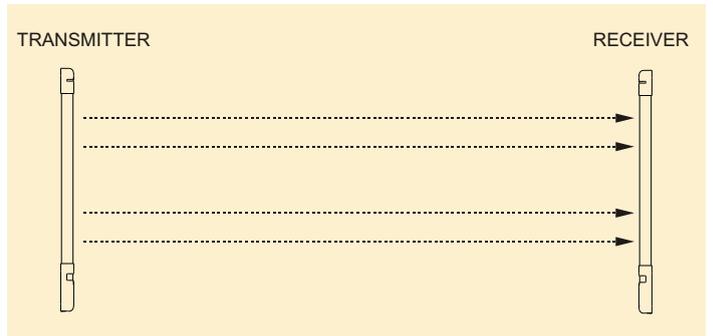
● Easy installation.

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Cover

Receiver

Tamper Switch

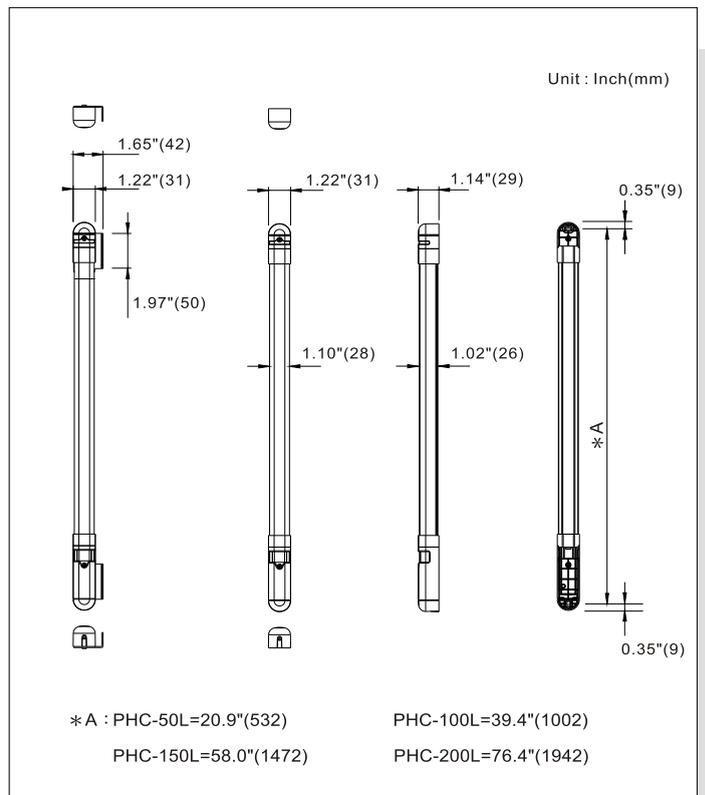Alarm LED

Terminals

FEATURE：

- **RAIN, DUST & INSECTS PROTECTION**
  The Rubber O-Ring & Rubber Grommets used to prevent rain, dust and tiny insects from adversely affecting performance.
- **DOUBLE MODULATION PULSED BEAM.**
- **C TYPE RELAY, TAMPER SWITCH, LIGHTNING & SURGE RESISTANCE.**
- **95% BEAM BLOCKING STABILITY.**

TRANSMITTER   RECEIVER

SPECIFICATIONS：

MODEL	PHC-50L	PHC-100L	PHC-150L	PHC-200L
Detection Distance	Outdoor-10m			
Power Supply	10.5V~28VDC (12VDC recommend)			
TX Current	A= 11mA B= 22mA	A= 12mA B= 30mA	A= 13mA B= 38mA	A= 14mA B= 46mA
RX Current	40mA	46mA	52mA	58mA
No. of beams	2 dual 4 beams	4 dual 8 beams	6 dual 12 beams	8 dual 16 beams
Photoelectric	IR LED pulsed beam			
Detection	Breaking off 1 dual 2 beams or two adjacent			
Response Time	100msec (2 dual 4 beams, adjacent) / 800msec (1 dual 2 beams)			
Alarm Output	Dry connect relay NC./NO. 0.2A/28 VDC Contact Action: > 2 sec			
Tamper Output	Dry connect Micro-SW: 0.2A/28VDC Action: Cover is detached (TX & RX)			
Alarm LED	Red LED ON: When an alarm is initiated (RX). Green LED ON: Power on (TX).			
Function	IR Power set: 2 level (TX).			
Temperature	-25℃~+55℃			
Mounting Position	Indoor/ Outdoor			
Wiring	Terminals			
Weight	540g	980g	1410g	1830g
Dimension	Please see the Dimension.			
Standard Accessories	Screws (4x25mm) x 4pcs			
Options	Mounting Plates x 4pcs, Screws (4x16mm) x 4pcs, Screws (4x20mm) x 4pcs			

DIMENSIONS：

Unit : Inch(mm)

1.65"(42)
1.22"(31)
1.97"(50)

1.22"(31)
1.10"(28)

1.14"(29)
1.02"(26)

0.35"(9)
＊A
0.35"(9)

＊A：PHC-50L=20.9"(532)   PHC-100L=39.4"(1002)

PHC-150L=58.0"(1472)   PHC-200L=76.4"(1942)

NOTE:
1. This unit is designed to detect an intruder and activate an alarm control panel. Being only a part of complete system, we cannot assume responsibility for theft or damages, should it occur.
2. Specifications and design are subject to change without prior notice.
3. Please don't disassemble this unit, which could cause product damaged.

Taiwan Security Net Co., Ltd. Designing / Manufacturing

Interstellar