TWIN PHOTOELECTRIC BEAM SENSOR
2PH-30C / 2PH-60C

FEATURES :

- Easy Optical Alignment.

- A.G.C. (Automatic Gain Control) Circuit.

- High Grade Aspheric Lens.

- Rain, Dust & Insect Protection.

- Frost & Dew Protection.

- Adjustable Beam Interruption Period.
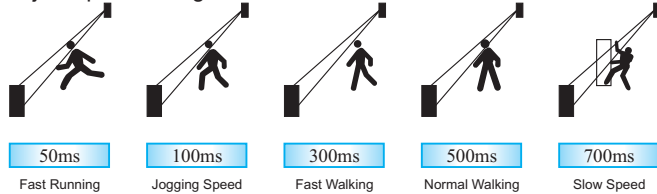
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FEATURES

● A.G.C. Circuit
The A.G.C. (Automatic Gain Control) Circuit continually monitors for gradual changes in the signal's strength caused by weather conditions and adjusts the trigger level accordingly, to maintain proper sensitivity.

● Easy Installation
The pole mount brackets supplied will allow installation of two units on a pole at the same height easily.

● Adjustable Beam Interruption Period
Beam interruption time can be adjusted according to the peculiarities of each installation site. When protecting a wall or fence,a long interruption time will catch intruders, but let jumping cats or small objects pass through.

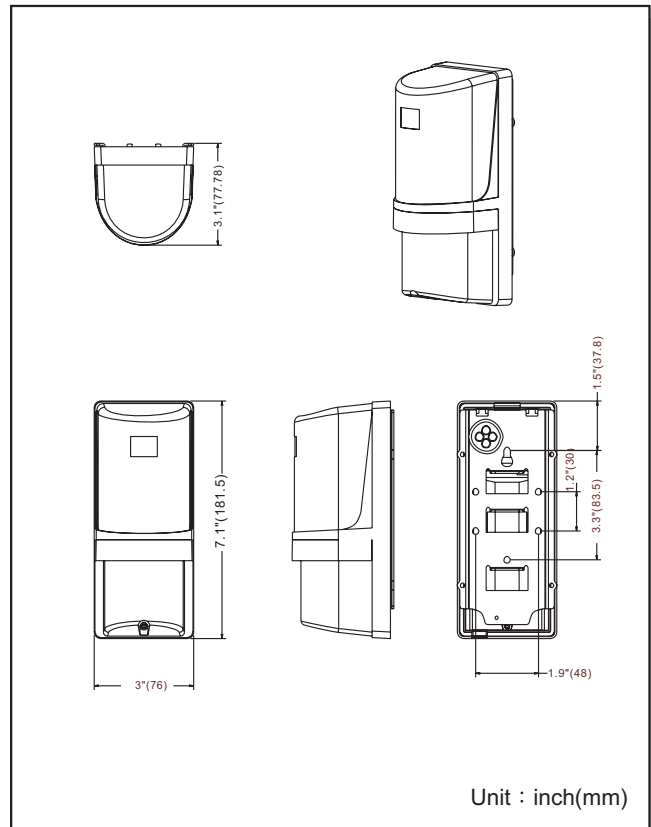| 50ms	100ms	300ms	500ms	700ms
Fast Running	Jogging Speed	Fast Walking	Normal Walking	Slow Speed

● Rain, Dust & Insect Protection
The rubber Ring and Rubber Grommets could prevent rain, dust and tiny insects from adversely affecting performance.

SPECIFICATION

Model	2PH-30C	2PH-60C
Detection Range	Outdoor 90" (30m) or less Intdoor 1800" (60m) or less	Outdoor 180" (60m) or less Indoor 360" (120m) or less
Current Consumption	36mA (Max)	42mA (Max)
Supply Voltage	10V-30VDC (Non-Polarity)	
Detection System	Infrared Photoelectric	
Infrared Beam	LED pulsed beam	
Response Time	50-700 msec. (Adjustable)	
Alarm Output	Dry connect relay NC./NO. 0.2A/30 VDC Contact action: 0.5 sec to 2 sec ± 10%	
Tamper Switch Output	Dry connect relay NC./NO. 0.2A/30 VDC (N.C. opens when cover is removed.)	
Alarm LED	Receiver : LED Red ON	
Functions	Monitor jack output, AGC circuit, Frost proof cover.	
Alignment Angle	Horizontal ± 90° ; Vertical ± 5°	
Over-Voltage Protection	10/160us 150A, 10/1000us 75A (58V to 77VDC or more)	
Operating Temperature	-13℉ to +131℉ (-25℃ to + 55℃)	
Mounting Positions	Indoor / Outdoor	
Wiring	Terminal	
Environment Humidity	95% (max)	
Weight	32.7 oz (925 grams)	
Dimension (W x H x D)	3"x7.1"x3.1" (76x181.5x77.8 mm)	
Cosmetic	PC (Burgundy color)	
Standard Accessories	U-Shaped brackets x 2 pcs Attenuation Sheet x1 pcs Screws (M4x20 Self Tapping) x 4 pcs Screws (M4x20) x4 pcs	

DIMENSIONS

3.1"(77.78)

1.5"(37.8)
1.2"(30)
3.3"(83.5)

7.1"(181.5)

3"(76)

1.9"(48)

Unit：inch(mm)