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BP-20 Economical Wireless Infrared Photocell Sensor User Manual

Packing List :

1.BP-20 Photocell 1Pair

2, User Manual 1Pcs

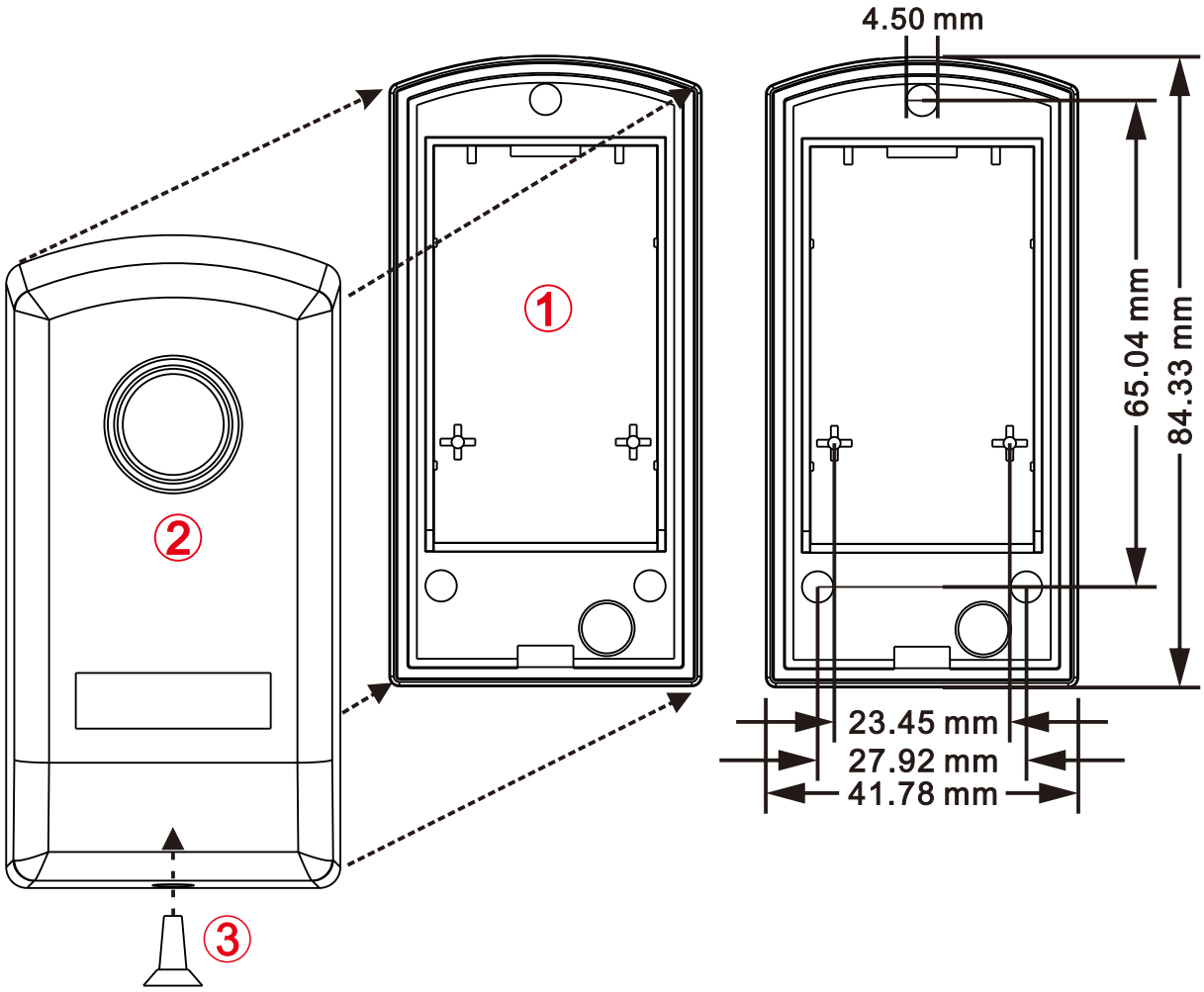
3, Jumper Cap 2Pcs

4, Screw M3*6 2Pcs

5, Waterproof Tape 2Pcs

6, Capacitance 4.7nF 1Pcs

Installation And Size: (Unit:mm)



Schematic Diagram

Notice:

1.**Firstly,Fixing the bottom shell to the installation surface,following action1;**

2.And Next, put the Top shell with the convex mirror on the bottom shell, Following Action2;

3.And then using the M3*6 Screws fixing the top and bottom shell well, following Action3;

4.The last step , Testing it When there is an obstacle, the receiving end relay will output signal.

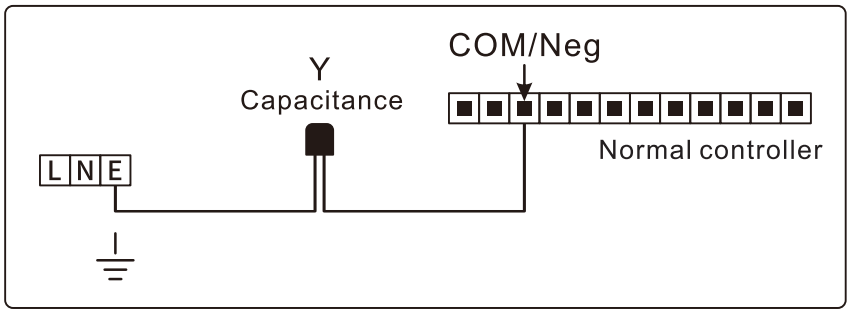
Technical Parameters

Working Voltage	9-30VADC
Induction Method	Infrared beam
Detection Distance	20m
Detection Distance	Relay Output，NO&NC
Response Time	≤200ms
Stand-by Current	≤16mA
Load	30VDC/1.0A,125VAC/0.5A,60VDC/0.3A
LED Showing	LED(Red)
Operating Temperature	-10-+60℃
IP Level	Ip55
Material	ABS+PC
Size	48*94*33mm

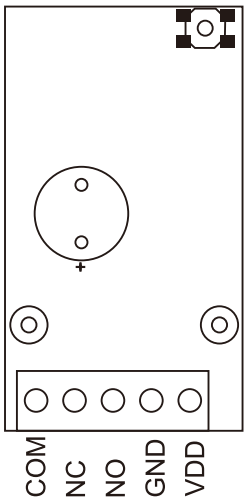
Receiver LED And Buzzer Status

LED Lighting	Buzzer	Funciton
Flashing	Alarm	The infrared beam is not aligned
Turn off	No-Alarm	Photocell can work as normal

Anti-interference Connection



Wiring Definition



Wiring Definition	Function
COM	Relay COM Dry Contact Relay NC
NC	Relay COM Dry Contact Relay NO
NO	Relay COM Dry Contact Relay GND
GND	Power Negative (9-30VADC)
VDD	Power Positive (9-30VADC)