

BP-20 Economical Wireless Infrared Photocell Sensor User Manual



Packing List :

1.BP-20 Photocell
1Pair

2, User Manual
1Pcs

3, Jumper Cap
2Pcs

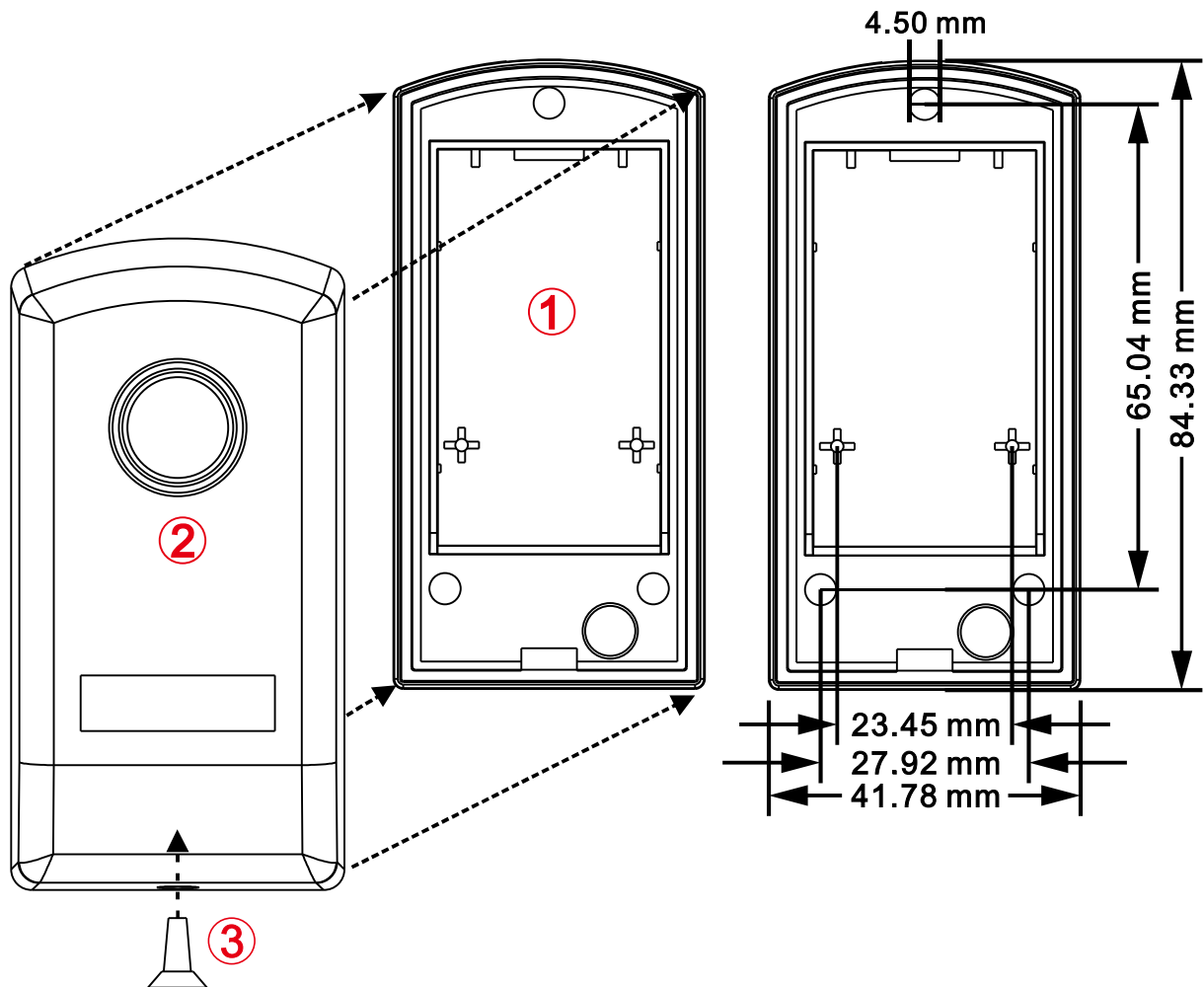
4, Screw
M3*6 2Pcs

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°C
IP Level	Ip55
Material	ABS+PC
Size	48*94*33mm

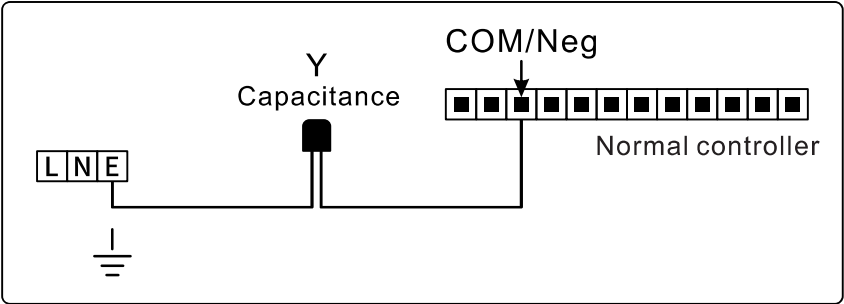


Receiver LED And Buzzer Status

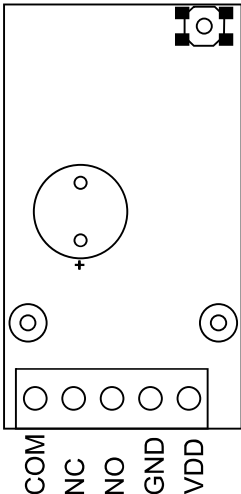
LED Lighting	Buzzer	Functon
Flashin g	Alarm	The infrared beam is not aligned
Turn off	No-Alarm	Photocell can work as normal



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)