

Waterproof Contactless Infrared Sensor



Features

- ◆ Built-in micro controller for decoding infrared signal to avoid interference from the noise.
- ◆ With bi-color status LED (Power on: Red/ Proximity: Blue).
- ◆ With N.C. and N.O. output.

Specifications

Appearance													
Dimension mm[inch]													
Model No.	PBT-22IRS	PBT-22IRS-24V	PBT-22IR	PBT-22IR-24V	PBT-09/IRA	PBT-09/IRA-24V	PBT-286/IRA	PBT-286/IRA-24V	PBT-30IR	PBT-30IR-24V	PBT-211IRB	PBT-211IRB-24V	
Power supply	DC 12V	DC 24V	DC 12V	DC 24V	DC 12V	DC 24V	DC 12V	DC 24V	DC 12V	DC 24V	DC 12V	DC 24V	
Current(±5%)	Standby	25mA	25mA	25mA	25mA	25mA	25mA	25mA	25mA	25mA	25mA	25mA	
	Work	35mA	35mA	35mA	35mA	35mA	35mA	35mA	37mA	37mA	37mA	37mA	
LED	Power on: Red / Proximity: Blue												
Adjustable opening time	0.5~20 Sec. / Latched ON or OFF output.												
Waterproof	IP65(IR sensor)												
Relay contact rating	1A@ 30 VDC												
Proximity range	0.5~10 cm(Adjustable)				3~10 cm(Adjustable)				3~15 cm(Adjustable)				
Material	IR sensor	Polycarbonate fire & UV proof material											
	Face plate	---	---	---	---	Zinc alloy	Zinc alloy	Stainless steel	Stainless steel	---	---	Stainless steel	Stainless steel
Life	100,000 cycles (1A 30VDC, 0.3A 125VDC) / 50,000,000 cycles (Dry Contact)												

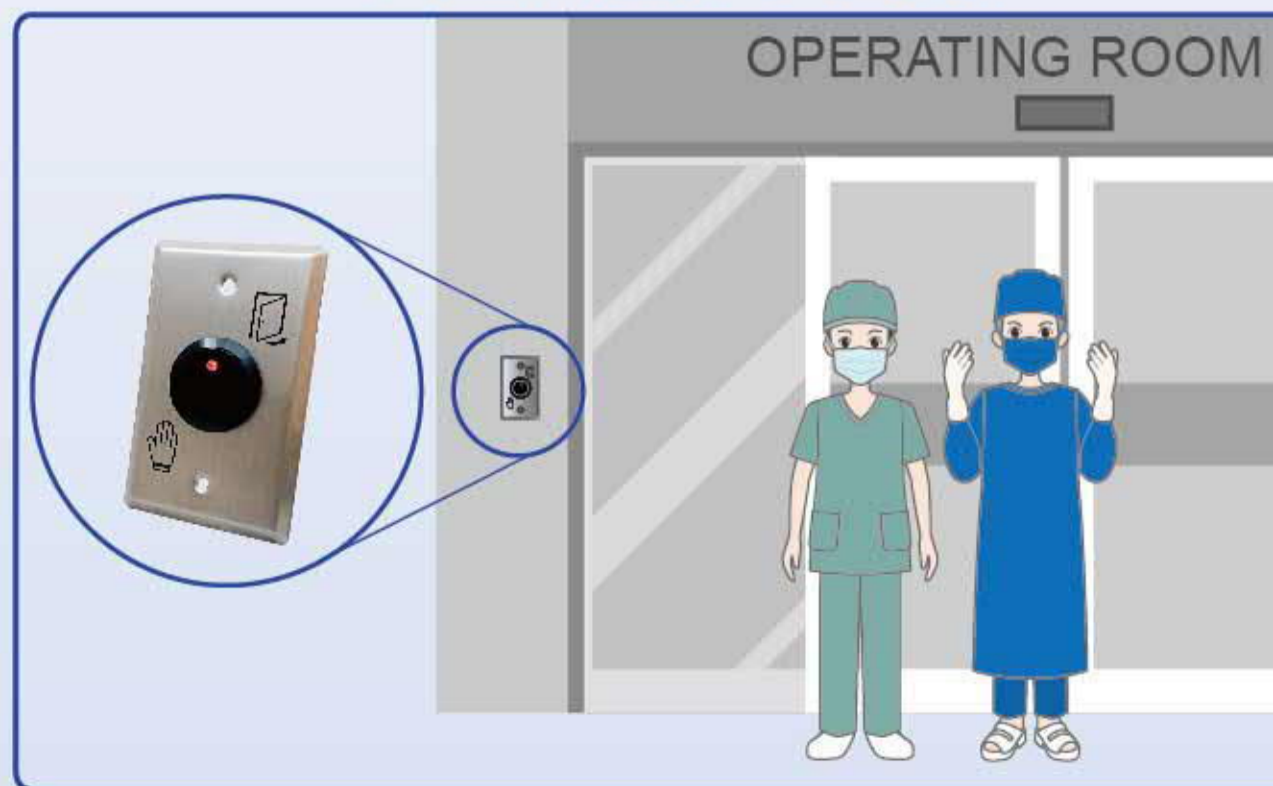
Example Applications

Device switch

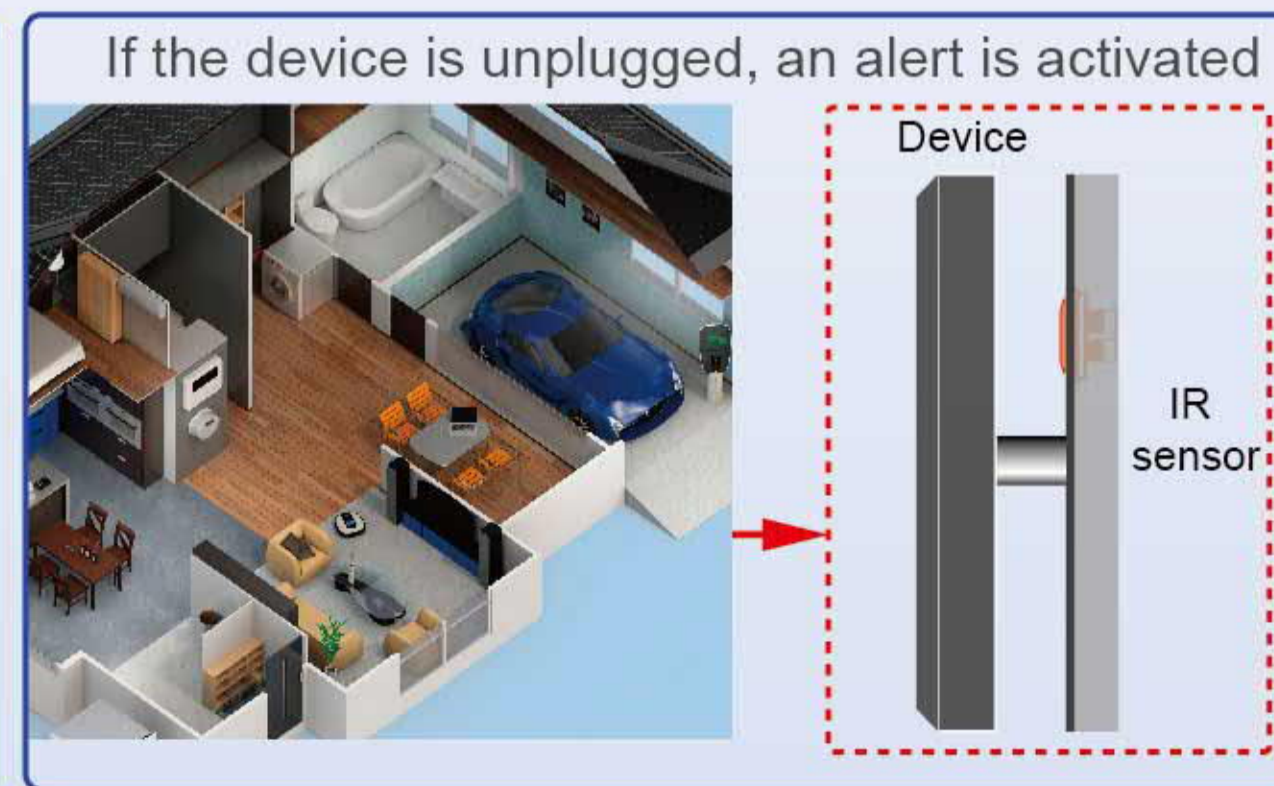


Used for elevator buttons / disinfection equipment / water dispensers, etc.

Hospital Door/Operating Room Automation control



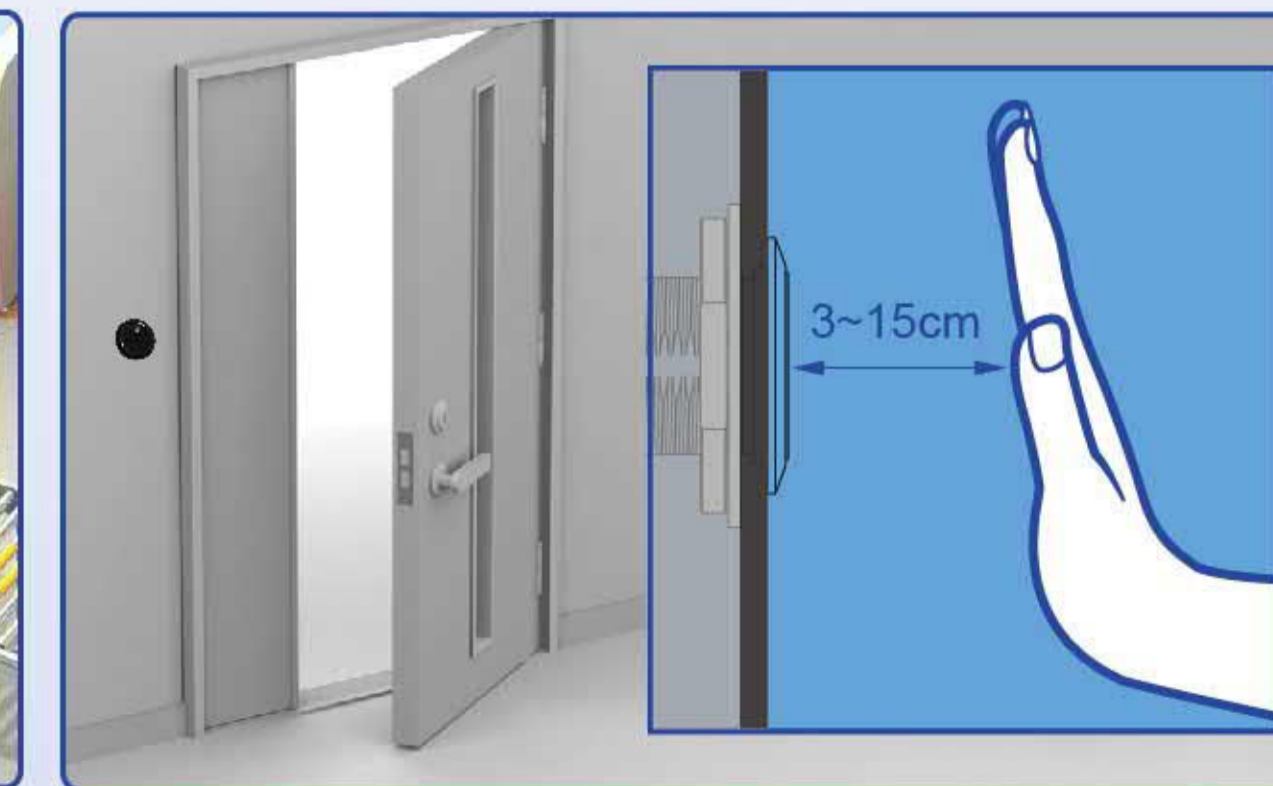
Anti-theft Detection



Automatic Location Detection



Gate/Door/Exit/Automation control



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We reserve the right to change the specification without prior notice or obligation!



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