

# Dual Technology Infrared+Microwave Ceiling Mounted PIR Motion Sensor

## Product Description



## Specification

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Dual Technology Infrared+Microwave Ceiling Mounted PIR Motion Sensor   |
| <b>Model</b>               | EB-176   |
| <b>Size</b>                | Ø135*30(mm)  |
| <b>Working voltage</b>     | 9~16V DC   |
| <b>Working Current</b>     | 15MA   |
| <b>Detecting angle</b>     | 360°   |
| <b>Working temperature</b> | -20°C~50°C   |
| <b>Detecting speed</b>     | 0.2~7m/sec   |
| <b>Install Height</b>      | 2.4~4.8m   |
| <b>Storage temperature</b> | -25°C~65°C   |
| <b>Sensitivity</b>         | Adjustable   |
| <b>PIR Feature</b>         | Infrared sensro type :Dual elements PIR sensor<br>Auto temperature compensation:NIC compensation<br>Detecting distance:10m<br>Detecting angle:360°<br>Alarm duration:PULSE1:10sec. PULSE2:30 sec |

|                           |  |
|---------------------------|--|
| <b>Microwave feature</b>  | Microwave antenna type:Flat strip microwave antennea with FET oscillator<br>Frequency:FCC&DOC10.525GHz<br>Detecting method:Doppler(effect)move<br>Theiries:Dopper(effect)+Energies nalysis<br>Digital filter:50/60Hz<br>Self-test:Microwave self-test function<br>MCU type:8 bit microchip |
| <b>Alarm indicator</b>    | Red LED Light(close if need)   |
| <b>Alarm output</b>       | NC,28V DC,0.15A  |
| <b>Anti-tamper switch</b> | NC,28V DC,0.15A  |
| <b>Operating humidity</b> | 95%  |
| <b>Color</b>              | White  |
| <b>Weight</b>             | 0.15kg   |

## Product Feature

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**What features of our Infrared+Microwave Ceiling Mounted PIR Sensor ?**



1. Intelligent PIR & MW Ceiling Mounting Intrusion Detector is a digital micro-processing dual-tech detector adopting the technology of DMF (Digital Memory Focus), DMT (Dynamic Matrixing Time). It is with novel appearance, fluent lines, and dynamic LED display, which well assort with modern household decoration and inosculates with the background subtly. The PIR parts adopt nice Fresnel lens to increase the effect of energy-receiving.

2. The MW parts adopt advanced plane antenna microwave transmission and four-layered screening technology, which has increased the control of MW detection range. In the way, high sensitivity can be reached from the distance of 0.5 meter (1.8 feet) to 10 meters (33 feet). The advanced technology of DMF DMT can help to give an exact estimation of true intruder or other interference that will easily trigger wrong alarm. Its advanced anti-pets function can prevent wrong alarm to a 20 KG pet or 8 cats, insects, mice or birds etc.

3.EB-176 has overcome the interference that common detector can't prevent, and it won't trigger wrong alarm or miss alarm so it is far excellent in function than common detectors. It is the first option for household life and office decoration nowadays! Microwave&Passive infrared Motion detector, with perfect streamline surface design.

4.Adopted dual elements infrared sensor, microwave sensor, digital processing technology.

5.High reliability from perfect technical stability and design.

## Product Display

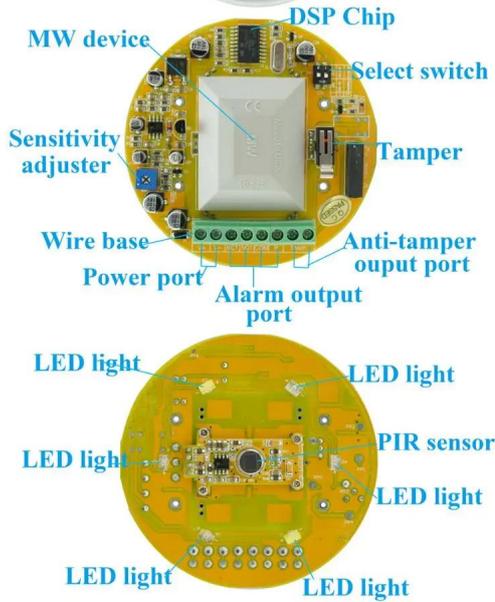
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## IN-KIND SHOOTING

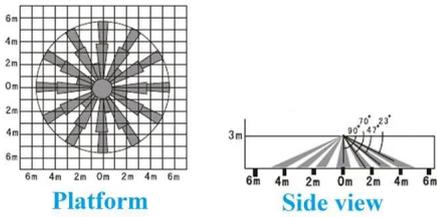


## Application

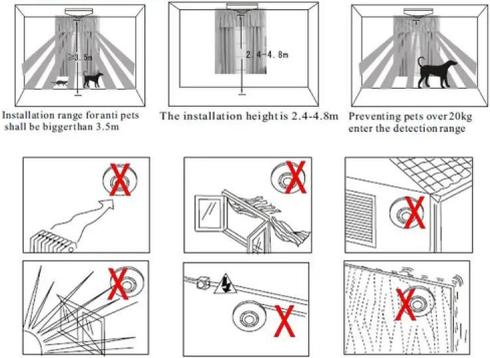
APPLICATION



**Detecting distance:**



**Installation notes:**



PACKAGING&SHIPPING





## PACKAGING & SHIPPING

Detection+Packing+Sealing+Finishing+International Express



## SHOW CASES



## OFFICE SHOW



## CUSTOMERS



## EXHIBITION

2011 Brazil Fair



2012 shen yang Fair



2013 Jinan Fair



2013 Shenzhen Fair



2012 shen yang Fair



2013 shen yang Fair



2013 Shenzhen Fair



2015 Shenzhen Fair



# CERTIFICATION



## FAQ

## FAQ

**Q:Can I have a sample order?**

**A:Yes, we are willing to offer trial sample order to you for quality test. Mixed samples are acceptable.**

**Q:What is the lead time?**

**A:Sample needs 1-3 working days, mass production time needs 10-15 working days.**

**Q:What is your MOQ?**

**A:No MOQ limit.The more quantity the more discounts.**

**Q:How do you ship the goods and how long does it take arrive?**

**A:The sample will be sent to you by optional shipping service (couriers,**

air, and sea),or appointed by buyer,7-15 days.

**Q:How will we proceed the order if I have logo to print?**

**A:Firstly, we will prepare artwork for visual confirmation. If the color and position are right, we would make sampling firstly from silk print factory and take picture for your second confirmation before mass production.**

***How to contact us?  
Click the enter send us inquiry below.***