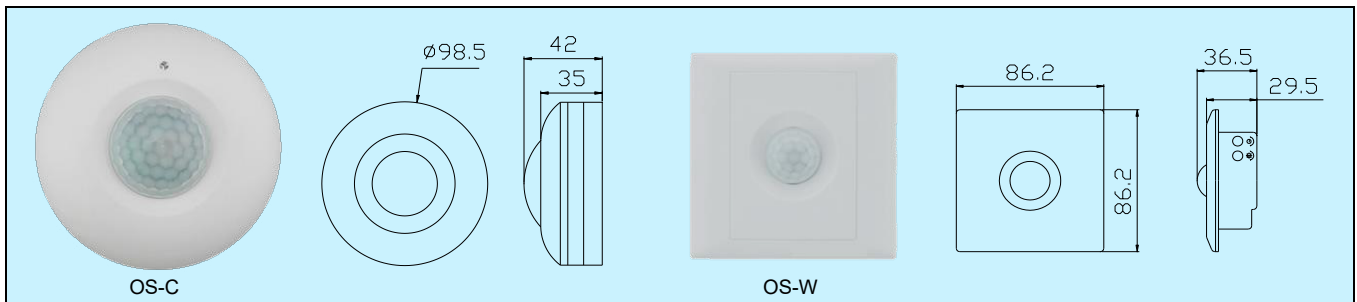


## OS Occupancy Sensor/ Detector



### Applications & Features

- Suitable for passageway, corridor, toilet, basement, garage and other public places, such as lighting, exhaust fan and other automatic switch control. OS-W is wall mount and OS-C is ceiling mount
- Based on PIR infrared sensor and photosensitive sensor combination technology, high sensitivity, strong reliability, safe and convenient, intelligent energy saving
- Fully automatic induction, switch on for occupancy, delay off for vacancy automatically
- Application of photosensitive automatic control, no induction in day or high illumination circumstance, illumination can be adjusted
- Automatic random delay, switch on for occupancy and continue to turn on if detecting activity, and delay off until detecting no activity
- Temperature compensation and anti RFI/EMI
- Light and state of art housing, easy installation and using

### Specifications

**Sensor:** PIR infrared sensor, photo resistance sensor

**Power supply:** 20~28VDC

**Output:** SPST, 10A resistive / 4A inductive, 30VDC/250VA

**Life circle:**  $10^5$  times

**Light control range (adjustable):** Night/Full day (default night)

**Delay closing time (adjustable):** OS-W:15s~20 min(default 15s)  
OS-C: 2s~30 min(default 16s $\pm$ 30%)

**Detect area:** cone angle 140°, distance 5-8 m( $\leq 24^\circ$ )

**Mount Height:** wall mount height is about 1.5m, and ceiling mount height is about 2~4m

**Working environment:** -20~50°C, 0~95%RH(Non-cond.)

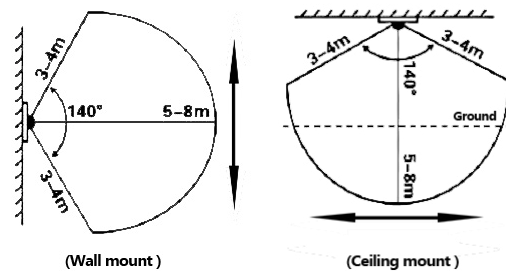
**Storage temperature:** -30~70°C

**Housing:** fireproof ABS(except Fresnel lenses), IP30

**Weight:** OS-C:120g, OS-W:110g

**Approval:** CQC

### Detect area diagram:



### Models

Models	OS-W	OS-C
	Wall mount occupancy sensor / detector	Ceiling mount occupancy sensor / detector