

Microwave Dimming Sensor

SKU: AA-SENMW-ANT3C <100W



Description



The Microwave Dimming Sensor is a moving object sensor that can detect a range of 360° with a working frequency of 5.8GHz. Use the Wireless Handheld Configuration Tool (RC-100) to make adjustments to its daylight harvesting function.



Features

Once powering the device up, the ANT-3C will use factory default parameters to operate. If adjustments are needed, the RC-100 Remote Control Wireless IR Configuration tool must be used.

ANT-3C is a moving object sensor that can detect range of 360° and its working frequency is 5.8GHz. The advantage of this product is stable working state stable working temperature: -40°C~+70°C, ANT-3C adopts a microwave sensor (high-frequency output <0.2mW), so that it is safe and performs better than infrared sensor.

NOTE: The high-frequency output of this sensor is <0.2mW - that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.

Applications



Shopping Malls



Warehouses & Distribution Centers



Parking Garages



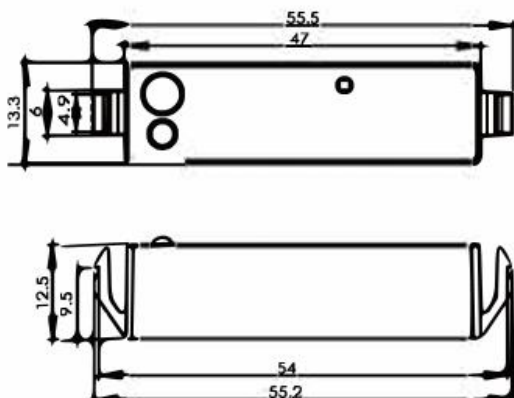
Assembly Areas

Ordering Information

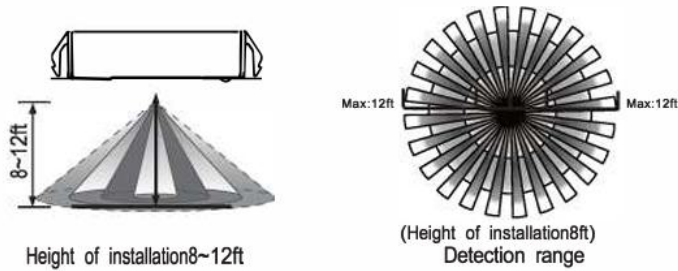


SKU	Model	Description	Input Voltage	HF System	Dim Control Output	Detection Radius/Angle	Mounting Height	Remote Range	Humidity	Temperature
AA-SENMW-ANT3C	ANT-3C	Microwave Dimming Sensor	10-14V DC, >50mA	5.8GHz ±75MHz	0-10V, max. 25mA sinking current	Max 12ft. (4m)/360°	Max 12ft (4m)	50ft. (15m) indoor, no backlight	Max. 95% RH	-40°F~158°F -40°C~70°C

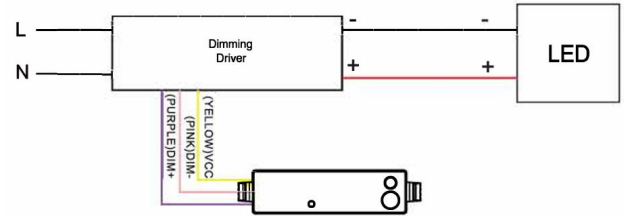
Dimensions



Detection Coverage



Wiring Diagram



Sensor Functions

Daylight Harvesting Function

Open the daylight harvesting function only by choosing the  button when the remote control is in setting condition. Memory and maintain current ambient brightness.

Settings on this demonstration:

Brightness: 100%
Sensitivity: 100%
Hold Time: 30Min
Daylight Sensor: 
Stand-By Dim: 30%
Stand-By Time: 1Min



When the natural light is sufficient or dark, movement is detected and the light will turn on 100% brightness.

The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.

The light dims to stand-by period after hold-time and stays on selected minimum dimming level.

The light switches off completely after the stand-by period.