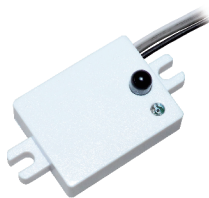


# ■ Low Voltage Microwave Bi-level Sensor

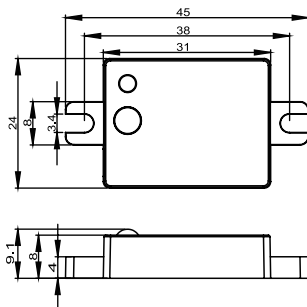
## ANT-9A Instruction



ANT-9A



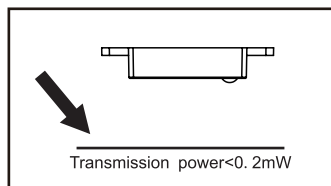
RC-106



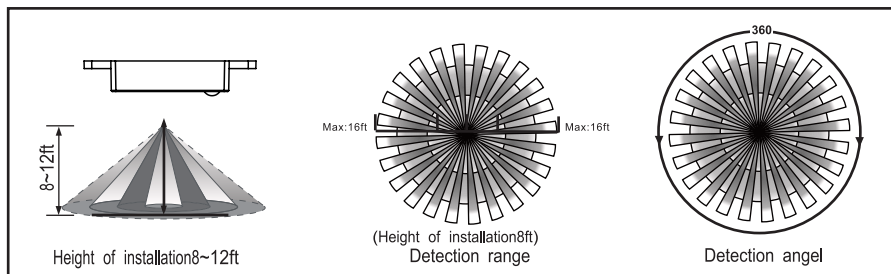
### SPECIFICATIONS

Power supply	7.5-12V DC
HF System	5.8GHz±75MHz
Dim control output	5V PWM(Gradual change)
Detection radius/angle	Max 16ft.(5m)/360°
Mounting height	Max 12ft
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C)

**NOTE:** The high-frequency output of this sensor is <math><0.2\text{mW}</math>-that is just one 5000<sup>th</sup> of the transmission power of a mobile phone or the output of a microwave oven.



### SENSOR COVERAGE



Once powering the device up, the ANT-9A will use factory default parameters to operate. If adjustments are needed, "RC-106 "Wireless IR Configuration tool must be used.

# ■ Low Voltage Microwave Bi-level Sensor

## ANT-9A Instruction

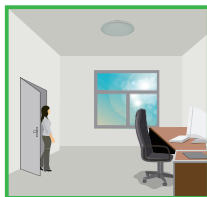
### UTILIZING FIELD AND INTRODUCTION

ANT-9A is a moving object sensor that can detect range of 360° and it's working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C~+70°C), ANT-9A adopts a microwave sensor(high-frequency output <0.2mW),so that it is safe and performs better than infrared sensor.

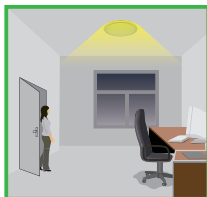
### FUNCTION AND OPTIONS

If offers 3 levels of the light Control : 100%--dimming light (0,10%,30%,50%)--off; Periods of selectable waiting time: motion hold-time and 24hours, selectable daylight threshold, and freedom of detection area.

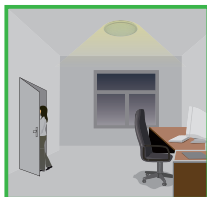
If natural light lower Light-control setting (10Lux,30Lux,50Lux),the light will not automatically on (0,10%,30%,50%). When person enter in the room, the light will on 100%,after person left the room, the room enter in stand by level after hold on time.



With sufficient natural light, the light does not switch on when presence detected.



With insufficient natural light, the sensor switches on the light automatically when person enters the (options) standby level after the room. The lamp never switch off with presence, even the nature light is sufficient.



People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.



Light switches off automatically after the dimming time elapsed.

### WIRING DIAGRAMS

ANT-9A wiring with dimming ballast or LED driver.

