

■ Low Voltage Microwave Bi-level Sensor

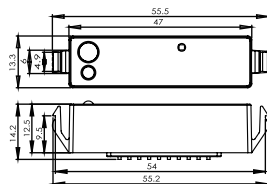
ANT-3C-B1 Instruction



ANT-3C-B1



RC-100



SPECIFICATIONS

Power supply	10-14V DC, >50mA
HF System	5.8GHz±75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 12ft.(4m)/360°
Mounting height	Max 12ft.(4m)
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ +158°F (-40°C ~ +70°C)

⚠ WARNING

NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level: 30%, Dimming time: 60minutes.

NOTE: Any setting changed by DIP Switch or remote control, the led light that sensor connect will on/off as confirm.

FUNCTION AND OPTIONS

It 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.

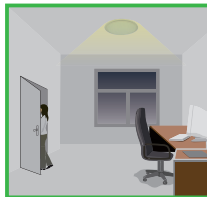
If natural light lower Light-control setting (10Lux, 30Lux, 50Lux), the light will not automatically on (0, 10%, 30%, 50%). When person enter in the room, the light will on 100%, after person left the room, the room enter in stand by level after hold on time.



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.

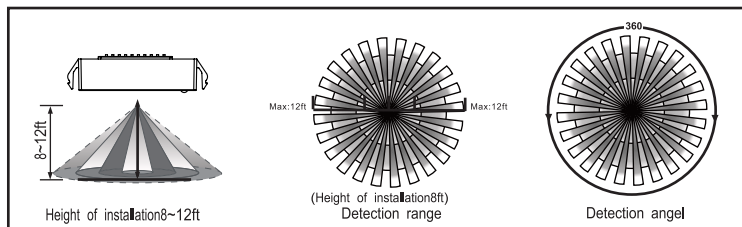


People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.



Light switches off automatically after the dimming time elapsed.

SENSOR COVERAGE

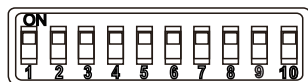


■ Low Voltage Microwave Bi-level Sensor

ANT-3C-B1 Instruction

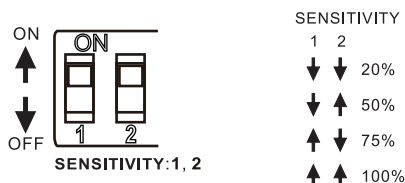
PARAMETER SETTING BY DIP SWITCH

Consider the picture: 1, 2 set sensitivity; 3, 4 set hold time; 5, 6 set the lux; 7, 8 stand-by light level; 9, 10 set stand-by time;



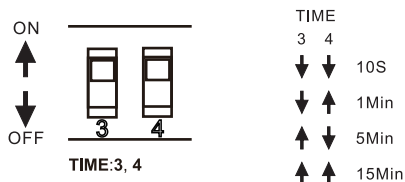
Detection Range Setting (sensitivity)

Detection rang can be reduced by selecting the combination on the DIP switches to fit precisely each application:



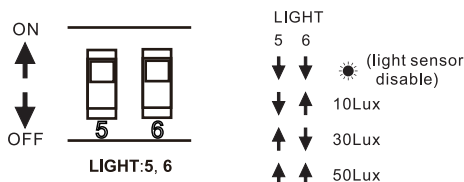
Hold Time Setting

The lamp can be set to stay ON for any period of time between approx. 10sec and a maximum of 15min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Switch location and hold time of the corresponding table is as follows:



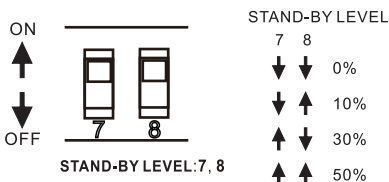
Light-control Setting

The chosen lamp response threshold can be infinitely from approx. 10-50lux, switch location and light-control of the corresponding table is as follows:



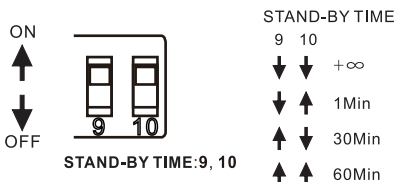
Stand-by Light Level Setting

The corresponding file of switch location and stand-by level as follow:



Stand-by Time Setting

The corresponding file of switch location and stand-by time setting as follow:



PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100.

WIRING DIAGRAMS

