



BC-SPIR-WBM-ANK

Wall-Box PIR Occupancy Sensor, AC powered

DESCRIPTION

Designed to replace a standard wall switch, BC-SPIR-WBM-ANK uses Passive Infrared (PIR) technology to automatically control lighting based on motion. This device fits into a standard wall box, allowing for both automatic detection and manual control.

APPLICATIONS

Indoor: Private office, restrooms, closets, storage, education, hospitality, corporate, self storage.

SPECIFICATION FEATURES

OVERVIEW

- PIR Sensor
- Manual on/off
- LED motion indicator
- Mounts in any standard wall box
- Color: White

CERTIFICATION

UL Listed. All components have UL certification.

WARRANTY

5-year Limited Warranty. See warranty documentation for more information.

SENSOR OPERATION

End Users can program length of time delays, VAC or OCC mode, using dip switch on the sensor.

PERFORMANCE SUMMARY

Sensor Type	PIR Occupancy Sensor	
Input Voltage	120-277 VAC, 50/60Hz	
Load Ratings	Standard ballast	300W@120V 600W@277V
	Electronic ballast/ LED	300W@120V 600W@277V
	Tungsten/ Incandescent	600W@120V 1200W@277V
	Motor	1/2hp@120V
Max Range*	30 ft @ 4ft mounting height	
Detection Angle	180°	
Operating Temperature	0° to 55°C	
Mounting	Standard wall box	
Color	White	
Warranty	5 years	

*The application/absolute range of the sensor is subject to variation because of different types of clothing, backgrounds, and ambient temperature. It is recommended to conduct testing for detection range accuracy.

ORDERING INFORMATION

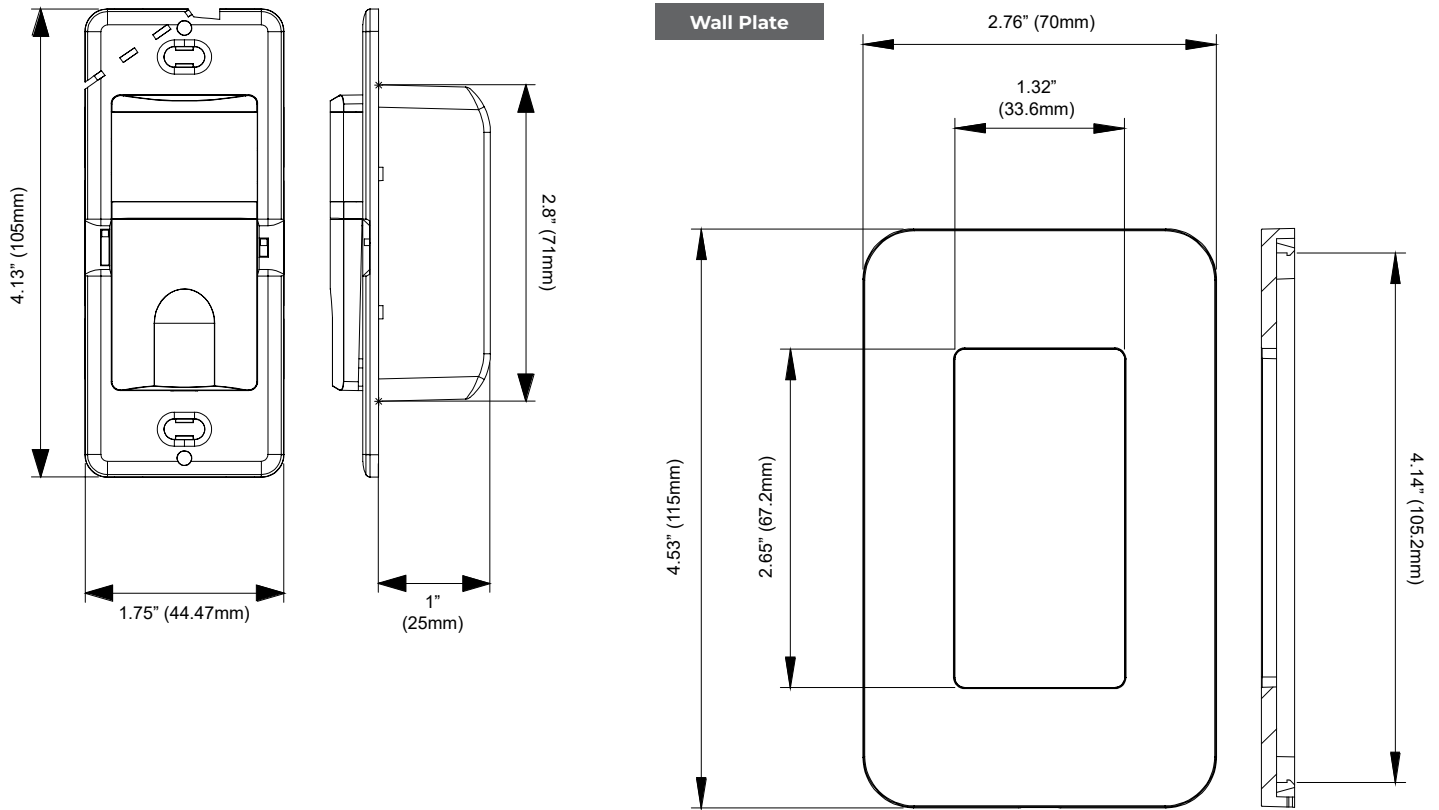
EXAMPLE: BC-SPIR-WBM-ANK

BC	SPIR	WBM	A	N	K
Communication Type / System	Controls	Mounting	Power	Dimming	Designator
B Basic	SPIR PIR Sensor	WBM Wallbox Mount	A AC Power	N Non-dimming	K Fly wire with Wall box mount

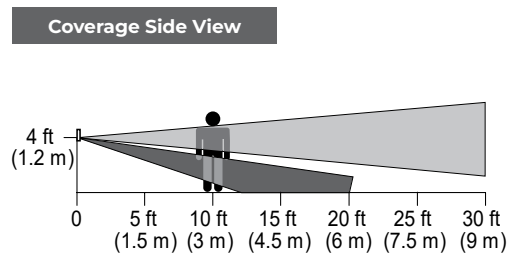
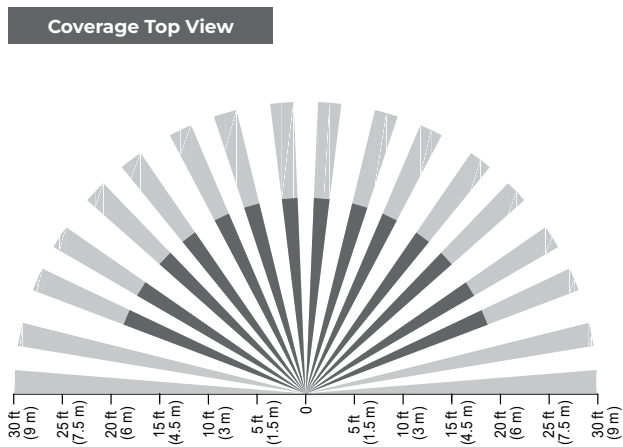
Specifications and Dimensions subject to change without notice.



PRODUCT DIMENSIONS

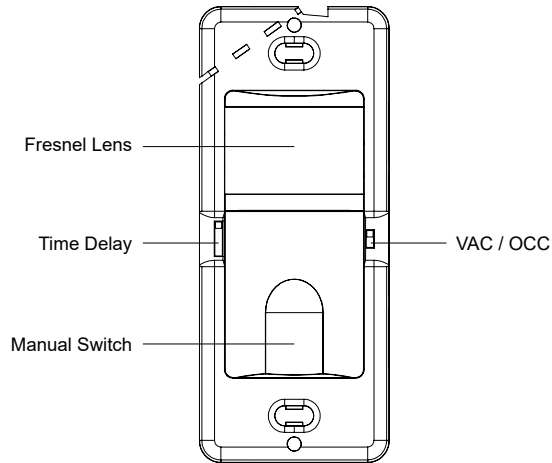


DETECTION AREA



Specifications and Dimensions subject to change without notice.



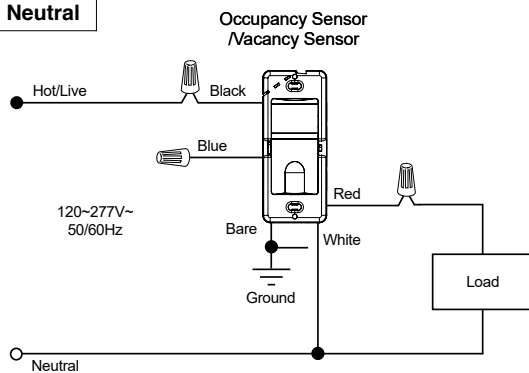
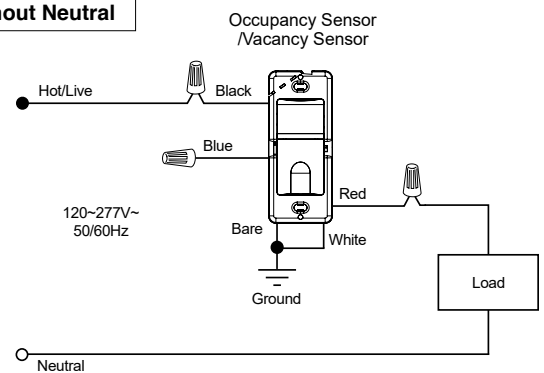
SETTINGS


TIME DELAY	NOTE
10S	Test Mode: Automatically turns of the load after 10 seconds
3mins	Automatically turns of the load after 3 minutes
10mins	Automatically turns of the load after 10 minutes
20mins	Automatically turns of the load after 20 minutes

VAC / OCC	NOTE
VAC	VAC Mode: Manual ON and Auto OFF after setting TIME DELAY without motion
OCC	OCC Mode: Auto ON and Auto OFF after setting TIME DELAY without motion

NOTE: DEVICE MOUNTING LOCATION

For proper operation, the device's placement is critical as it detects changes in temperature. Avoid mounting the sensor directly above a heat source, in an area where hot or cold drafts could blow on it, or where its field-of-view might capture unintended movement, such as traffic in a nearby hallway.

WIRING DIAGRAM
Wiring for One Location (Single Pole)
With Neutral

Without Neutral


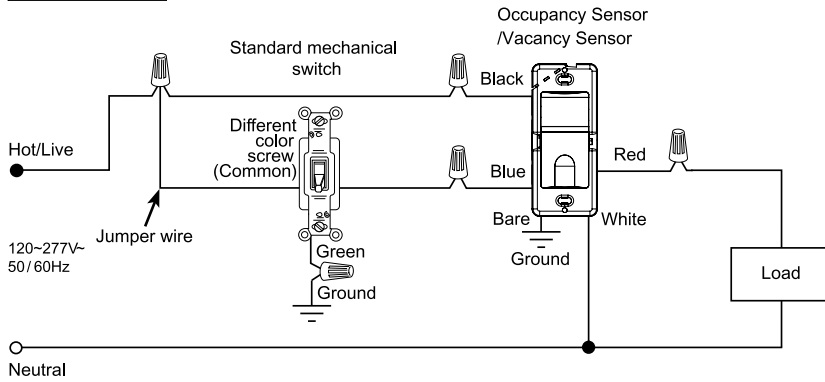
Specifications and Dimensions subject to change without notice.



WIRING DIAGRAM (CONT'D)

Wiring for Two Locations

With Neutral



Without Neutral

