Single Pole Wide View Motion Activated Light Control

Cat. Nos. IPSN2, IPVN2 - INDOOR USE ONLY Ratings: 120VAC, 60Hz 300W 2.5A Resistive, 150W LED and CFL, 1/6HP

WARNINGS

- TO AVOID FIRE, SHOCK OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!
- TO AVOID PERSONAL INJURY OR PROPERTY DAMAGE, DO NOT install to control a receptacle, or a load in excess of the specified rating.
- To be installed and/or used in accordance with electrical codes and regulations.
- · If you are not sure about any part of these instructions, consult an electrician.

CAUTIONS

- Clean outer surface gently with damp cloth only. DO NOT use soaps or cleaning liquids.
- No user serviceable components. DO NOT attempt to service or repair.
- Use this device WITH COPPER CLAD WIRE ONLY.

PK-A3325-10-00-2A

INSTALLATION

ENGLISH

Features

- Cat. Nos. IPSN2 and IPVN2 have a sensing area of coverage of 30 ft x 30 ft and a sensing angle of 180°. See coverage diagram for details.
 Adjustable ambient light (IPSN2 only) and time delay controls are located on the front of the device. See adjustment setting section for details.
- Indicator light alerts the user of device status.

 Adjustable time delay setting for 30 seconds, 5 minutes, 15 minutes and 30 minutes.

Mounting Location

- The device responds to temperature changes and care should be taken when mounting the device.
- DO NOT mount directly above a heat source, in a location where hot or cold drafts will blow directly on the sensor, or where unintended motion (e.g., hallway traffic) will be within sensor's field-of-view.

You Will Need:

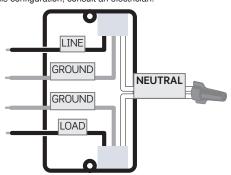
- · Slotted/Phillips screwdriver
- Pencil
- Electrical tape
- Cutters
- Pliers
- Ruler

Installation

WARNING: TO AVOID FIRE, SHOCK OR DEATH, turn off power at circuit breaker or fuse and test that the power is off before wiring.

1. Identify your wires (most common):

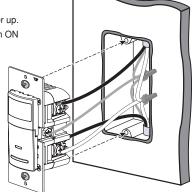
NOTE: Neutral wire is required for operation. If the wiring in the wall box does not resemble this configuration, consult an electrician.



3. Test.

- · Restore power.
- Wait 5 seconds for sensor to power up.
- IPSN2: lights will automatically turn ON after power is applied.
- IPVN2: press push pad. Lights should turn ON.

NOTE: If lights do not turn ON, refer to the "What to do if..." section.

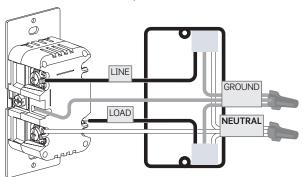


2. Wire.

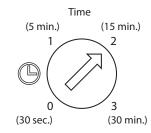
Working on one connection at a time, connect wires as shown.

NOTE: Make sure the line and load are properly oriented or the device will not work.

NOTE: Neutral connection is required.



4. Default Dial Settings



NOTE: For IPVN2 California Title 24 applications, set the Time setting to 0. 1 or 2.

(IPSN2 only) **Ambient** Light Level 2 Some light 3 Most light Manual ON 0

6. Dial Descriptions

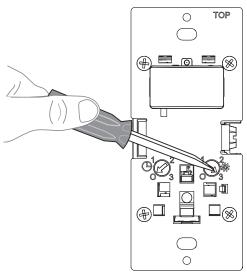
Automatic ON Mode (default setting):

Time Dial Setting	Lights will remain on for
0	30 seconds after no movement is detected
1	5 minutes after no movement is detected
2	15 minutes after no movement is detected
3	30 minutes after no movement is detected

Ambient ※ Light Level (IPSN2 Only)	Lights will turn on
0 (manual ON mode)	Auto ON is disabled.
1	when there is very little ambient light
2	when there is some ambient light
3	when there is a lot of ambient light

5. To adjust settings

- · Remove wallplate and sensor face (see section "Changing Your Device Cover".)
- · Adjust dials with small screwdriver.



NOTE: For representation purposes, IPSN2 shown.

Mode Description - IPVN2

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Modes	When to use this setting	Time	Turns light on when	Light turns off when		
Vacancy	When Manual On, Automatic Off lighting control is desired.	,	Push the pad. OR Move around within 30 seconds of the light turning off.	If no motion is detected for the duration of the programmed time period. OR Push the pad.		

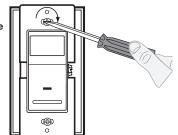
7b. Mode Descriptions - IPSN2

Modes	When to use this setting	Time	Amount of Ambient Light Present	Turns light on when	Light turns off when
Occupancy	When automatic On/ Off lighting control is desired.	Any	1 – light will turn on automatically if room is darkest 2 – light will turn on automatically if room has more light 3 – light will turn on automatically if room has the most light	Walk into the view of the sensor when the light is off and it is darker than the ambient light level set. OR Push the pad.	If no motion is detected for the duration of the programmed time period.
	To bypass Auto On function temporarily				Push the pad to turn off the light. NOTE: any motion detected will be ignored until no motion has been detected for the programmed time period.
Manual Mode	Anytime	Any	0-Off	Push the pad.	If no motion is detected for the duration set in the programmed time period. OR Push the pad.

8. Mount.

Turn off power at circuit breaker before completing the installation.

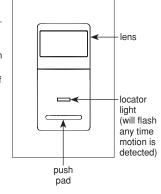
- · Gently push wires into wall box. Screw light control to box.
- Install wallplate base and snap on Decora® wallplate.
- · Restore power.



9. Manual Operation

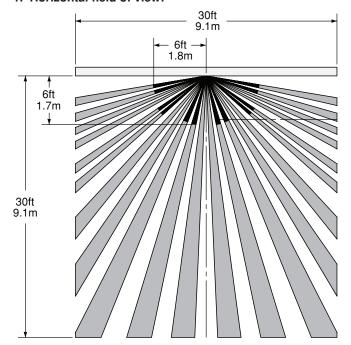
- Press push pad to manually turn on the load. Internal time will activate and turn off load when set time out expires.
- · Press and release push pad to manually turn off load.

NOTE: For IPSN2 ,using the push pad to turn off the load will temporarily bypass Auto On.

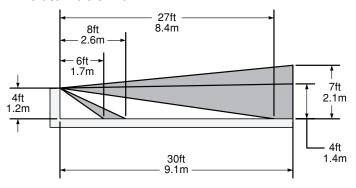


Sensing Area Coverage

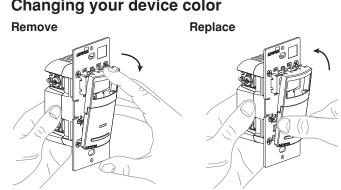
1. Horizontal field of view:



2. Vertical field of view:



Changing your device color



What to do if				
Issue	Make this adjustment			
Lights do not operate with push pad and LED indicator does not blink when motion is present	verify wiring connections to sensor			
Lights do not switch ON when motion is detected - IPSN2	 motion is beyond sensing range - move closer to switch adjust the light level adjustment clockwise. If the light was manually turned off, ensure the sensor does not see any activity (motion) for the duration programmed in the time setting. 			
Lights always stay ON	check time delay settings and compare to how long the lights stay ON make sure no motion occurs in coverage area for time selected by covering the lens check that switch is not installed near a heat source (like stove, lights, heat vents) or detecting motion from an adjacent area (like hallway traffic) and if it is, relocate it			
Lights do not turn ON - IPVN2	make sure that control is installed correctly make sure the power is ON check to make sure the light bulb is functional			

FCC STATEMENT: This device complies with Part 15 of the FCC Rules. Operation is subject to following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving Antenna. Increase the separation between the equipment and the receiver.

 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/tv technician for help.

FCC CAUTION: Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1-800-405-5320.

LIMITED 5 YEAR WARRANTY For Leviton's limited product warranty, go to www.leviton.com. For a printed copy of the warranty, call 1-800-824-3005.