

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

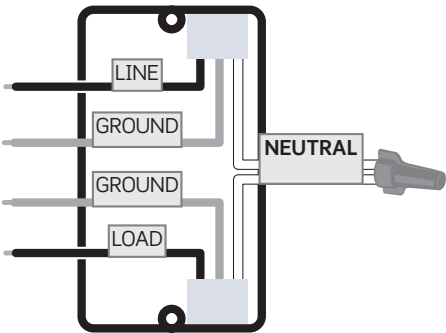
- Cat. Nos. IPSN2 and IPVN2 have a sensing area of coverage of 30 ft x 30 ft and a sensing angle of 180°. See coverage diagram for details.
- Adjustable ambient light (IPSN2 only) and time delay controls are located on the front of the device. See adjustment setting section for details.
- Indicator light alerts the user of device status.
- Adjustable time delay setting for 30 seconds, 5 minutes, 15 minutes and 30 minutes.

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):

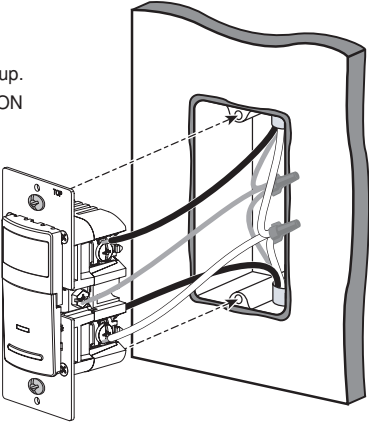
NOTE: Neutral wire is required for operation. If the wiring in the wall box does not resemble this configuration, consult an electrician.



3. Test.

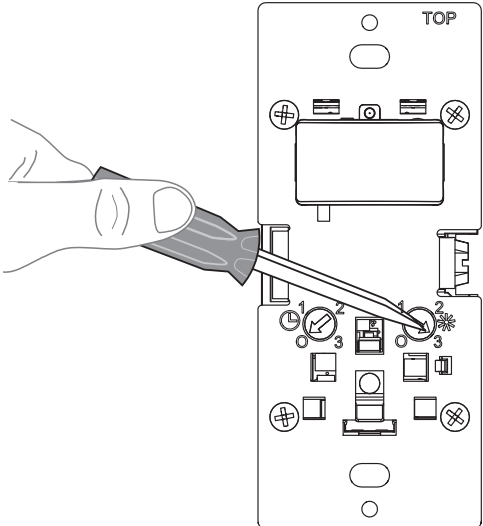
- Restore power.
- Wait 5 seconds for sensor to power up.
- IPSN2: lights will automatically turn ON after power is applied.
- IPVN2: press push pad. Lights should turn ON.

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



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.

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:

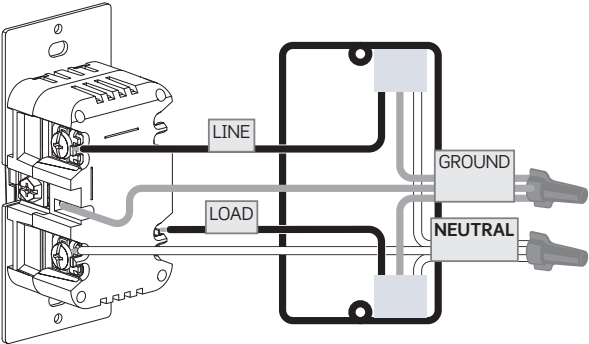
- Slotted/Phillips screwdriver
- Pencil
- Electrical tape
- Cutters
- Pliers
- Ruler

2. Wire.

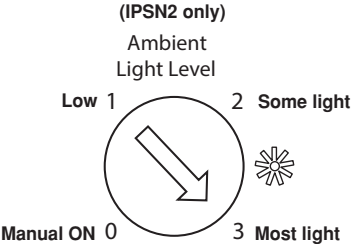
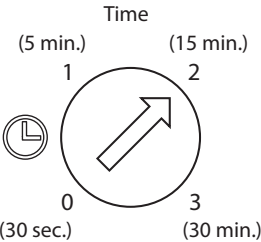
Working on one connection at a time, connect wires as shown.

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.

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 |

7a. Mode Description - IPVN2

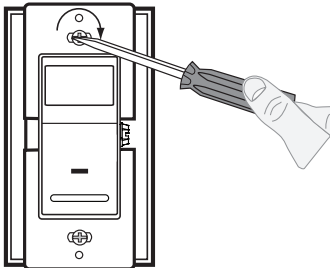
| Modes | When to use this setting | Time | Turns light on when... | Light turns off when... |
|---------|--|------|--|---|
| Vacancy | When Manual On, Automatic Off lighting control is desired. | Any | Push the pad. OR Move around within 30 seconds of the light turning off. | If no motion is detected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

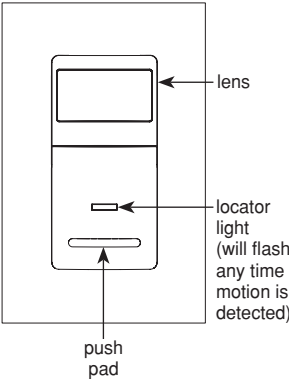
8. Mount.

- 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.



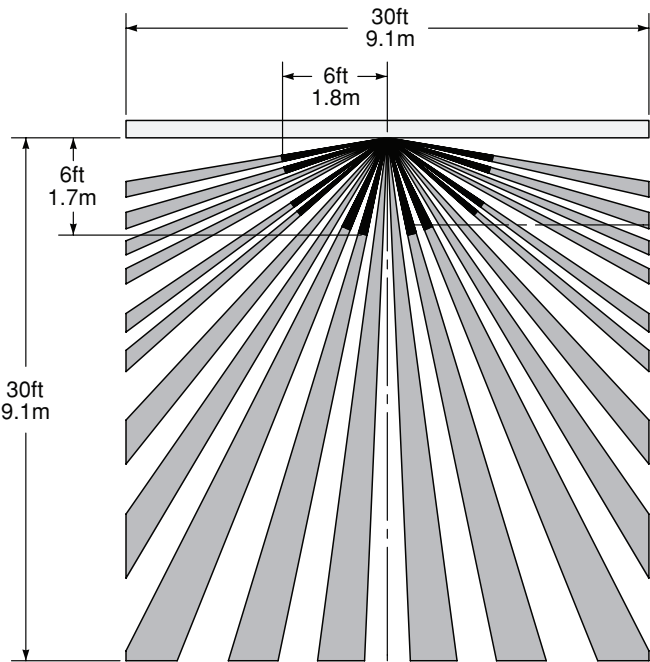
9. Manual Operation

- 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.

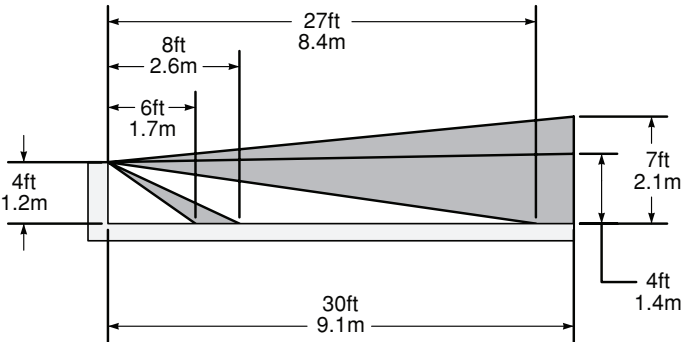


Sensing Area Coverage

1. Horizontal field of view:

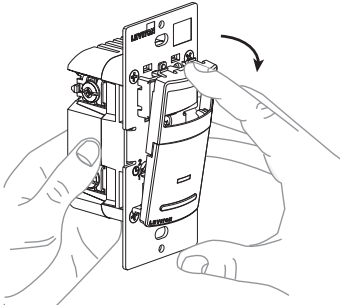


2. Vertical field of view:

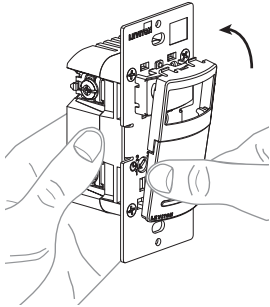


Changing your device color

Remove



Replace



| 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 | <ul style="list-style-type: none">verify wiring connections to sensor |
| Lights do not switch ON when motion is detected - IPSN2 | <ul style="list-style-type: none">motion is beyond sensing range - move closer to switchadjust 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 | <ul style="list-style-type: none">check time delay settings and compare to how long the lights stay ONmake sure no motion occurs in coverage area for time selected by covering the lenscheck 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 | <ul style="list-style-type: none">make sure that control is installed correctlymake sure the power is ONcheck to make sure the light bulb is functional |