

OVERVIEW

The **WVR 16** Series sensor mounts in a corner, provides line of sight PIR detection of small movements up to 40 ft away. These features make it ideal for retrofit applications like classrooms with inaccessible ceilings. **WVR 16** sensors are powered by and directly switch line voltage, therefore no Power Packs are needed. Additionally, these sensors do not require a neutral, making wiring directly off local switches with wiremold a convenient option. Together, these features make them perfect for retrofit applications where running new wiring is difficult. A **WVR 16** sensor is equipped with either one relay or an optional 2nd relay (**2P**), each with the ability to control up to 13 Amps.

FEATURES

- 100% Digital PIR Detection, Excellent RF Immunity
- 120° by 40 ft (12.19 m) Coverage for Small Motion
- Single and 2-Pole Versions
- Interchangeable Hot & Load Wires -Impossible to Wire Backwards
- No Neutral Required / No Minimum Load
- Compatible w/ Electronic & Magnetic Ballasts, CFLs, & Incandescents
- Adjustable Time Delay
- Push-Button Programmable
- Non-Volatile Settings Memory

SPECIFICATIONS

| | |
|--------------------|---|
| Size: | 3.0" H x 3.6" W x 1.75" D (7.62 cm x 9.14 cm x 4.45 cm) |
| Weight: | 7 oz |
| Mounting: | Single Gang Handy Box (add Wiremold Box # V5719 for Corner Mounting) |
| Color: | White or Ivory |
| Operating Voltage: | 120/277, 347 VAC 13 Amps / Pole (347 VAC must be same phase) |
| Motor Load: | 1/4 HP |
| Frequency: | 50/60Hz |

ROHS compliant

Warranty

Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

AcuityControls

Sensor Switch

WVR 16
WVR 16 2P
Wide View Sensor



ORDERING INFORMATION

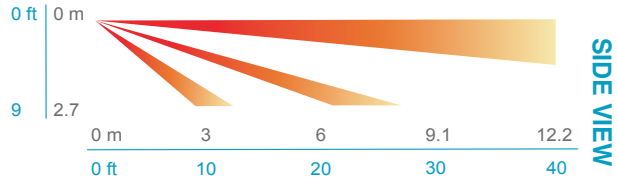
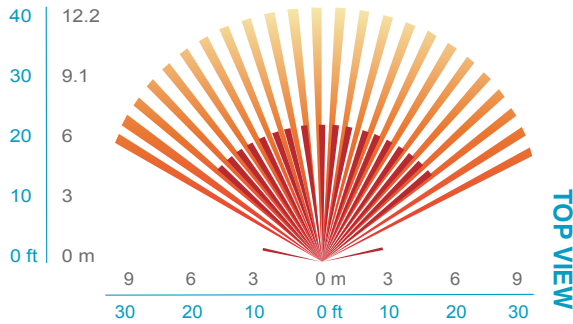
| WVR 16 | | Example: WVR 16 WH | |
|-------------------------|-----------------------------|-----------------------------|----------------------|
| Series | Poles | Voltage | Color |
| WVR 16 Wide View Sensor | [blank] 1 Pole 2P 2 Pole | [blank] None 347 347 VAC | WH White IV Ivory |

*Note: 2P units with 347 VAC option must be of the same phase

COVERAGE PATTERNS

WIDE VIEW LENS

- Small motion (e.g. hand movements) detection up to 40 ft (12.19 m).
- Large motion (e.g. walking) detection up to 70 ft (21.34 m).
- Designed for 8 to 10 ft (2.44 to 3.05 m) high mounting in room corner.
- Tested to NEMA WD 7-2011



WIRING (DO NOT WIRE HOT)

STANDARD WIRING

- | | | |
|--------|-----------------|--------------------------------|
| BLACK* | - Line Input 1 | } *BLACK wires can be reversed |
| BLACK* | - Load Output 1 | |
| BLUE* | - Line Input 2 | } *BLUE wires can be reversed |
| BLUE* | - Load Output 2 | |
| GREEN | - Ground | |

347 VAC OPTION (347)

Black wires are replaced w/ Red wires

