

OVERVIEW

The **WVR PDT 16** Series sensor mounts in a corner, provides line of sight PIR detection of small movements up to 40 ft away as well as Microphonics™ for detection around obstructions. These features make it ideal for retrofit applications like classrooms with inaccessible ceilings. **WVR PDT 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 PDT 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
- Patented Dual Technology with PIR/Microphonics™ Detection
- 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)
 Mounting Height: 7 to 8 ft
 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.



Sensor Switch™

*WVR PDT 16
 WVR PDT 16 2P
 Wide View Sensor*



ORDERING INFORMATION



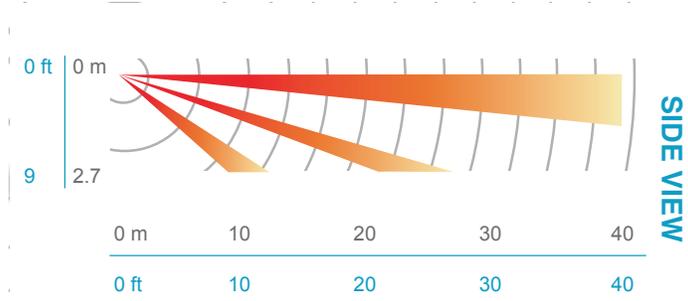
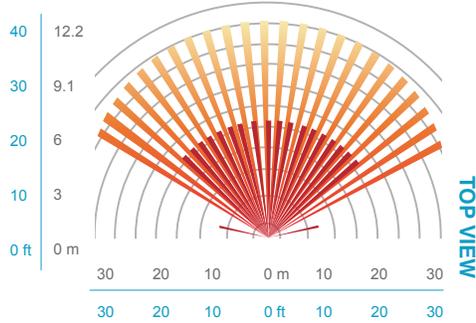
WVR PDT 16		Example: WVR PDT 16 2P WH			
Series	Poles	Voltage		Color	
WVR PDT 16 Wide View Sensor	[blank] 1 Pole	[blank]	None	WH	White
	2P 2 Pole	347	347 VAC	IV	Ivory

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

COVERAGE PATTERNS

WIDE VIEW LENS WITH MICROPHONICS™

- 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.
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on.



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

