

# WOR - Ceiling Mount Occupancy Sensor for DRC

Project Name: \_\_\_\_\_

Part Numbers: \_\_\_\_\_ Date: \_\_\_\_\_

## Features

- Dual Technology (ADI-Voice® & PIR)
- Low Profile
- 18° Tilt Lens
- Auxiliary Relay
- Configuration Dial
- Plug 'N Control® out-of-the-box

ASHRAE 90.1 Compliant

The Dual Technology (ADI-voice and Passive Infrared) Occupancy or Vacancy Ceiling Sensors for Dialog® Room Controller kits provide the lowest profile ceiling sensors with 360° of coverage to turn lights ON or OFF based on occupancy. A tilting lens helps direct the sensor to or away from specific areas and the on-board timer adjustment can be set for delays from 3 seconds to 40 minutes. Smart Sense technology allows lights to be switched ON through motion or voice for up to 4 minutes after an unwanted OFF.

**Typical Applications:** The sensor includes an auxiliary relay for control of HVAC or BAS systems. Plug 'N Control ready, the sensor connects to the Dialog Room Controller via our simple 2-wire, nonpolarized low voltage (18/2 AWG) data/power bus, minimizing commissioning time.

PART NUMBER	DESCRIPTION
WORSDG1-R-T	Dual Tech Occupancy Sensor Std Lens with Aux Relay
WVRSDG1-R-T	Dual Tech Vacancy Sensor Std Lens with Aux Relay
WORXDG1-R-T	Dual Tech Occupancy Sensor Xtd Lens with Aux Relay
WVRXDG1-R-T	Dual Tech Vacancy Sensor Xtd Lens with Aux Relay
WORBDG1-R-T I	Dual Tech Occupancy Sensor High Bay Lens with Aux Relay

DIALOG ROOM CONTROLLER

OCCUPANCY SENSOR

### Auxiliary Relay Connection

Yellow (common)  
Yellow/Black (N/O)  
Yellow/White (N/C)

COVER REMOVED

Dialog Network  
Terminal Block



Dialog 2-wire (#18/2), low voltage,  
non-polarized power and data bus.

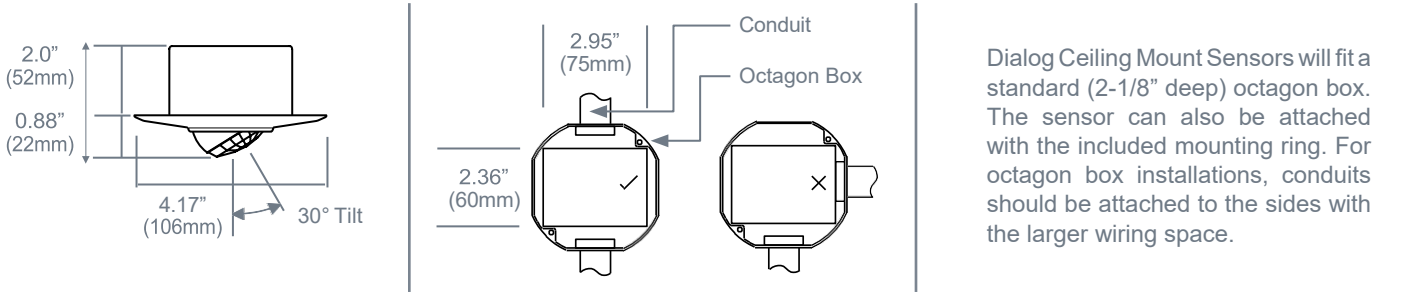
Commissioning Dial



# WOR - Ceiling Mount Occupancy Sensor for DRG

## Dimensions

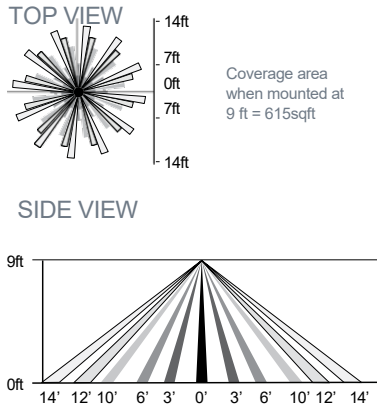
Inches [mm]



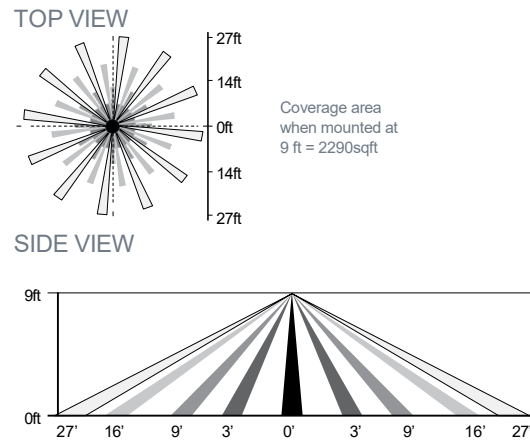
Dialog Ceiling Mount Sensors will fit a standard (2-1/8" deep) octagon box. The sensor can also be attached with the included mounting ring. For octagon box installations, conduits should be attached to the sides with the larger wiring space.

## LENS RANGE AND COVERAGE PATTERNS

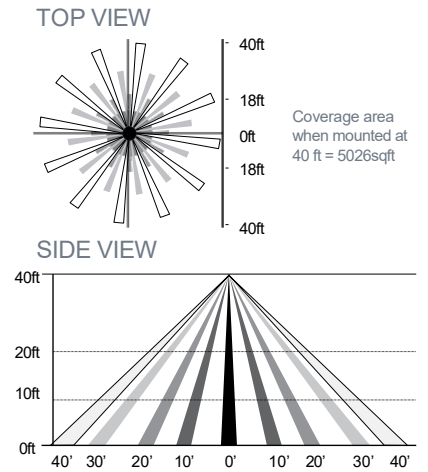
### Standard Range Lens (S)



### Extended Range Lens (X)



### High Bay (B)



## Technical Details

<b>FUNCTIONALITY</b>	<ul style="list-style-type: none"> <li>Occupancy (Auto ON/Auto OFF)</li> <li>Vacancy (Manual ON/Auto OFF)</li> <li>Proprietary ADI-Voice &amp; Passive Infrared</li> <li>Timer Factory Setting: 10 minutes.</li> <li>Timer Range: 3 seconds to 40 minutes</li> <li>Smart Sense: min.15 seconds, max. 4 minutes</li> </ul>
<b>CURRENT DRAW</b>	<ul style="list-style-type: none"> <li>25mA</li> </ul>
<b>POWER REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>Powered by Dialog 2-wire, non-polarized low voltage data bus</li> </ul>
<b>APPROVALS</b>	<ul style="list-style-type: none"> <li>ASHRAE 90.1 Compliant</li> </ul>
<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>14°F to 140°F (-10°C to +60°C)</li> <li>Stationary, non-vibrating, non-corrosive atmosphere, and non-condensing humidity</li> </ul>
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>Standard 5-year</li> </ul>