

# Daintree® Wireless Controls

## Occupancy Sensor, Wall Mount (WOS2-WM)

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

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_



### Specifications

<b>Dimensions:</b>	3.6" W x 2.8" H x 3" D (92mm W x 70mm H x 77mm D) Weight: 94g (without battery)
<b>Indicators:</b>	Network LED (green): Network joined; Installation test; Low battery Sensor LED (red): Motion; Installation test
<b>Controls:</b>	Utility button: Installation test; Activate device; Reset Trimpot: PIR sensitivity
<b>Sensor Coverage:</b>	110°, 11 m/36 ft (WOS2-WM-W) 20°, 30 m/98 ft (WOS2-WM-L)
<b>Off-delay Timer:</b>	30 sec (default) > 30 sec (software configurable)
<b>Radio Properties:</b>	2.4 GHz +7dBm transmit power
<b>Operating Environment:</b>	14°F to +122°F (-10°C to 50°C) Indoor use only
<b>Mounting:</b>	(2) Screw holes on swivel mounting bracket; wall (or ceiling) mount
<b>Compliance:</b>	US: FCC Part 15B, FCC ID (NRH-ZB-Z100B) Canada: ICES/NMB-003 Class B, IC ID (8984A-Z100B)
<b>Power Supply:</b>	(2) AA 3.6V Lithium-thionyl chloride battery (included)
<b>Battery Life:</b>	5 Years (normal operation)
<b>Warranty:</b>	5 years

### Description

The **WOS2-WM** is a battery-powered occupancy sensor utilizing passive infrared (PIR) sensing technology to detect movement. As part of the Daintree Networked platform and using open, standards based ZigBee wireless communications, the WOS2-WM reports real-time occupancy events to turn lights on or keep them on when movement is detected, and turn lights off when a space is left vacant. The sensor's off-delay timer is userconfigurable from any location using the Daintree Controls Software (DCS) web application, eliminating the need for on-site, manual sensor adjustment.

Installation is quick and easy without the need for any wires or plenum access.

- Suitable for many applications, including commercial office, retail, and education
- Simple wall mount
- Completely wireless installation, ideal for retrofit installations
- Two lens options for wide-angle or long-range coverage
- Configure as an occupancy or vacancy sensor through the DCS web application

### Ordering Information

Product Code	Product Description
WOS2-WM-W	Wireless Occupancy Sensor, Wall Mount, Wide-Angle Lens
WOS2-WM-L	Wireless Occupancy Sensor, Wall Mount, Long-Range Lens



# Daintree® | Occupancy Sensor, Wall Mount (WOS2-WM)

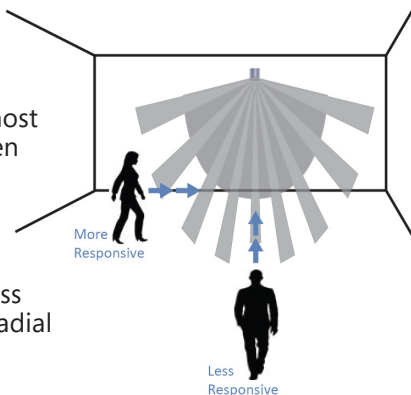
## Ordering Information

Current offers 24 x 7 support with a 30-minute rapid response time for technical issues. The average tenure of Current's support is 10 years and a 93% overall satisfaction rating. The table below summarizes the warranty period for all components of the Daintree system.

Component	Warranty Period	Coverage Details
Daintree Software	1 year (IoT Cloud installed Software) Subscription term (SaaS) 3 years	Current warrants that as long as all applicable fees due are paid, Daintree Software will substantially conform to the applicable published documentation and published specifications for the Warranty Period.
System Controller	3 years	100% parts coverage. Warranty for non-Daintree software (such as operating system software) is provided by the respective software; Current makes no warranty with respect to non-Daintree software.
WAC's	5 years	100% parts coverage
Wireless Adapters	5 years	100% parts coverage
Wireless Devices	5 years	100% parts coverage, excluding batteries
Wireless Thermostats	2 years	100% parts coverage

## Placement

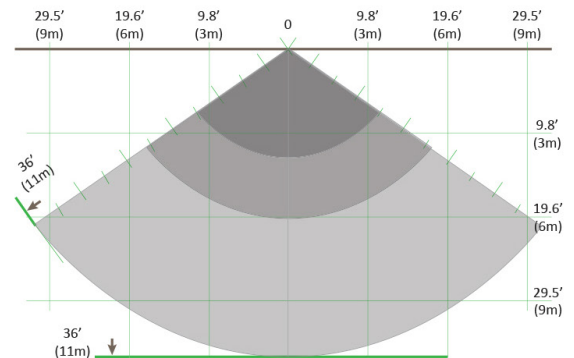
The sensor is most responsive when crossing the field of view:



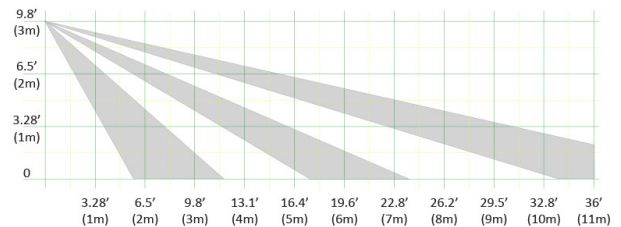
The sensor is less responsive to radial movement:

WOS2-WM-W (wide-angle)	
Installation Height	6.5' to 10' (2m to 3m) from floor
Installation Angle	15° tilt toward floor
Detection Angle	110°
Detection Range	up to 36' (11m)

Top View Sensor mounted at 9.8' (3m) height from floor, 15° vertical tilt

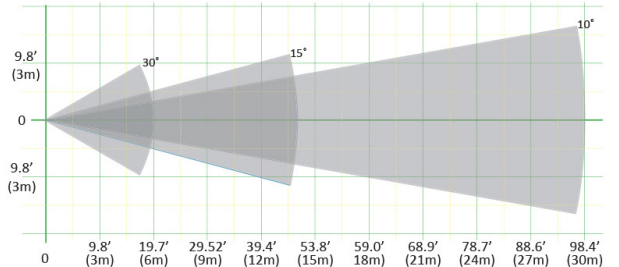


Side View Sensor mounted at 9.8' (3m) height from floor, 15° vertical tilt



WOS2-WM-L (long range)	
Installation Height	6.5' to 7.2' (2m to 2.2m) from floor
Installation Angle	15° tilt toward floor
Detection Angle	20° / 30 meters
Detection Range	6.5' to 98.4' (2m to 30m)

Top View Sensor mounted at 9.8' (3m) height from floor, 15° vertical tilt



Side View Sensor mounted at 9.8' (3m) height from floor, 15° vertical tilt

