DaintreeNetworks

Cut Sheet

Wireless Occupancy Sensor, Ceiling Mount (WOS2-CM)

Product Overview

The Daintree Networks ceiling mounted Wireless Occupancy Sensor (WOS2-CM) operates seamlessly within the ControlScope™ wireless building controls platform. The WOS2-CM is a battery-powered occupancy sensor utilizing passive infrared (PIR) sensing technology to detect movement. As part of the ControlScope system and using open, standards-based ZigBee wireless communications, the WOS2-CM 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 user-configurable from any location using the ControlScope Manager (CSM) 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, while its sleek, low-profile design will complement any office or professional environment.

- Suitable for many applications, including commercial office, retail, and education
- Simple ceiling mount
- Completely wireless installation, ideal for retrofit installations
- Standard and Extended coverage range options
- Configure as an occupancy or vacancy sensor through the CSM web application

Specifications	
Dimensions	Diameter x Depth: 3.7"x 1.3" (95mm x 32mm) Weight: 81g (without battery)
Indicators	Network LED (green): Network joined; Installation test; Low battery Sensor LED (red): Motion; Installation test
Controls	Utility button: Installation test; Activate device; Reset Trimpot: PIR sensitivity
Sensor Coverage	360°, up to 500 sq. ft (WOS2-CM-S) 360°, up to 1000 sq. ft (WOS2-CM-E)
Off-delay Timer	30 sec (default) > 30 sec (software configurable)
Radio Properties	2.4 GHz +7dBm transmit power
Operating Environment	14°F to +122°F (-10°C to 50°C) Indoor use only
Mounting	(2) Screw holes on base plate; ceiling mount; twist-lock, removable sensor
Compliance	US: FCC Part15B, FCC ID (NRH-ZB-Z100B) Canada: ICES/NMB-003 Class B, IC ID (8984A-Z100B)
Power Supply	(2) AA 3.6V Lithium-thionyl chloride battery (included)
Battery Life	5 Years (normal operation)
Warranty	5 Years

Specification Data	
Job Name	
Job #	
Catalog #	
Comments	

Product Number	Product Description
WOS2-CM-S	Wireless Occupancy Sensor, Ceiling Mount, Standard Coverage 500 sq. ft
WOS2-CM-E	Wireless Occupancy Sensor, Ceiling Mount, Extended Coverage 1000 sq. ft

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