Wireless Occupancy Sensor, Wall Mount (WOS2-WM)

Daintree Wireless Solution
The Wireless Occupancy Sensor, Wall Mount (WOS2-WM) is part of the Daintree product portfolio, an open networked wireless controls solution for lighting and building control, monitoring, and optimization. Daintree controls provide a highly scalable solution to address evolving environmental regulations and transform spaces into intelligent environments for buildings of all sizes.

Consisting of three components, Daintree includes sensors and controls at the edge, an open API cloud platform, and software apps to help facility managers make decisions based on how space and assets are actually being used using a data-rich sensor network. Benefits of adding wireless Daintree controls include:

- Up to 50% Energy savings across lighting, HVAC, plugload, fans and more
- Visibility into energy usage, trends and insights to optimize operations
- Automated demand response, superior comfort and lower maintenance expense

Daintree Wireless Solutions Product Overview
The WOS2-WM 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-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 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.

- 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 CSM web application

Daintree Network Architecture
Wireless Occupancy Sensor, Wall Mount (WOS2-WM)

**Specifications**

**Dimensions**
3.6” W x 2.8” H x 3” D
(92mm W x 70mm H x 77mm D)
Weight: 94g (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**
- 110°, 11 m/36 ft (WOS2-WM-W)
- 20°, 30 m/98 ft (WOS2-WM-L)

**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 swivel mounting bracket; wall (or ceiling) mount

**Compliance**
- 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

**Product Code**

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