



Catalog #: _____ Project: _____ Type: _____

Prepared By: _____ Date: _____

AirLink Blue Dual Tech Motion Sensor (ALBCM DTOS UNV)

Wireless Dual Tech Motion Sensor



OVERVIEW	
Mounting Height (ft)	up to 10'
Coverage Range (ft)	approx 22' radius
Coverage Area (ft ²)	1,900

QUICK LINKS

FEATURES & SPECIFICATIONS

Description

- The ALBCM DTOS UNV is a DUAL tech ceiling mounted PIR sensor, which uses both PIR and ultrasonic detection methods to provide improved performance in areas where a PIR sensor alone will not suffice. It utilizes a Bluetooth® Low Energy (BLE) mesh network. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.
- The sensor detects motion and turns lights on when an occupant passes in or out of the sensor zone. The lights remain on as long as the occupant moves through the sensor zones. When motion is no longer detected the sensor will turn off the lights after a timeout period.
- The ALBCM DTOS UNV Control parameters are adjustable via an iOS App capable of storing and transmitting sensor profiles.
- Ceiling motion sensor utilizes a Bluetooth Low Energy (BLE) mesh network.

Construction

- Constructed of white/ PC

Features

- 360 degree PIR Motion sensor can be configured as an occupancy sensor. Dual Tech improves presence detection avoids false triggers. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.
- Max Bluetooth® range is 150'(40m)line of sight and highly dependent on the integration of fixtures, surrounding environment. It is recommended to conduct testing for range accuracy.
- Input Voltage I Load
- 120/230 (single phase)/277 /347 VAC, 50/60 Hz
- @120VAC, 800W Ballast/LED/Tungsten
- @230VAC, 1200W Ballast/LED/Tungsten
- @277VAC, 1200W Ballast/LED/Tungsten
- @347VAC, 1500W Ballast/LED/Tungsten
- Ultrasonic frequency: 40kHz
- PIR Sensor Range: 1900ft2 (180m2)
- Ultrasonic Sensor Range: 1600ft2(150 m')
- PIR detection is 360° coverage pattern and it is best suited for areas with a clear line of sight and good air circulation.
- Operating temperature range of 0°C to 55°C

Installation

- Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- FCC
- ETL
- DLC
- Bluetooth
- For technical support contact us at controls.support@lsicorp.com or call (800) 436-7800, option 4

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: ALBCM DTOS UNV

Prefix	Description	Part Number
ALBCM DTOS UNV	AirLink Blue Dual Tech Motion Sensor	840450



Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800



AIRLINK BLUE (ALBCM DTOS UNV)

Wireless Bluetooth Mesh Lighting Control System that provides energy savings, code compliance and enhanced safety/security for indoor and outdoor lighting applications. Key components include Bluetooth wireless sensors, control modules, astronomic time keeper, and manual override wall controls all configured from the AirLink Blue iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Sensors and controllers can be factory installed and integrated into fixtures or external control modules can be utilized by hard wiring to fixtures in the field where fixture integration is not possible.

[Click here to learn more details about AirLink Blue](#)

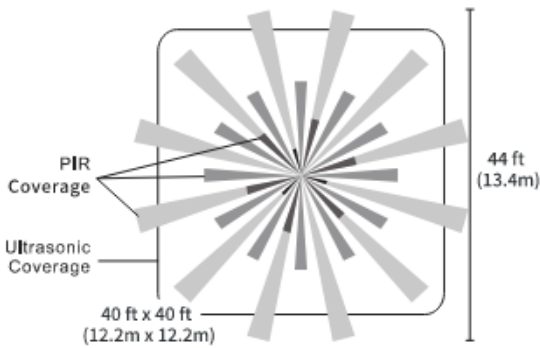


AirLink Blue App

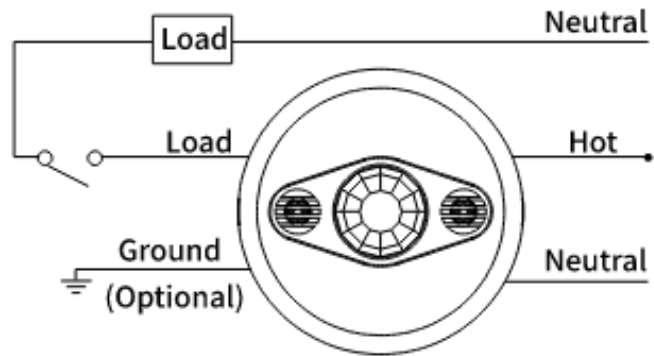


Apple

COVERAGE



WIRING DIAGRAM



DIMENSIONS (mm)

