

Occupancy Sensor Track Mounted

Sensor Model: S-MD-K17-DK00



Features

- PIR Sensor
- Photocell
- Bluetooth Mesh Qualified
- LED Motion Indicator
- 360° Coverage Pattern
- Program Occupancy/Vacancy
- Photocell for Ambient Light Detection
- Suitable for Indoor Use Only
- Available with White or Black trim

Certifications



Installation

The sensor requires non-dimmed line voltage for operation. Suitable applications include 0–10V, DALI, and DMX line-voltage track systems. In phase-dimming track applications, the sensor must be powered by separate non-dimmed line-voltage conductors.

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

<u>Outdoor (line of sight):</u>	200ft
<u>Indoor (through building material):</u>	
Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

Devices with external antenna should have the antenna outside any metal box and away from metal surfaces as metal reduces connectivity.

For design purposes a 60ft. maximum distance is appropriate for most installations.

NOTE:

S-MD-K17-DK includes adapter for EUTRAC/STUCCHI track. For other line voltage track brands. please contact BubblyNet Sales.

Specifications

- Sensor Type - PIR Occupancy Sensor
- Input Voltage - Line Track Ac Voltage
- Current Consumption - 50mA
- Max Power Consumption - 1.2W
- Mounting Height - 10' (3m)
- Max Detection Area* - 12' (3.66m) Diameter
- Operating Temperature - 22°F to 158°F (-30°C to 70°C)
- Storage Temperature - -40°F to 176°F (-40°C to 80°C)
- Relative Humidity - 90-95% non-condensing at 30°C
- Mounting - Line or Mini Track
- Warranty - 2 Years

*results may vary based on mounting height, temperature, angle, floor material, and line of sight.

Description

The **Occupancy Sensor** is track mounted device with Passive Infrared (PIR) sensing capabilities. The sensor will automatically turn luminaires on to the set dimming level when motion is detected and turn lights off after the area is vacated.

Sensor Operation

End users can program length of time delays, light level sensitivity, sensor range and other settings using the BubblyNet App.

Detection Area (reference only)

