

Plug & Play PIR Zhaga Z10 Controller

Model: C-TZS-42-WZ10



Features

- PIR (Passive Infrared) Occupancy Sensor
- Bluetooth Mesh Qualified
- LED Motion Indicator
- Suitable for Indoor and Outdoor Use
- Available with White or Black trim

Specifications

- Sensor Type - PIR Occupancy Sensor
- Input Voltage - 12-24VDC
- Current Consumption - 50mA
- Output - 0-10V
- Max Mounting Height - 40' (12.2m)
- Max Detection Area* - 30' (9.1m) radius
- Operating Temperature - -4°F to 140°F (-20°C to 60°C)
- Protection: IP65
- Mounting - ZHAGA Z10
- Dimensions - 2.17" diameter (55 mm)
- Warranty - 5 Years

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

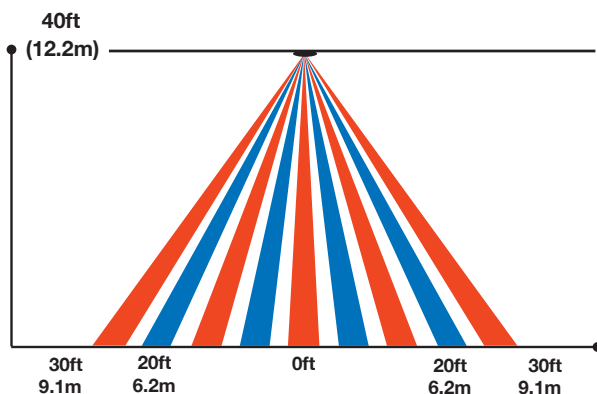
Description

The Plug & Play PIR Zhaga Z10 Controller uses digital PIR Motion Detector Architecture and passive infrared (PIR) technology for improved detection coverage for fixture-mounted applications. The sensor is configurable as an occupancy or occupancy and Daylight Sensor.

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)



Certifications



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>	100ft
Glass:	70ft
Drywall:	60ft
Cinderblock:	50ft
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.

WIRING DIAGRAM

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC

