LMIC-TPIR Motion Sensor and Override Controller

Specifications

- Sensor Type – PIR Motion/Occupancy Sensor
- Input Voltage – 3VDC (2 x 1.5v Alkaline Batteries)
- Mounting Height – Maximum 40'
- Operating Temperature – -4 to 120 F
- Dimensions – 2.5 x 3.5 x 1 inches
- Bluetooth Range – Unobstructed - 100'
  With Interior Walls - 35'

Certifications

 FCC ID of Bluetooth module

Description

The LMIC-TPIR is a surfaced mounted Passive IR (PIR) motion/occupancy sensor. By communicating with the LMIC Bluetooth Mesh Network, the sensor automatically executes the commands to the Subgroup LMIC-R connected lights.

To maximize battery life, the TPIR is not a node of the Bluetooth Mesh, but interfaces with the mesh devices. The TPIR has an estimated 10-year battery life.

Features

- Motion/Occupancy Sensing
- Manual Override of App Settings – On/Off DIM
- 120-degree coverage
- Programable occupancy/vacancy – time delays

Installation

The TPIR is Provisioned and added to subgroups in the same way as the LMIC-T.

The TPIR can be mounted to the wall or ceiling using the included Velcro.
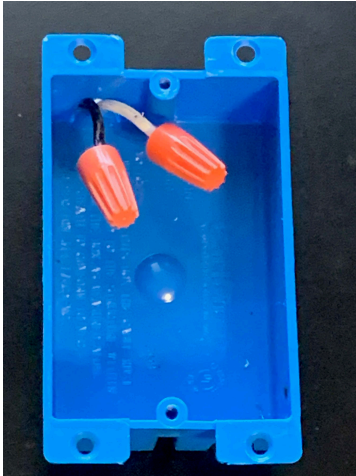
As the TPIR is not part of the Bluetooth mesh network, it must be used with at least one LMIC-R.

It is essential that when batteries are installed in the TPIR, that it be Provisioned and added to a subgroup quickly. Without being part of a subgroup, the TPIR batteries will drain quickly as it is searching for a LMIC-R.

Operation

Using the On/Off and DIM buttons overrides the App parameters. If the "Motion Sensor" feature is turned on, the override end when the "no motion" time has elapsed. Each click of the DIM button changes the light output by 5%.

TPIR Wall Switch Mounting Instructions on Next Page

TPIR Wall Switch Mounting Instructions

Remove wall switch cover.
Remove switch and cap wires

Purchase a Wall Switch Blank Cover.
Remove screw from TPIR back cover.
Drill from back side.

Use a 9/64" drill bit to drill a hole 1-5/16" above the center of the bottom switch cover hole.

Use a ¾" #4 screw to secure the wall switch cover to the TPIR.

TPIR will mount flush to the wall switch cover.

Secure the wall switch cover to the wall switch.

If the application does not have an existing wall switch. Purchase a wall switch cover and mount TPIR as above. Secure the wall switch cover to the wall using an anchor and screw.

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www.ledsitck.net
(888) 924-4533