

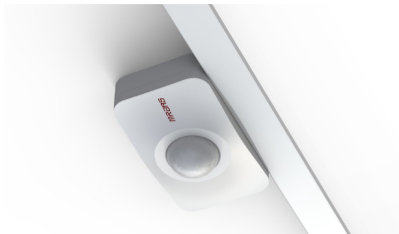


Overview

Wireless Dimming Module is configured as International Standard Protocol IEEE802.15.4 ZIGBEE Communication that included with Occupancy Detection and Photo Detecting Sensor function. As Wireless Dimming Module of LED Lamp, the Maximum Control Output is 180W.

Main Feature

- International Standard Protocol IEEE 802.15.4 ZIGBEE Communication
- The maximum of 254 EA Gateway has Stand Alone Function.
- The maximum AG(Access Group) 127 EA
- Actually configured AG is below 5 EA.
- The one Gateway (WG) is configured of less than 5 EA of AG and one AG is designed to have 64 EA of Wireless Dimming Module.
- Each Wireless Dimming Module is able to control the Analog Dimming Control within the range of Max and Min Dimming Range.
- The Dimming Control is for each SCENE specific, it has the occupancy detecting and photo detection sensing function.
- Each Wireless Dimming Module is able to STEP UP and DOWN without Dimming's FADING.
- Each Wireless Dimming Module able to control by Group which the Group can be set for 1- 16 groups.
- The Photo Detecting Sensor and Occupancy Sensor that installed at each Wireless Dimming Module is to choose for operating or no operating due to selection of Enable.
- Each Wireless Dimming Module is internal with Stand Alone Function at CPU, the Dimming Control is able by sensor from site.
- It has Self-Diagnosis function to display the error status for communication error and dimming output error.



Application

- Applied at Office area
- Applied at Underground Parking Lot area
- Applied at Conference Room
- Applied at Hallway and Lobby area
- Applied at Class room and Restaurant area
- Applied at Office Building, Shopping Mall, Hotel, Residential Complex, Terminal and Public Area to be as efficient management system for Lighting & Black-out.
- Dimming Scene Control for LED Lamp's Individual & Group.
- The Auto LED Dimming Control due to external Photo.
- The LED Dimming Control due to Movement Detecting Sensor.
- The Installation is easy due to Wireless Communication and the Maintenance is convenient
- By the Self-Diagnosis Function, the Maintenance is convenient
- The various function is taking advantage due to actual installation of the operating experience.

Specification

Electrical Specification

- Input voltage : DC 10V ~ 60V
- Output current : Max. 3A
- Output power : Max. 180W @60V
- Internal power consumption : 0.4W max
- Communication : IEEE 802.15.4 ZIGBEE
- Dimension : 78(W)*46(H)*12(D), Sensor Radius 6mm

Basic Function

- 1 - 254 step Dimming
- Setting the Max and Min range of Dimming
- Setting the Fading Rate & Fading Time
- Select the Enable for Body Detecting Sensor & Photo Sensor function
- Setting the Interval Time for Body Detecting Sensor & Operation of Photo Sensor
- When the Sensor's Operation is OFF, select the Dimming to OFF or Minimum
- Setting the Address of each Wireless Module in the order of Gateway-Access Group-WDM
- Setting the Scene for 1- 16
- Setting the Group for 1 - 16
- Setting the Wireless Module that is able to interlock with each Wireless Module's sensor
- The LED FLASH ON/OFF function for Warning & Circuit Line Check
- Self-Diagnosis Function : Communication Error & Dimming Output Error
- It has the information for its status (FADE RATE, FADE TIME, MAX Value, Min Value, Group Info, SCENE Info and Sensor Enable or not)

Connection Diagram

