



# LIGHTING CONTROLS

E-RECEIVER

EnOcean Receiver for ELC

WIRELESS SYSTEM

## Overview

This Receiver is connected at ELC System for SWS(Smart Wireless Switch) to operate the DALI Dimming Module, Wireless Dimming Module and Each of Relay by SWS(Wireless Switch). The capacity of this Receiver is similar to the Wireless Gateway. Therefore, one Receiver is connected at 24EA of SWS to control the Relays & Dimming Modules.



## Main Feature

- International Standard IEEE 802.15.4 ZIGBEE Communication
- Connects the 24EA of SWS to 1EA of Receiver.
- Connects up to 254 Receivers to 1EA of SCU (ELC System).

## 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

- It performs the Broadcast Communication role between ELC Network & Wireless Communication.
- Integrated Wired & Wireless Communication Gateway.
- It communicates between SCU & SWS and it is consist of 0 - 255 NODEs to configure the Max. 254EA of Receivers.
- IEEE 802.15.4 ZIGBEE TO ETHERNET Protocol Conversion
- Operating Power : 12 - 24VDC, 250mA
- Communication : IEEE 802.15.4 ZIGBEE
- Operation Environment : 0 - 40°C, 0 -90% RH

## Dimension

