



Datasheet

Product Name : Zigbee 2.4G Wireless Lamp Controller
(Indoors, Max.30M)

Model No. : ZD-211P

Release Date : 2020-09-08

Document version.

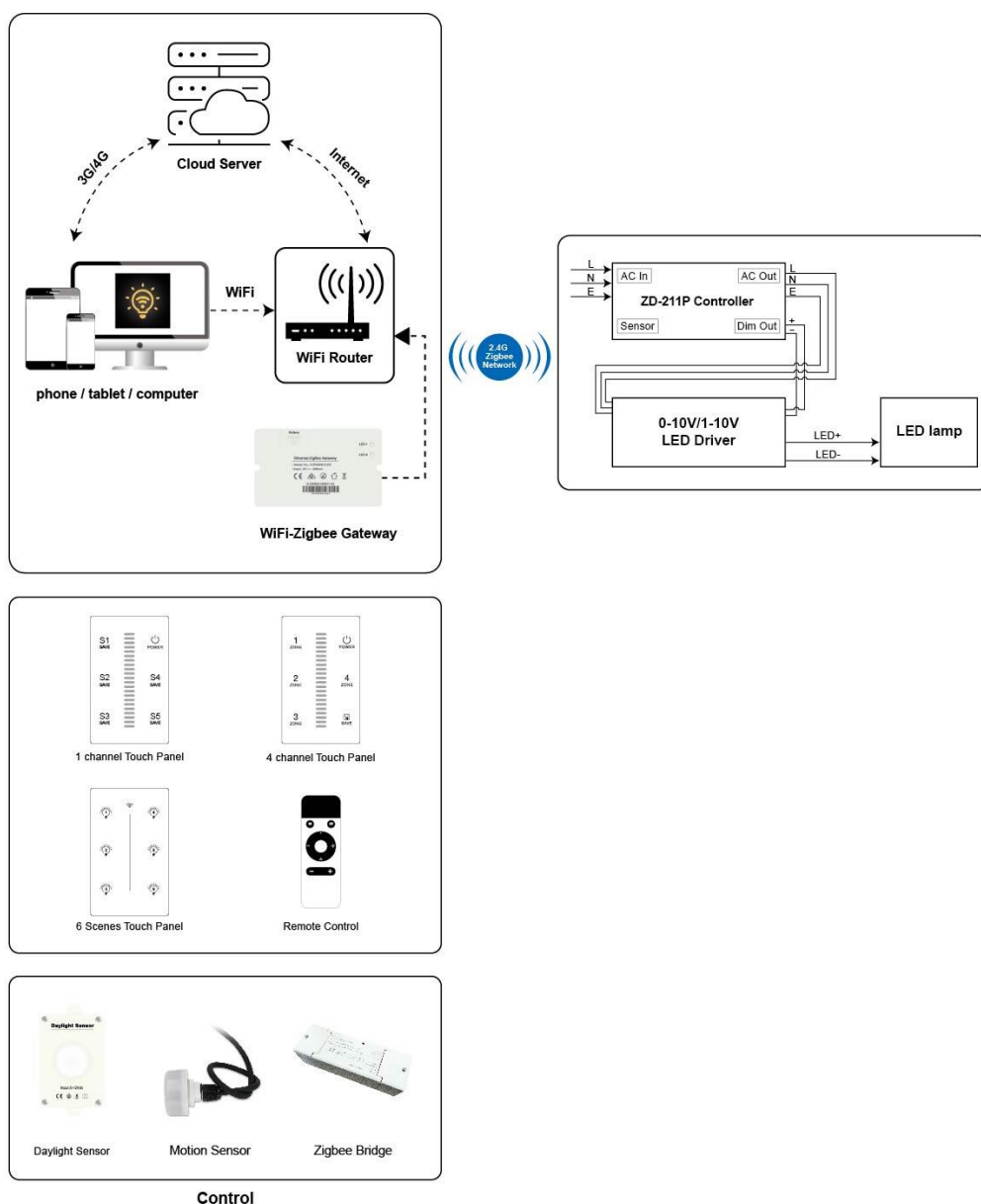
2018/03/02 Ver. 1.0
2019/05/12 Ver 1.1
2020/09/08 Ver 1.2

Approved	Audit	Design

1 Functions

ZD-211P is a Zigbee wireless dimmable lamp controller (include 30M, detachable antenna), based on ZLL / HA1.2 / Zigbee3.0 standard protocol, built-in wattage meter, well suited with MEANWELL, Philips.. 0-10V dimmable LED drivers. This controller can be controlled by cellphone APP, Wall mount panel, remote controller, it also supports Daylight sensor, Motion sensor. ZD-211P is compatible with "HUE" system of Philips, "Lightify" of OSRAM and "Lightify Pro" and other wireless gateway which based on ZLL / HA1.2/Zigbee3.0, it also compatible with echo/alexa from Amazon.

2 Infrastructure





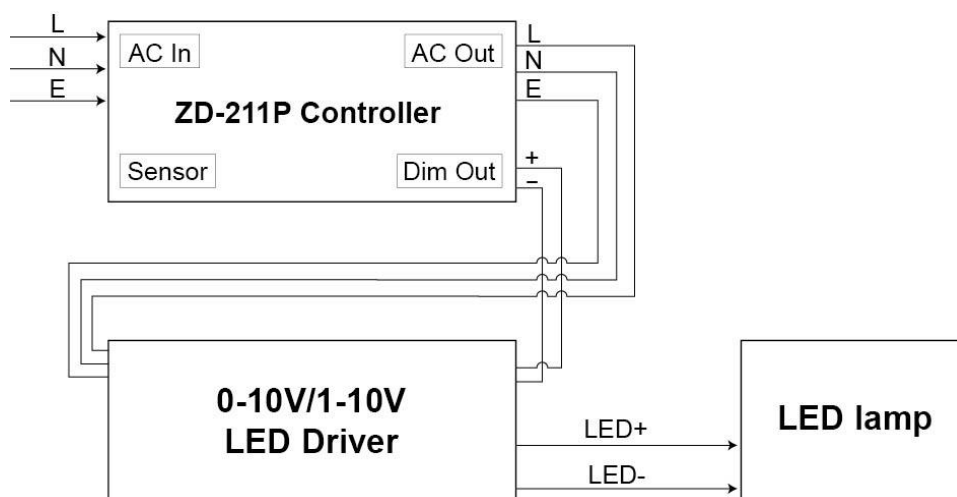
Product photo

3 Connections Definition

(1) The connection interface is defined as below :

Port		Description
AC In	L	100-277 Vac input
	N	100-277 Vac input
	E	GND
AC Out	L	100-277 Vac output (To LED driver)
	N	100-277 Vac output (To LED driver)
	E	GND
Dim Out	DIM+	+ Positive end of 1-10V dimming cable
	DIM-	-Negative end of 1-10V dimming cable
Sensor In		Sensor input

(2) Wiring Diagram



4 Parameters

Param.	Description
Input Voltage	100-277Vac 50/60Hz
Output Voltage	100-277Vac 50/60Hz
1-10V Max. output current	15mA
Typical current of Relay	$\leq 5A$ (recommended), $< \text{Max } 7A$
Wireless Frequency	2.4GHz
Working Temp.	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Max. Transmit Distance	30m (Open Space)
Idle wattage consumption	$< 0.2W$

5 Dimensions

109 x 60 x 50mm

6 Weight

130g

7 Package

1pcs/Box