

Datasheet

Product Name : DALI to 1-10V Dimming Controller

Model No. : ZD-214D

Release Date : 2022-05-25

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

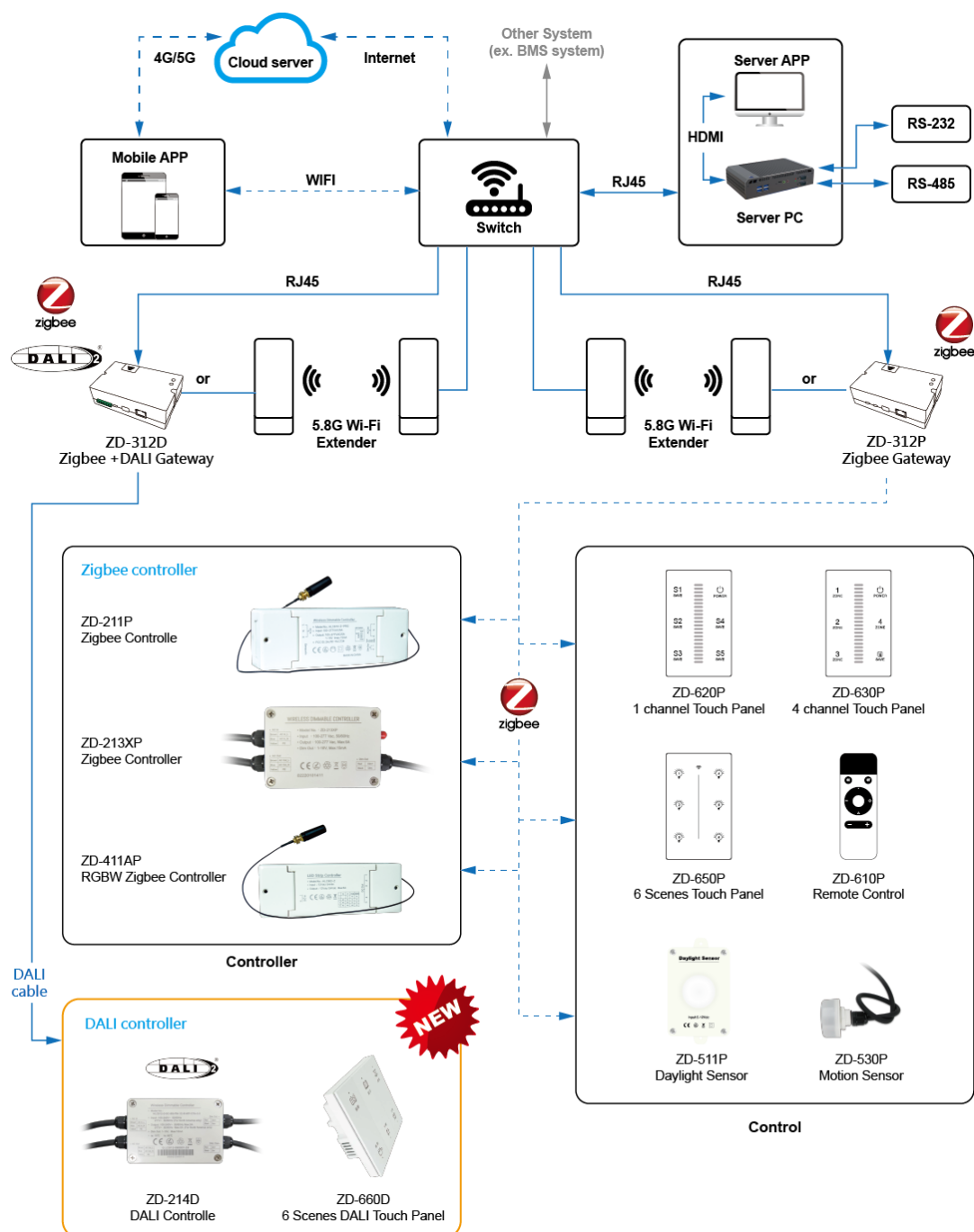
ZD-214D is a new DALI wired lamp controller, which developing based on DALI Protocol, transfer to 0-10V/1-10V dimming. It is well suited with all of the LED drivers which equipped with 0-10V/1-10V dimming interface. It connects with ECO-Link Pro system and gateway, controllable via Cellphone APP, Wall touch panel, Remote controller, also support daylight sensor and motion sensor.

2 Features

- Input voltage: 100-277Vac
- Output voltage: 100-277Vac
- Output dimming signal: 0-10V/ 1-10V
- Built-in AC relay to cut-off power, Typical relay current :5A, Max. 7A
- DALI Standard protocol. Need to combine with standard DALI general power.
- IP65 Rating
- Work Temp: -40~ 85 °C

3 Infrastructure

ZD-214D connect DALI lines with Gateway.



4 Connections Definition

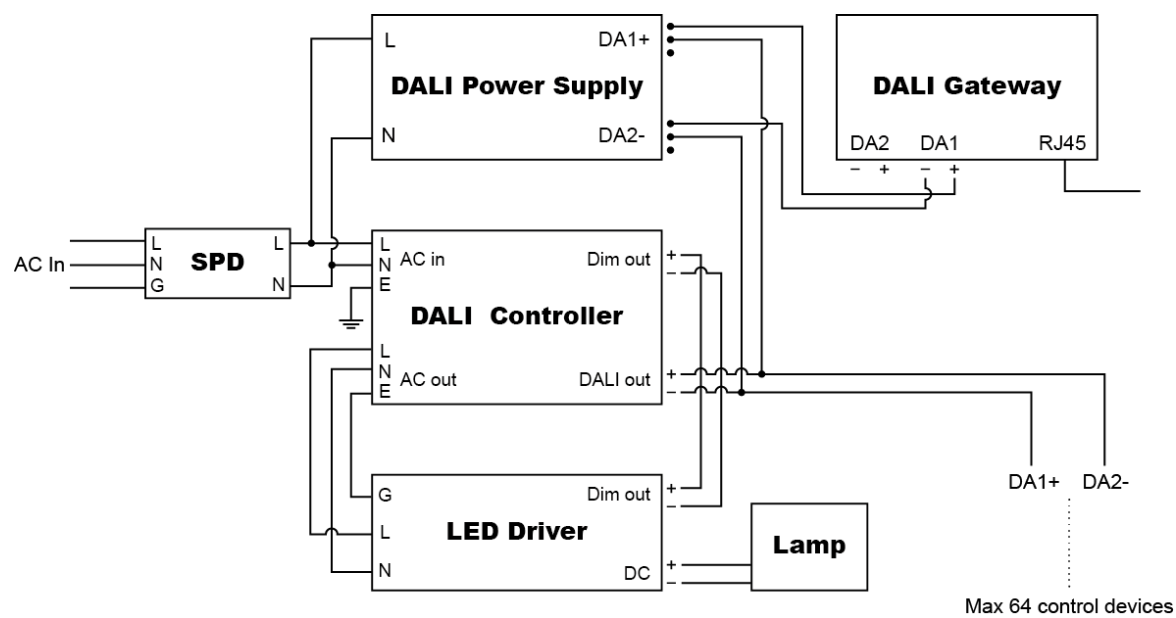
(1) Product photo :



(2) 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
DALI	DA+	DALI(+) signal input
	DA-	DALI(-) signal input

(3) Wiring Diagram



5 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	<=5A (recommended), <Max 7A
Idle wattage consumption	1.5W
IP Rating	IP65
Working Temp.	-40°C ~ 85 °C
Weight	457g
Package	1pcs/Box

6 Dimensions

Unit : mm

