

# Smart DALI to DC 1-10V Controller



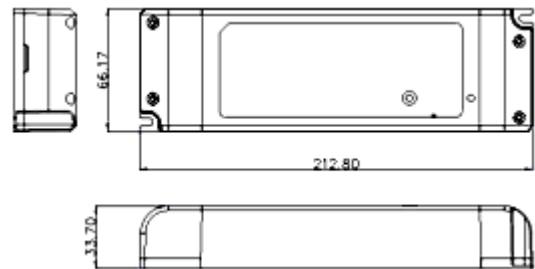
## Features

- Compatible with IEC-62386 (DALI) standard.
- Provide DC 1-10V output for traditional dimmable lamp drivers.
- Designed for DALI loop, easy installation, requires only two wires regardless of signal polarity.
- The rate of change in output voltage can be adjusted.
- Can be set to be controlled in a group manner for easy operation.
- 16 scenes with different illumination can be stored.

## Applications

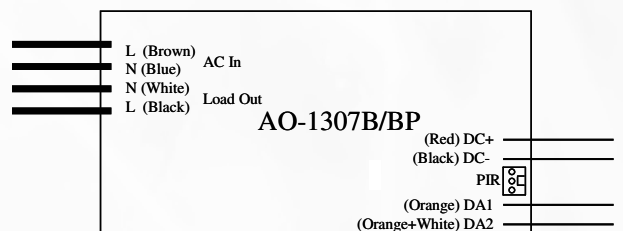
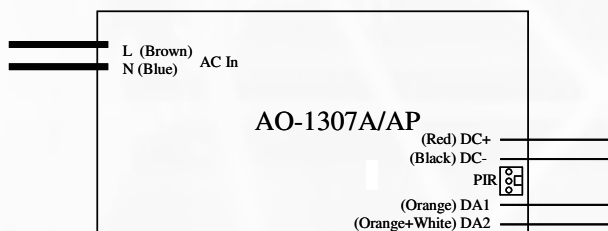
- The controller can convert the traditional lamp drivers with DC 1-10V dimming interface into the DALI digital commands.
- If employed in a DALI loop, the device can be used in conjunction with lighting drivers of DDL series, the load controller AO-1302AP, and the smart DALI to TRIAC illumination controller AO-1308AP/AO-1309AP.
- Can be used in conjunction with DALI ADCM (AO-1202A) and DALI switch modules.

## Dimensions (Unit: mm)



66.17(W)×212.8(L)×33.7(H)

## Wiring



## Model List

Model	Input Power	Operating	Control Interface	Output
AO-1307A	AC 90~240V 50/60Hz	-10 ~ 70°C	DALI	DC 1-10V, 5V/600Hz
AO-1307AP	AC 90~240V 50/60Hz	-10 ~ 70°C	DALI + PIR	DC 1-10V, 5V/600Hz
AO-1307B	AC 90~240V 50/60Hz	-10 ~ 70°C	DALI	DC 0-10V, 5V/600Hz
AO-1307BP	AC 90~240V 50/60Hz	-10 ~ 70°C	DALI + PIR	DC 0-10V, 5V/600Hz

# Smart ZB to DC 1-10V Controller



\*\* ZigBee Version has not DALI Lines

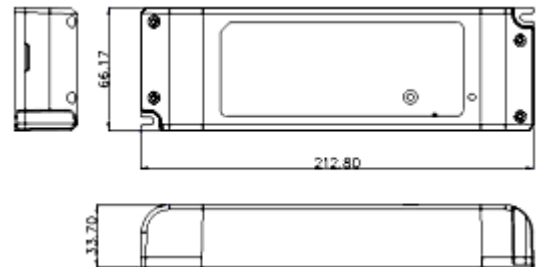
## Features

- Built-in AO-1503-ED ZigBee module based on ZigBee Pro 2007 protocol.
- Easy to install. When power on, connect to ZigBee existed network automatically.
- Provide DC 1-10V output for traditional dimmable lamp drivers.
- -97dBm sensitivity at the receiver.
- The slow rate of change in output voltage can be defined.
- Optimized built-in on board and external antenna with 150 M (LOS) transmitting distance, respectively.
- Can be set to be controlled in a group manner for easy operation.

## Applications

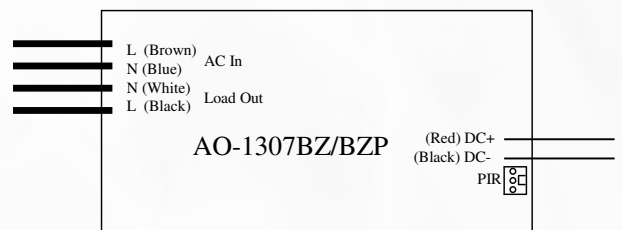
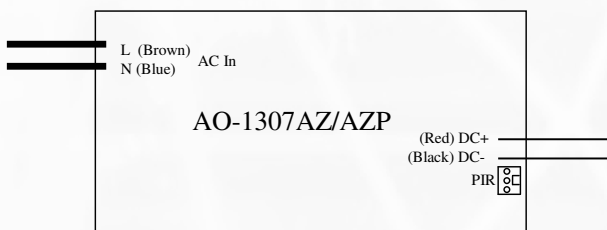
- The controller can convert the traditional lamp drivers with DC 1-10V or DC 0-10V dimming interface with ZigBee communication.
- Can be used in conjunction with ZigBee Coordinator and Router modules.

## Dimensions (Unit: mm)



66.17(W)×212.8(L)×33.7(H)

## Wiring



## Model List

Model	Input Power	Operating	Control Interface	Output
AO-1307AZ	AC 90~240V 50/60Hz	-10 ~ 70°C	ZigBee	DC 1-10V, 5V/600Hz
AO-1307AZP	AC 90~240V 50/60Hz	-10 ~ 70°C	ZigBee + PIR	DC 1-10V, 5V/600Hz
AO-1307BZ	AC 90~240V 50/60Hz	-10 ~ 70°C	ZigBee	DC 0-10V, 5V/600Hz
AO-1307BZP	AC 90~240V 50/60Hz	-10 ~ 70°C	ZigBee + PIR	DC 0-10V, 5V/600Hz