

# ZBA-B001 Zigbee Adaptor

## The ZBA-B001 Product Review

The ZBA-B001 is a basic control node in Zigbee network environment. It is designed based on Zigbee H.A 1.2 standard. It can provide dual dimming controls by selecting PWM digital and/or 0-10V analog dimming methods. This device can be setup to work as one-to-one or one-to-multiple luminaires based on application requirement.

The ZBA-B001 can work in wide range input from 110VAC to 277VAC, which eliminate the problem during field installation with various line voltages. Its compact size gives fixture manufacturer the flexibility during the design phase. The standard OTA feature helps firmware upgrade to ensure long term product maintenance and reliabilities.



Indicator and Output Functions	
LED Indicators	Red (Power On) Green Flash (Not Commissioned) Green Solid (Commissioned)
RST	Reset Button
Ext. Antenna	Ext. Antenna Connector
SW 1	Non Functional: default as 0-10V dimming On: RGBW 4-channel PWMs Control Off: Warm/Cool 2-channel PWMs Control
SW2	Reserved
SW 3	On: Ext. Antenna Enable Off: Ext. Antenna Disable

Specifications	
Compatibility	Zigbee H.A 1.2
Input	110-277VAC/50-60Hz
Operating Environment	-20 to +65°C
Radio Properties	2.4GHz +19.5dBm Transmit Power
Internal Antenna	Built-in
External Antenna	Optional with connector
Dimming Control	0-10VDC RGBW 4-Channel PWMs Cool/Warm 2-Channel PWMs
Dimensions	96x30x20mm (LxWxH)
Compliance	UL - Pending FCC - Certified
Warranty	5 year

Order Instructions	
ZBA-B001	0-10V dimming (Default)
ZBA-B001 RGB	4-Channel PWMs

Stand-alone Solution:  
1. Self-Powered Zigbee Adapter  
(AC Powered)

