

Wireless Mesh Module - Bluetooth / WiFi

12V or 24V DC Input / Output • 2-Channel & 5-Channel Control



Input	12V, 24V DC
Output	12V, 24V DC
Max. Power	96W Per Channel
Wireless Standard	Bluetooth
Dimming	Wireless PWM (~7.5kHz)
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP44



Features & Applications:

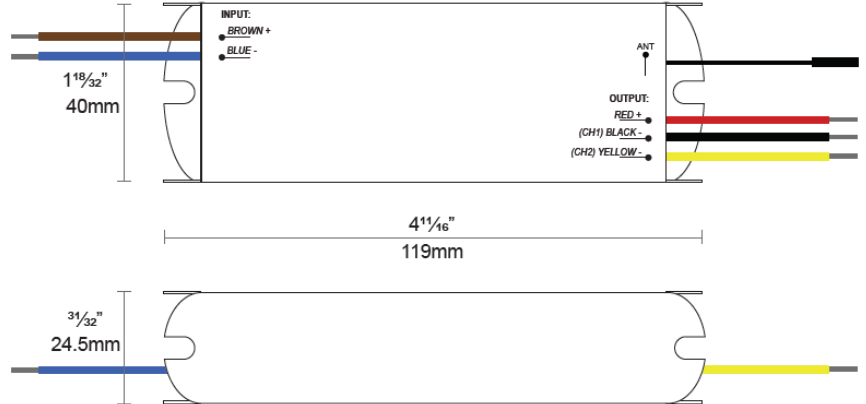
- Input: 12V or 24V DC
- Dimming: Wireless PWM (~7.5kHz) with mobile app (NOTE: do not use in combination with hardwired dimmers)
- Superior thermal performance
- Aluminum case with high W/m.K encapsulating material
- WiFi control with optional Bluetooth[®] gateway
- Transform 12V, 24V constant voltage LEDs into connected IoT / Smart Devices
- 2-Channel for Color Tunable
- 5-Channel for RGBW+WW
- Indoor and outdoor applications
- Residential and commercial
- New or retrofit installations

Electrical Specifications:

Model Number	Controller	Max. Wattage	Input	Output	Load	Form Factor
SI2X100WAD1224BT2-3001	TUYA	96W Per Channel	12V or 24V DC	12V or 24V DC (~7.5kHz PWM)	Dual Channel 12V or 24V DC LED	C2
SI5X250WD1224BT5-3001	TUYA	96W Per Channel	12V or 24V DC	12V or 24V DC (~7.5kHz PWM)	5-Channel 12V or 24V DC LED	C5
SI5X250WD1224WZ5-3001	WIZ PRO	96W Per Channel	12V or 24V DC	12V or 24V DC (~7.5kHz PWM)	5-Channel 12V or 24V DC LED	C5

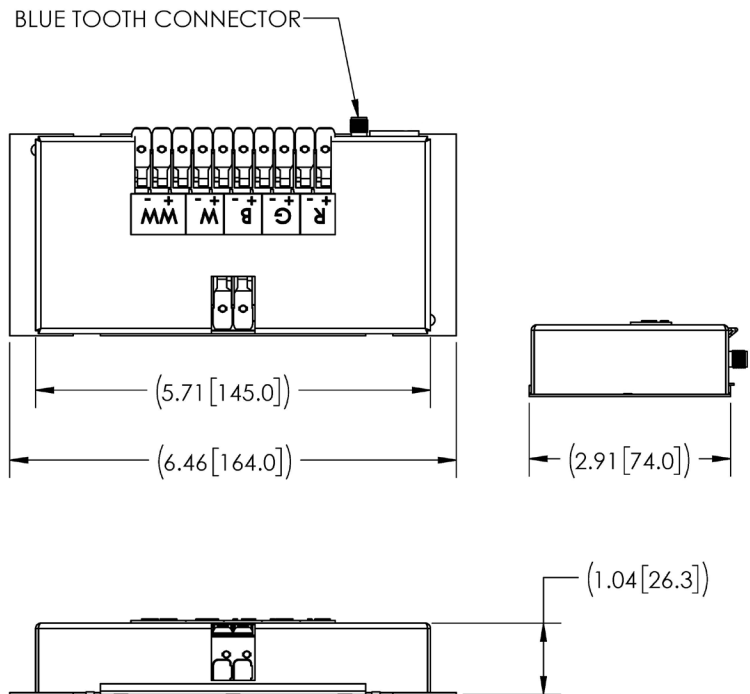
Mechanical Specifications

Form Factor	Dimensions
C2 (Dual-Channel)	119 x 40 x 24.5mm



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Form Factor	Dimensions
C5 (5-Channel)	145 x 74 x 26.3mm



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.