Wireless Mesh Module - Bluetooth / WiFi

12V or 24V DC Input / Output • 1-, 2-, or 5-Channel Control

SI1X100WAD1224BT1

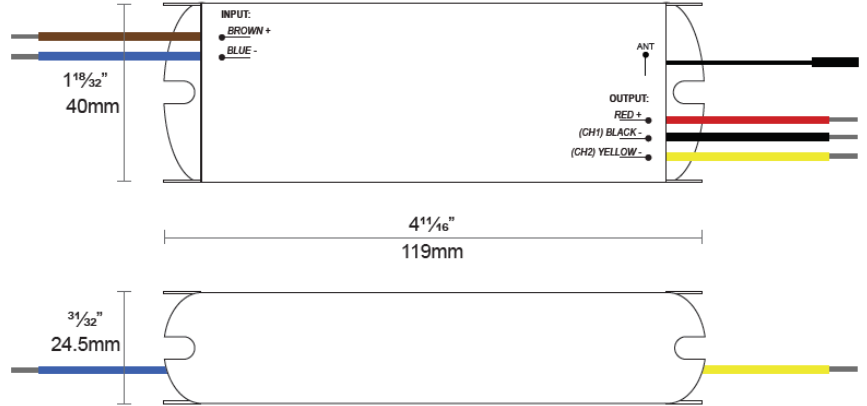| Input	12V, 24V DC
Output	12V, 24V DC
Max. Power	96W Per Channel
Wireless Standard	Bluetooth
Dimming	Wireless PWM (~7.5kHz)
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP44

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
- Single Channel for single CCT or Dim-to-Warm
- 2-Channel for CCT tuning
- 5-Channel for RGBW+WW
- Indoor and outdoor applications
- Residential and commercial
- New or retrofit installations

Electrical Specifications:

Model Number	Max. Wattage	Input	Output	Load	Form Factor
SI1X100WAD1224BT1	96W Per Channel	12V or 24V DC	12V or 24V DC (~7.5kHz PWM)	Single Channel 12V or 24V DC LED	C1
SI2X100WAD1224BT2				Dual Channel 12V or 24V DC LED	C2
SI5X100WAD1224BT5				5-Channel 12V or 24V DC LED	C5

Mechanical Specifications

Form Factor	Dimensions
C1 (Single-Channel)	119 x 40 x 24.5mm
C2 (Dual Channel)	

INPUT:
BROWN +
BLUE -
ANT
OUTPUT:
RED +
(CH1) BLACK -
(CH2) YELLOW -

1 18/32"
40mm

4 11/16"
119mm

31/32"
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)	114 x 114 x 35mm
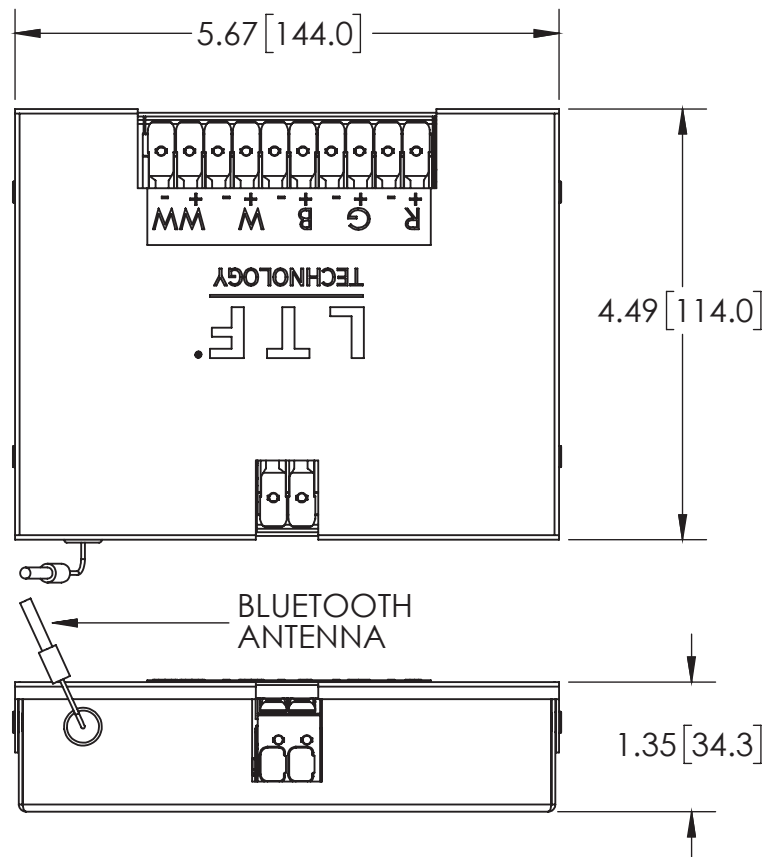
SI5X100WAD1224BT5

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.

5.67 [144.0]

WW W B G R

4.49 [114.0]

BLUETOOTH ANTENNA

1.35 [34.3]

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LiteStream Mobile App

Mobile App Features

- Google Home, Amazon Alexa, and IFTTT Compatible.
- Multi zone and group creation for combined lighting control.
- CCT tunable (CCT range depends on LED specifications).
- Smooth flicker-free dimming from 100% to 1%.
- Control all IoT / Smart Home connected devices.
- Device sharing. Connect up to 1000 devices.
- Cloud connected (with Bluetooth gateway), control from anywhere in the world with an internet connection
- ON/OFF, dim, CCT change, effects, send notification
- Scheduling / Automation: Trigger based on temperature, humidity, weather, sunset / sunrise, or specific time & day.

amazon alexa   Google Assistant

Download the Free Lite Stream Mobile App

for iOS from Apple App Store and for Android OS from Google Play Store

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