

# Low Voltage Scene Controller

## Simple Setup

Supports easy-to-change grouping, zones, scheduling, timers and scenes

## Software Configurable

4 button configurable scene control plus trim up/down and OFF

## Low Voltage

10-35VDC or 10-25VAC powered at 20mA

## Easy, Quick Networking with Wireless Scene Controllers

## Replaceable Button Faces

Replace button faces for custom created scenes or dimming levels

## Fits Standard Decora

Screwless cover plate provided and fits standard Decora wall box and multi gang trim plates

## PRODUCT OVERVIEW

Avi-on low voltage wall stations are available for new construction and retrofit needs. All controls interface to lighting fixtures and with the Avi-on App, providing a platform that supports easy-to-change grouping, scheduling, timers and scenes.

### Features

- Low Voltage 10-35VDC or 10-25VAC powered
- 4 buttons plus trim up/down and OFF
- Software configurable 4 Button Scene control and Dimming wall station configurations
- Continuously powered device helps form a full building wireless mesh network
- Replaceable button faces
- Fits standard Decora wall box and multi gang trim plates (only fits square mud rings not rounded or beveled)
- Screwless cover plate also provided

### Common Specifications

- Indoor use only (spray resistant cover plate available for food service applications)
- Operating Temp: -22 to 158 °F (-30 to 70 °C)
- UL Listed

## ORDERING INFORMATION

Part Number	Name	Description
AVI-B-2403LV-1	Scene Controller (Low Voltage)	Scene Controller Battery with 1-4 buttons

To order please contact Avi-on sales at **(877) AVION-US**, (877) 284-6687 or [prosales@avi-on.com](mailto:prosales@avi-on.com) for information on becoming an Avi-on partner and order details.

<b>Project</b>		<b>Location/Type</b>	
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# SPECIFICATIONS

## LV Version

Electrical	Min	Max	Unit
Input Voltage	10	35	VDC
Input Voltage	10	25	VAC
Input Frequency (VAC)	47	63	Hz
Amperage	-	20	mA
Operating Temperature	-22 (-30)	158 (70)	°F (°C)
Storage Temperature	-22 (-30)	158 (70)	°F (°C)

Power Wires	Green	Red	White	Black
16 gauge	GND	Load	Neutral	Line

## Case Dimensions (Excluding Wires)

Part	Length	Width	Height
Scene Controller	4.69" (119mm)	2.95" (75mm)	1.57" (40mm)

## Certifications

Regulatory	Description
USA	FCC ID: 2AFZI-AVIBG21 FCC Part 15, Subpart B (Class B) FCC Part 15.247
Canada	IC ID: 2AFZI-AVIBG21 ICES-003, Issue 7, Oct. 2020 RSS-GEN Issue 5, Feb. 2021 Amendment 2 RSS-247 Issue 2, Feb. 2017
BQB	DID: D063032 Qualified Design ID (QDID): 205509 178212 175341
UL	UL File E519564 UL 60730-1 ED. 5 XACN/XACN7 Touch Lighting Controls

# WIRING DIAGRAMS

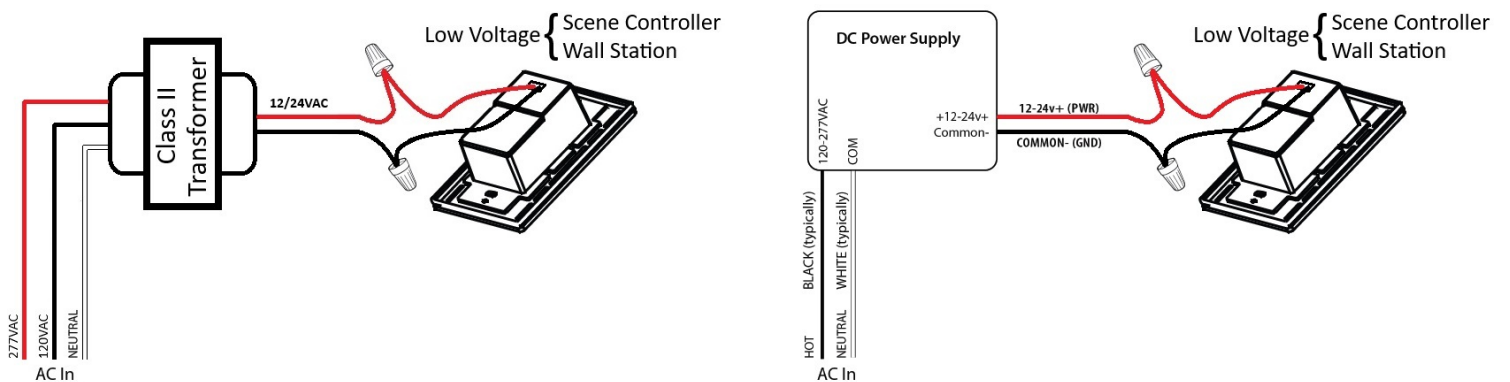
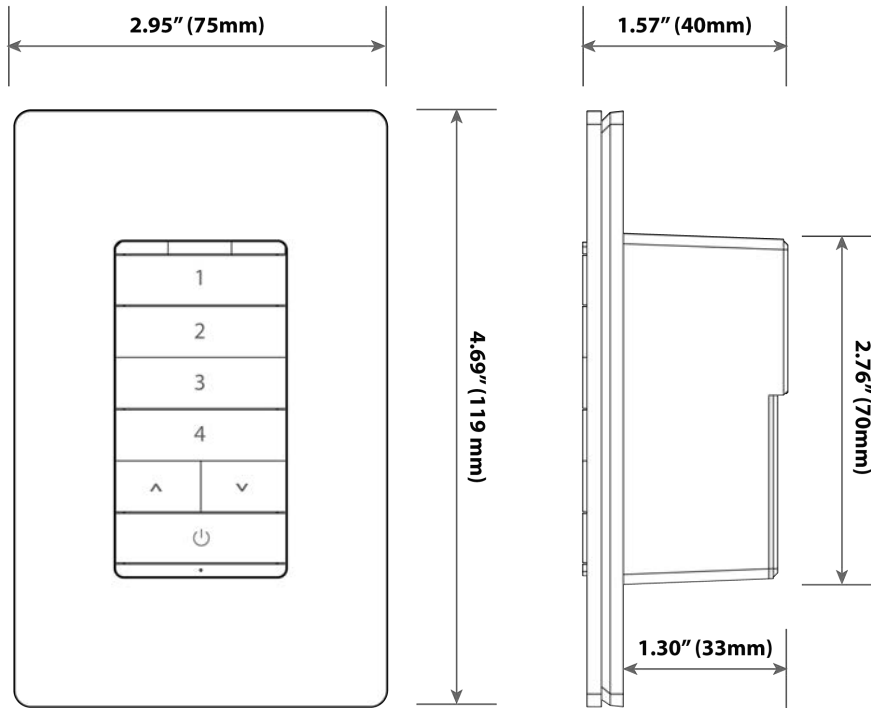


Figure 1. Wiring

# DIMENSIONS



**Figure 2. Scene Controller Dimensions**



**Figure 3. Back**

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