EnoLED

Specification Sheet

EnoSync Series

Smart LED Controller

TUNABLE WHITE | RGB W | RGB CW



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EnoSync Series
Smart LED Controller

Features

- Smart LED Controller
  Supports RGBW, RGB+CCT, CCT, RGB, and single-color LED strips.
- Tuya Smart Life App
  Full control of color, CCT, brightness, scenes, timers, and music-sync.
- RF Remote Option
  One remote can control multiple controllers, and each controller can pair with multiple remotes.
- Voice Control
  Compatible with Amazon Alexa, Google Assistant, Tmall Genie, and Xiaodu.
- 12/24V, up to 360W load.
- Optional Soft On/Off
  Selectable 3-second fade-in/fade-out.



Part Number: EnoSync-Hub5

Smart Life

Available on the App Store

GET IT ON Google Play

works with the Google Assistant

amazon alexa

Electrical Specifications

Specifications	Description
Input Voltage:	12-24VDC
Input Current:	15A
Output Voltage:	5 x (12-24)VDC
Output Current:	5CH,3A/CH
Output Power:	5 x (36-72)W
Output Type:	Constant voltage
Control Distance:	30m (Barrier-free space)
Dimming steps:	4096 Ultra smooth dimming
Dimming Range:	0 -100%
Dimming Curve:	Logarithmic
PWM Frequency:	1000Hz (default)

Compatible Remotes

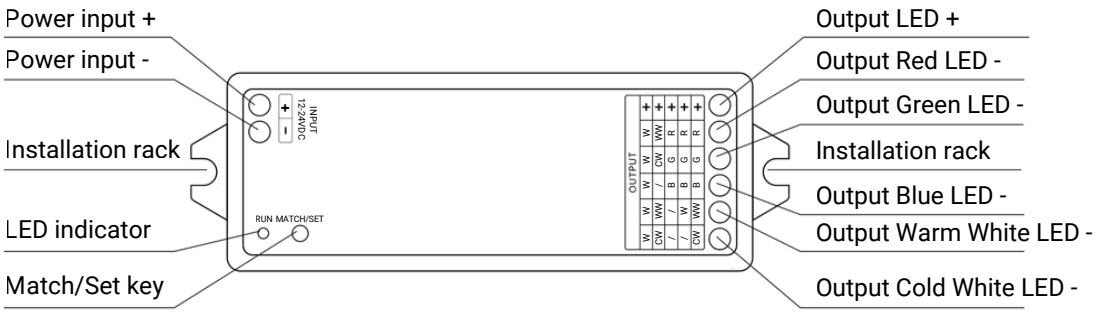
	Part Number	Description
	ES-RT-Z4-Dim	Dimming Touch Wheel RF Remote Controller
	ES-RT-Z4-TW	CCT Touch Wheel RF Remote Controller
	ES-RT-Z4-RGBW	RGBW Touch Wheel RF Remote Controller
	ES-RT-Z4-RGBCCT	RGB+CCT Touch Wheel RF Remote Controller

Compatible Touch Panel Dimmers

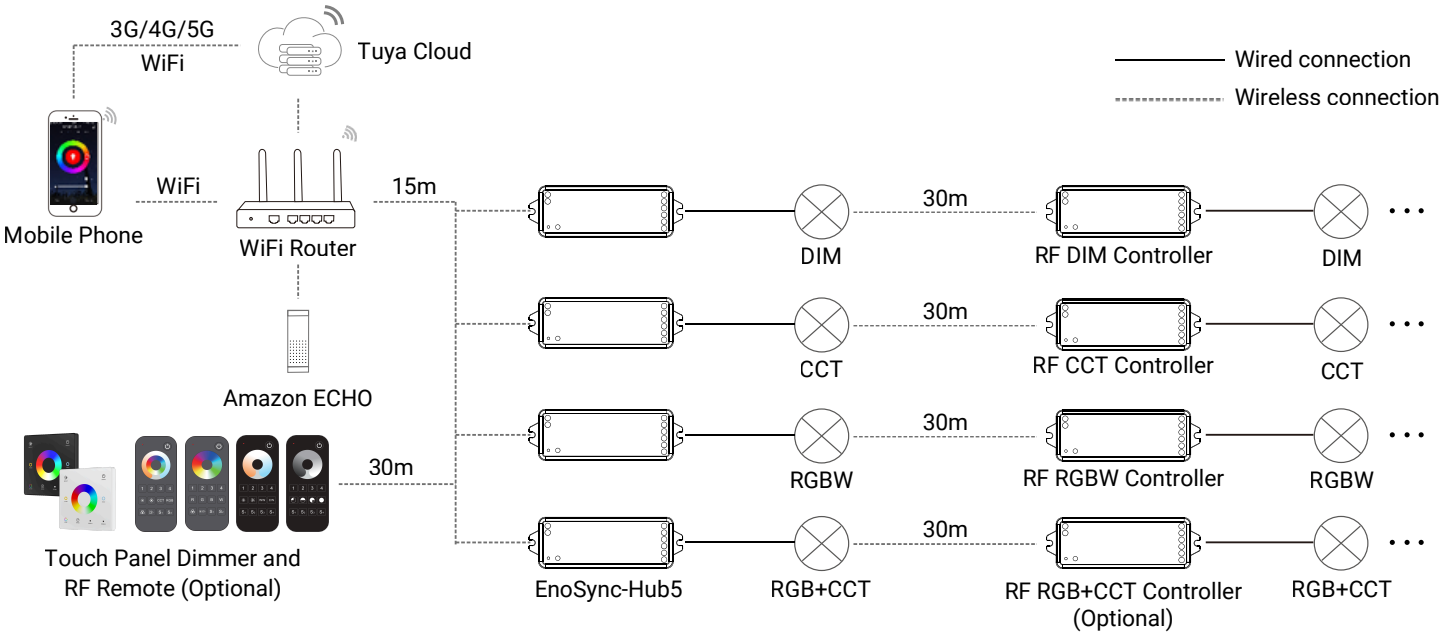
	Part Number	Description
	ES-WS-Z1-RGBCCT-B	Black Finish, RGB+CCT Touch Wall Panel RF Controller
	ES-WS-Z1-RGBCCT-W	White Finish, RGB+CCT Touch Wall Panel RF Controller

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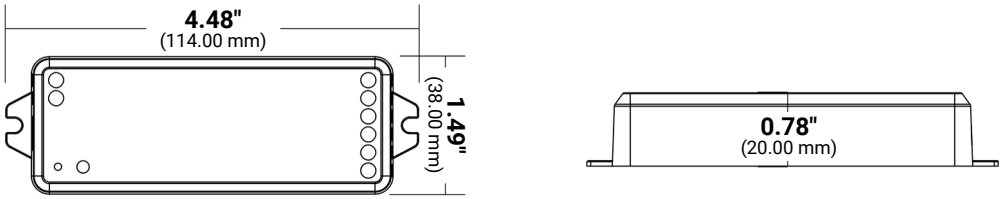
User Interface



System Wiring



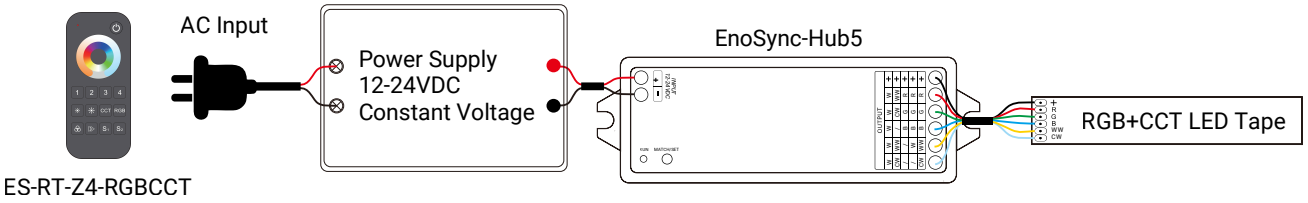
Mechanical Specifications



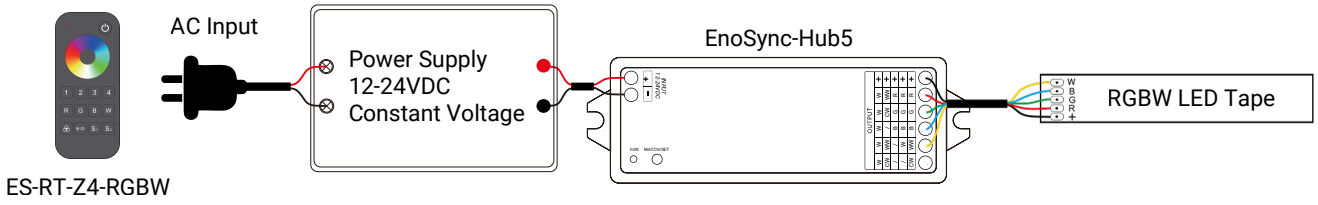
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Wiring Diagrams

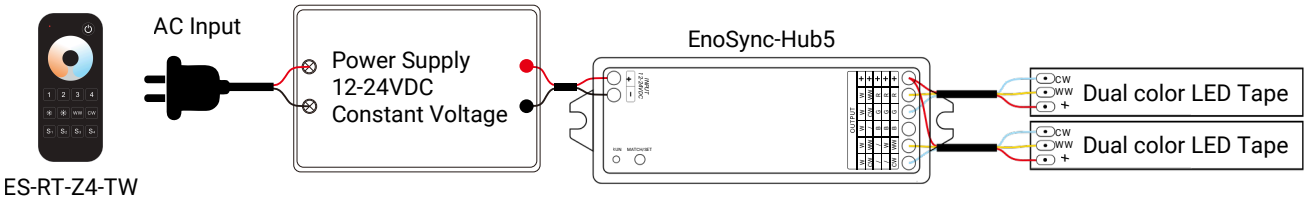
For RGB+CCT



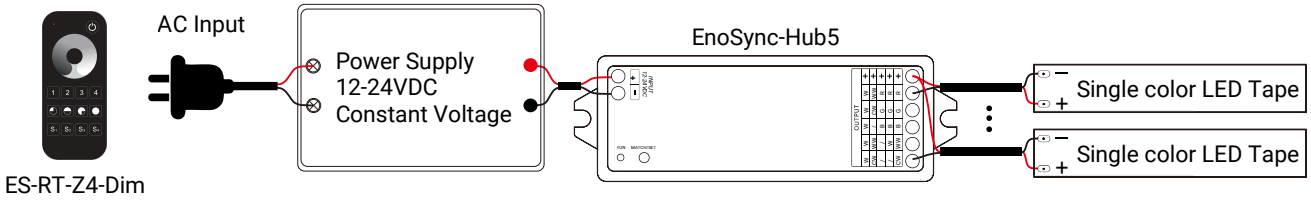
For RGBW



For CCT



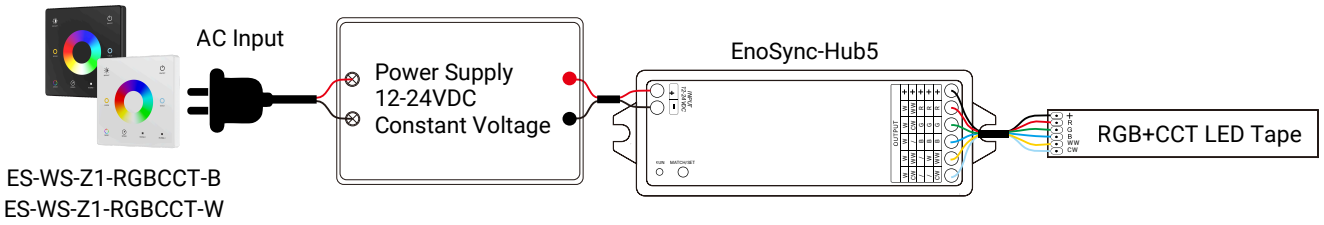
For Single Color



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Wiring Diagrams

For RGB+CCT Touch Panel Dimmers



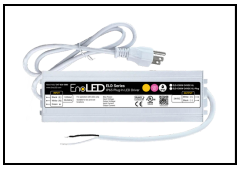
ES-WS-Z1-RGBCCT-B
ES-WS-Z1-RGBCCT-W



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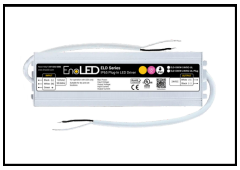
Recommended LED Drivers

ELD - IP65 Non-Dim Series - Plug-in Version



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
ELD-100W-24VDC-UL-PLUG	120VAC	24VDC	100W	Yes	IP65	8" x 2.4" x 0.78"
ELD-200W-24VDC-UL-PLUG	120VAC	24VDC	200W	Yes	IP65	9.3" x 2.48" x 1.25"
ELD-300W-24VDC-UL-PLUG	120VAC	24VDC	300W	Yes	IP65	8.97" x 2.83" x 1.25"

ELD - IP65 Non-Dim Series - Direct Wire Version



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
ELD-100W-24VDC-UL	120VAC	24VDC	100W	Yes	IP65	8" x 2.4" x 0.78"
ELD-200W-24VDC-UL	120VAC	24VDC	200W	Yes	IP65	9.3" x 2.48" x 1.25"
ELD-300W-24VDC-UL	120VAC	24VDC	300W	Yes	IP65	8.97" x 2.83" x 1.25"

ProDrive **Series - Low Profile 5-in-1 Dimmable Series**



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
ProDrive-40W-24DC	120-277VAC	24VDC	40W	Yes	IP21	6.29" x 2.28" x 0.78"
ProDrive-60W-24DC	120-277VAC	24VDC	60W	Yes	IP21	7.28" x 2.5" x 0.86"
ProDrive-96W-24DC	120-277VAC	24VDC	96W	Yes	IP21	7.28" x 2.5" x 0.86"

JPro Series - 5-in-1 Dimmable J-Box LED Driver



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
JPro-96W-24VDC	120-277VAC	24VDC	96W	Yes	IP65	8.91" x 4.62" x 1.67"
JPro-200W-24VDC	120-277VAC	24VDC	200W	No	IP65	10" x 5.19" x 1.67"
JPro-300W-24VDC	120-277VAC	24VDC	300W	No	IP65	11.37" x 5.19" x 1.92"

Ver. 102926