

TECHNICAL DATA SHEET

302i Controller

Outdoorlink® cellular power controllers are designed to remotely manage and control powered assets from one centralized platform. The 302i controller remotely monitors, reboots, and schedules up to four AC devices through its cloud-based management system. The 302i is designed for international use.

The 302i is ideal for managing multiple devices at one location, such as billboard illumination, area lighting, field lighting, large digital displays, and various other electronic devices. Flexible integration is available through an open Application Programming Interface (API).

Technical support is available 24/7 via the US-based support team.



Specifications

Relay Outputs	1-4
Enclosure	Polycarbonate, 10.5 x 10.7 x 3.4 in. (L x W x D)
Voltage Rating	240Vac 50-60hz
Current Rating	10A per relay
Power Consumption	3.75W
Connectivity	Cellular LTE with internal SIM and integrated antenna
Wiring	3 ft. wiring harness with 10 AWG supply and 12 AWG load wires
Certification	IEC/EN 61010 CB Scheme
Manufacturing Origin	Made in USA

Operating Conditions

Temperature	-40°C to 70°C
Environment	UL50, Water and Dust Proof, 0-95% Humidity, Non-condensing, RoHS

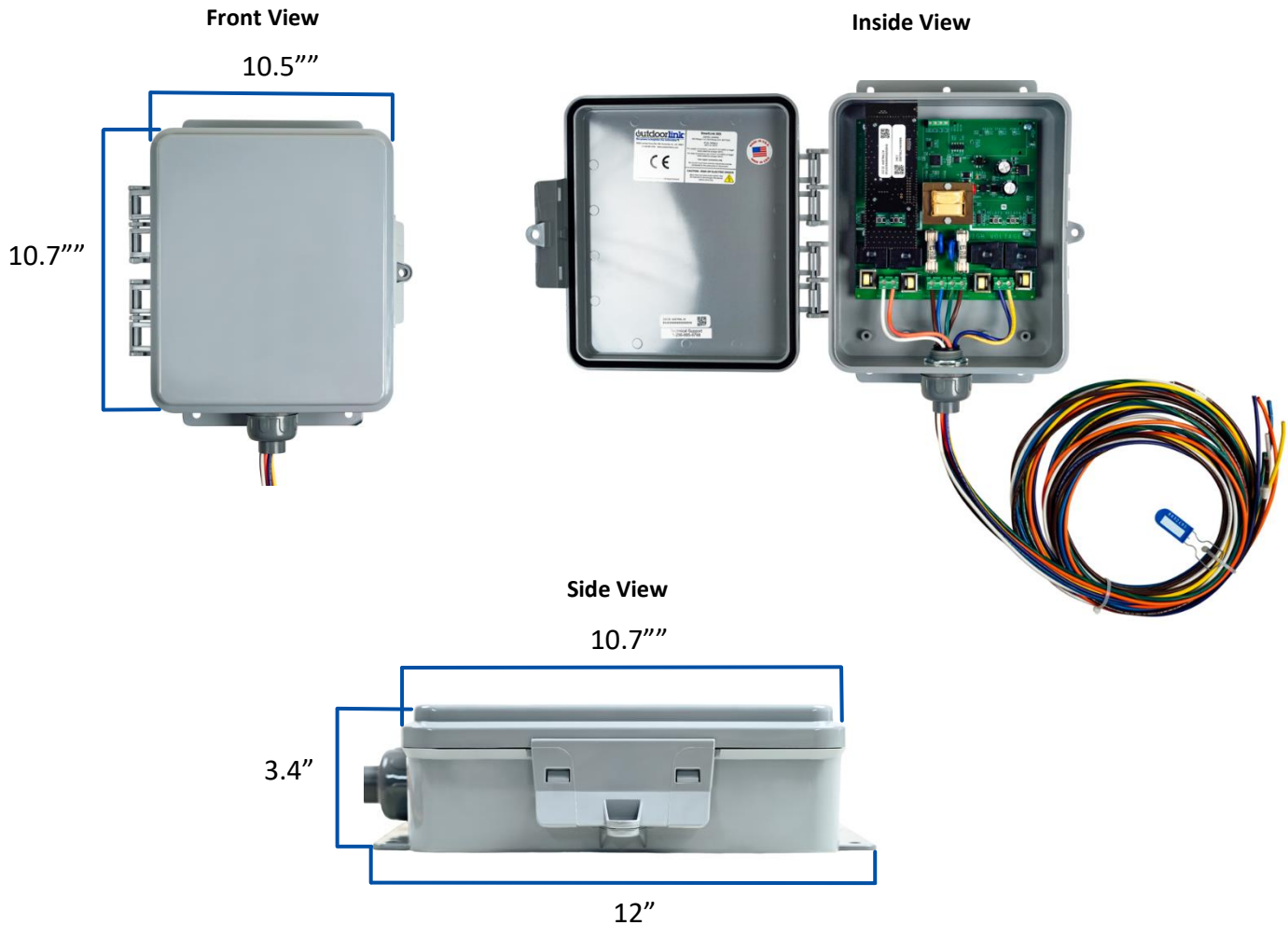
Performance

Device Management	Manages up to 4 AC devices
Management Software	Outdoorlink Portal – a cloud-based desktop and mobile application
Features	Open API, Mapping, Rebooting, Scheduling, Alarms, Power Readings, Proof of Performance, Maintenance Log, Intrusion Detection
Alarms	Loss of Power, Power Restore, Tamper, Bulb Outage, No Current/Power
Manual Interface	Push button per relay
Schedule Options	Automatic, location-based sunrise/sunset times, and/or manual time scheduling with integrated real-time clock
Reporting	Power Readings, Proof of Performance, Command Log, Alarm History, Maintenance Log

HARDWARE SPECIFICATIONS

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Outdoorlink® controllers are UL-listed and IP-rated for damp, outdoor conditions. The 302i polycarbonate enclosure is engineered for installation onto existing infrastructure in the elements or integration into third-party housing, such as utility boxes, shelters, or totems. The enclosure can be locked and has a tamper detection system, which sends an alarm to the Portal management application each time the enclosure is opened.



302i External Dimensions	
Height	3.4 in.
Width	10.7 in.
Length	10.5 in.