

# TECHNICAL DATA SHEET

## Outdoorlink® SL-2-DC Controller

Outdoorlink® cellular power controllers are designed to remotely manage and control powered assets from one centralized platform. The SL-2-DC controller remotely monitors, reboots, and schedules up to two DC devices through its cloud-based management system.

The controller is ideal for managing multiple devices at one location. Recommended uses include lighting, solar lighting, digital displays, media players, routers, 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        | 1-2  |
| Enclosure            | Polycarbonate, 5.82 x 3.30 x 0.65 in. (L x W x D)                            |
| Voltage Rating       | Two independent inputs, 8-36V  |
| Current Rating       | Two independent outputs @ 6A / 100VA   |
| Hardware Interfaces  | Micro USB, RJ45 Serial, Terminal Block, Antenna Coax                         |
| Power Consumption    | 0.4W   |
| Connectivity         | Cellular LTE with internal SIM and selectable internal and external antenna  |
| Certification        | FCC, PTCRB Certified, AT&T and Verizon Certified, Buy America Compliant, RCM |
| Manufacturing Origin | Made in USA  |

### Operating Conditions

|             |                                      |
|-------------|--------------------------------------|
| Temperature | -20°C to 70°C                        |
| Environment | 0-95% humidity, non-condensing, RoHS |

### Performance

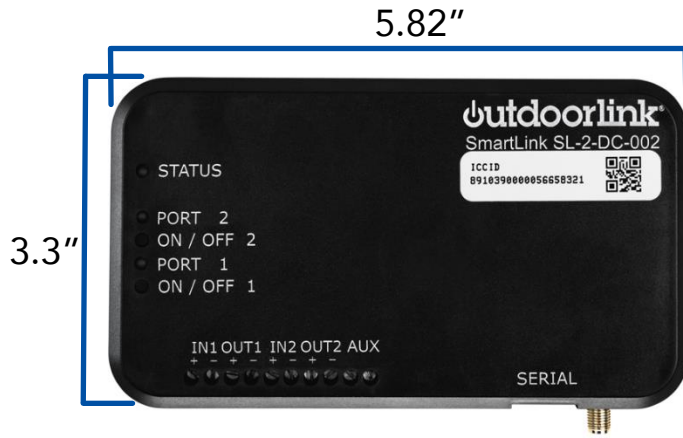
|                     |  |
|---------------------|--|
| Device Management   | Manages up to 2 DC devices   |
| Management Software | Outdoorlink Portal – a cloud-based desktop and mobile application  |
| Features            | Open API, Mapping, Rebooting, Scheduling, Alarms, Power Readings, Proof of Performance, Maintenance Log, Voltage Threshold Triggers, Dimming |
| Add-Ons             | Temperature Monitoring   |
| Alarms              | Loss of Power, Low Power, Power Restore, No Power, Offline, Low Voltage, High Voltage  |
| Manual Interface    | Push Button Per Relay, Antenna Mode Toggle   |
| Schedule Options    | Sunset to Sunrise, Specific Times, Day of Week   |
| Reporting           | Power Readings, Proof of Performance, Command Log, Alarm History, Maintenance Log  |

# HARDWARE SPECIFICATION

## Outdoorlink® SL-2-DC Controller

The Outdoorlink SL-2-DC controller is designed for installation onto existing infrastructure or integration into third-party housing, such as utility boxes, shelters, or totems. The small form factor allows the controller to fit into smaller spaces for increased installation options. Multiple interfaces are available for device management.

**Top View**



**Front View**



**Side View**



### Controller Interface

| Marking    | Description   |
|------------|---|
| STATUS     | Cellular connectivity status                              |
| PORT 1     | Confirmation that power is passing through to port 1      |
| ON / OFF 1 | Manual push button to turn port 1 on or off               |
| PORT 2     | Confirmation that power is passing through to port 2      |
| ON / OFF 2 | Manual push button to turn port 2 on or off               |
| IN1        | DC power IN to Port / Device 1                            |
| OUT1       | DC power OUT to Port / Device 1                           |
| IN2        | DC power IN to Port / Device 2                            |
| OUT2       | DC power OUT to Port / Device 2                           |
| AUX        | Auxiliary device connection (i.e. battery thermistor)     |
| NONE       | USB 2.0 Micro B USB connection for troubleshooting device |
| SERIAL     | RJ45 No function. Intended for future applications        |
| NONE       | External antenna connection (SMA/F)                       |

### External Dimensions

|        |          |
|--------|----------|
| Height | 0.65 in. |
| Width  | 3.30 in. |
| Length | 5.82 in. |