TECHNICAL DATA SHEET

Outdoorlink® Vantage Controller

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

The controller is ideal for managing multiple devices at one location. Recommended uses include digital displays, media players, routers, lighting, solar lighting, 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.

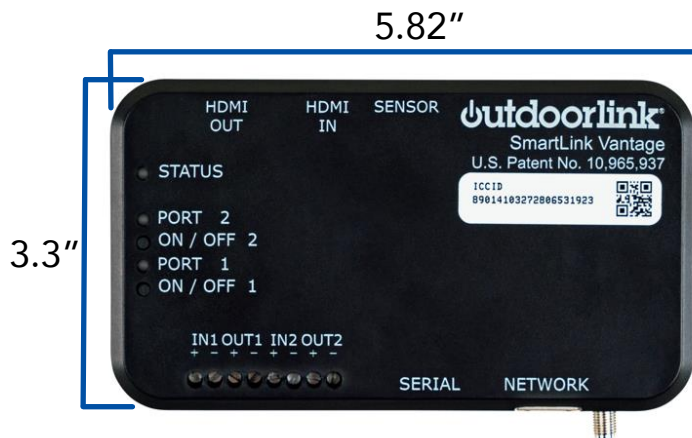| Specifications	
Relay Outputs	1-2
Enclosure	Polycarbonate, 5.82 x 3.30 x 0.65 inches (L x W x D)
Voltage Rating	Two independent inputs, 8-30V
Current Rating	Two independent outputs @ 5A / 100VA
Hardware Interfaces	HDMI Input, HDMI Output, Micro USB, GigE Ethernet, Terminal Block, Sensor Port
Power Consumption	2W
Connectivity	Dual Mode Cellular LTE and GigE Ethernet with internal SIM and selectable internal and external antenna
Certifications	UL, FCC, PTCRB Certified, AT&T and Verizon Certified, Buy America Compliant, Patented
Manufacturing Origin	Made in USA
Operating Conditions	
Temperature	0°C to 65°C
Environment	0-95% humidity, non-condensing, RoHS
Performance	
Device Management	Manages up to 2 DC devices, and 1 video device
Management Software	Outdoorlink Portal – a cloud-based desktop and mobile application
Features	Open API, Mapping, Rebooting, Scheduling, Alarms, Power Readings, Proof of Performance, Screen Capture
Add-Ons	Sensor Hub, Intrusion Sensor, Temp/Humidity Sensor
Alarms	Loss of Power, No Power, No Display Detected, No Video Input, No Content on Screen, Stuck Video, No Sensor
Manual Interface	Push button per relay, Antenna Mode Toggle, Sensor Calibration
Schedule Options	Sunset to Sunrise, Specific Times, Day of Week

HARDWARE SPECIFICATION
Outdoorlink® Vantage Controller

The Outdoorlink Vantage 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

5.82"

3.3"

Front View

.65"

Rear View

Controller Interface	
Marking	Description
HDMI OUT	HDMI Output to video display
HDMI-IN	HDMI Output from media player
SENSOR	USB 2.0 Micro B USB connection for display sensor
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)
SERIAL	USB 2.0 Micro B USB connection for troubleshooting device
NETWORK	RJ45 serial port for network connection
NONE	External antenna connection (SMA/F)

External Dimensions	
Height	0.65 in.
Width	3.30 in.
Length	5.82 in.