

powerLINK -US

Smart Control for Any Outlet

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Specifications

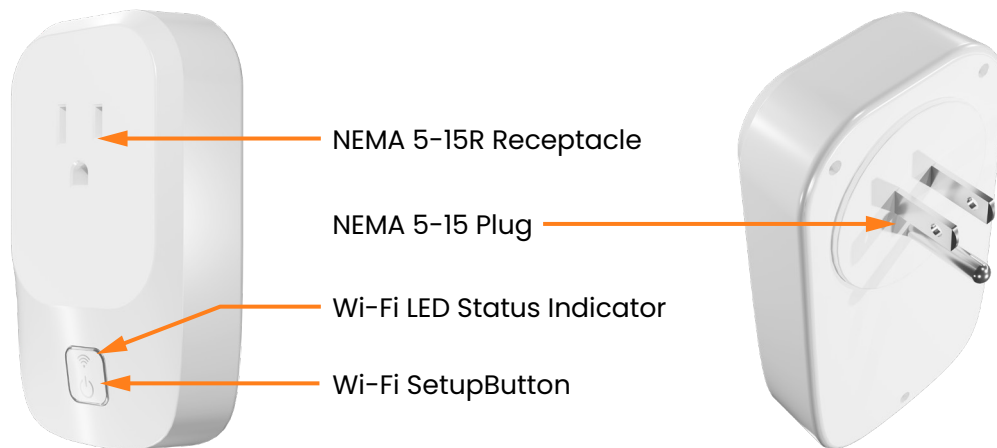
Input Power	100-240VAC, 50/60Hz
Max Current	15A
Receptacle Type	NEMA 5-15R
Independent Relay	1x
Status Indicators	LED
Wi-Fi	2.4 GHz
Dimensions	2.4"W x 4.1"H x 1.4"D (61mm x 104mm x 35.5mm)



KEEP THESE INSTRUCTIONS

Overview

The powerLINK provides independent control for a single 100–240 VAC, 50/60 Hz, 15-amp device or outlet, connecting to your Growlink system over 2.4 GHz Wi-Fi. It supports manual operation, scheduled control, and sensor-triggered automation, ensuring reliable and precise management of your grow equipment.



External Features:

Power Input: NEMA 5-15R receptacle

NEMA 5-15 Plug: 100–240VAC, 50/60Hz grounded power plug

Wi-Fi LED Status Indicator: Indicates Wi-Fi connection status.

Wi-Fi Setup Button: Wakes device and activates Wi-Fi status LED.

Warnings and Notices

This is a precision electronic instrument that requires careful handling and maintenance to ensure reliability. Failure to read, understand, and comply with warnings and installation requirements may result in property damage, personal injury, or death.

WARNING

READ & UNDERSTAND THE ENTIRE MANUAL BEFORE INSTALLATION OR OPERATION.

Danger: Electrocution Hazard

Disconnect power before performing maintenance or service on the system or its components to prevent equipment damage or electrical shock. Ensure proper grounding at the marked chassis ground terminal for continued protection against electric shock. All electrical equipment and wiring must be installed in compliance with national and local electrical codes. This product is for indoor use only in dry locations (0–95% RH, non-condensing). Use caution when servicing plumbing and drain the system away from electrical components and connections. Connect the system and components to GFCI fault-protected energy sources to reduce the risk of electric shock. Replace serviceable parts only with manufacturer-recommended components.

IMPORTANT SAFETY INFORMATION

This Product Is Not Intended for Life Safety Applications

Do not install in hazardous locations. Do not rely on this equipment as the sole control mechanism for life safety applications.

Installation Requirements

Follow all applicable plumbing and electrical codes when installing this product. This manual is intended for individuals with adequate electrical and mechanical experience who comply with federal, state, and local laws governing the installation, service, and repair of electrical, HVAC, and related equipment. Incorrect installation, service, or repair may result in personal injury and/or property damage. The manufacturer and seller assume no liability for misinterpretation or improper use of the information provided.

Indoor Use Only

This product is designed for indoor mounting only and must be protected from weather and direct sunlight.

Prevent Overheating

Maintain adequate airflow around the system to prevent overheating of system components.

Network Security

This product is a network-connected device and must be installed in a location inaccessible to unauthorized individuals. Failure to do so may result in unauthorized tampering with the device, its configuration, or network connectivity, potentially disrupting network operation or system performance.

California Proposition 65 Warning

This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wear skin and eye protection when handling hazardous chemicals.

Installation Instructions

1. Insert the NEMA 5-15 plug located on the back of the powerLINK into the corresponding NEMA 5-15R receptacle that you would like to source power from.
2. Verify the device being controlled will not exceed the voltage and amperage limits of the powerLINK (No more than 15A at 100-240VAC, 50/60Hz).
3. Insert the plug from the device that will be controlled into the powerLINK NEMA 5-15R receptacle, located on the front of the powerLINK above the LED.

Device Registration

All LINKS devices require an internet connection and registration through the Growlink App.

Note: Some LINKS devices can be standalone or require additional modules.

Wi-Fi Connection Method

The powerLINK requires a 100-240VAC, 50/60Hz power source from a 15A branch protected circuit. During device registration, a strong signal and a password-protected connection is required.



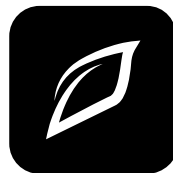
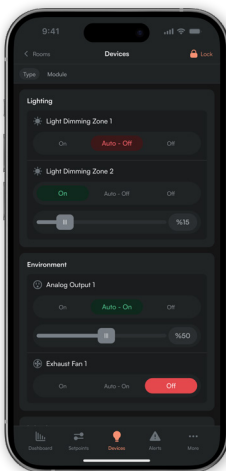
Connection to the Growlink App

The Growlink Mobile App provides remote access to your grow operation, allowing real-time monitoring, system adjustments, and automation of climate, lighting, and irrigation. The app features advanced analytics, push notifications for alerts, and an intuitive interface for efficient management.

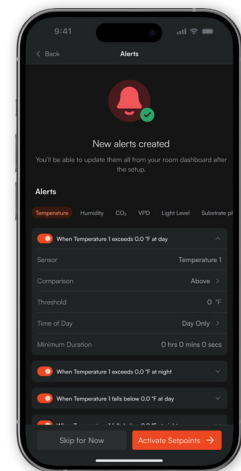
The Growlink Mobile App enables remote control over your LINKS devices for:

- Firmware Updates
- Manual Device Operation
- Creating Automation Rules
- Viewing Data
- Sending Alerts
- Various Other Features

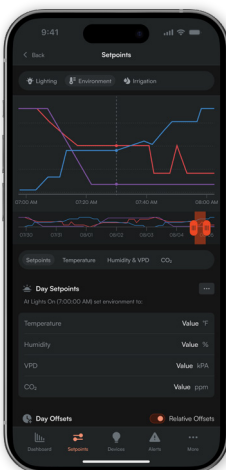
Devices



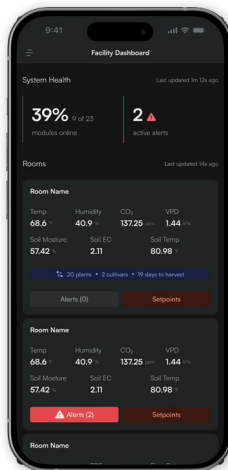
Alerts



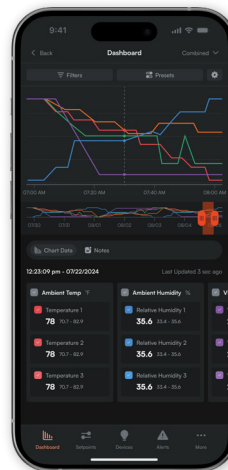
Charts & Graphs



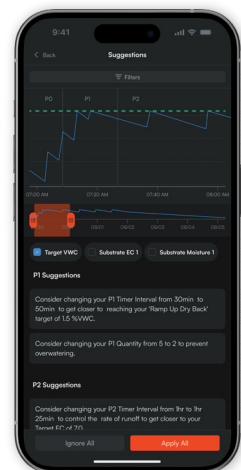
Setpoints



Facility Dashboard



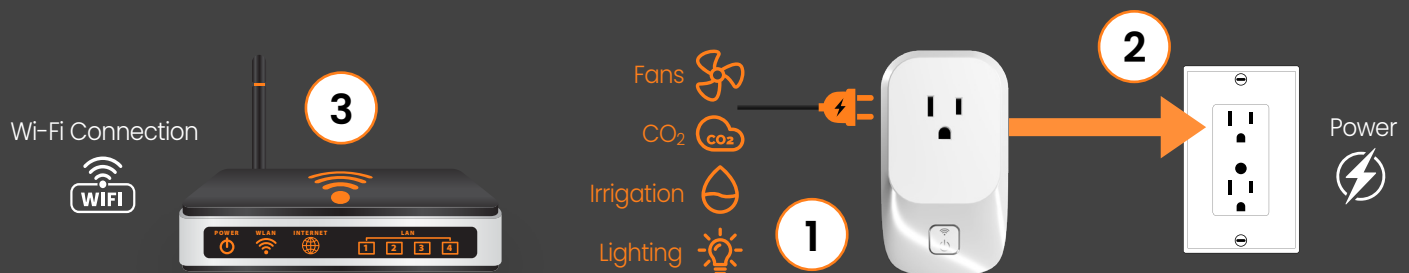
Dashboard



Suggestions

Device Connections

Begin by connecting the powerLINK to a standard 100–240VAC, 50/60Hz power source (see Installation Instructions). Plug your device that you'd like to control – such as fan, CO₂ system, irrigation pump, or lights – into the NEMA 5–15R output port on the front of the powerLINK. This port supports 15A maximum. Make sure all connected devices are within the rated capacity.



- 1. powerLINK Output:** Plug in devices. Outlet conversion adapters may be used provided the voltage and amperage limits of the powerLINK are not exceeded.
- 2. powerLINK Power:** 100–240VAC, 50/60Hz power is required to operate the powerLINK. Ensure the outlet is properly grounded and not overloaded.
- 3. Wi-Fi Connection:** Connect the powerLINK to the local network. (utilize 2.4GHz Wi-Fi)

Safety Note: Always power off the powerLINK before connecting or disconnecting devices. Ensure all connections are secure and dry before powering on.

Device Operation

- User pressing the button causes status lights to illuminate as follows:
 - Wi-Fi status light activates showing current state, shuts off after 10 seconds if connected (breathing green), or stays on if disconnected (flashing green).
 - Device status light activates if device is ON (green) and turns off after 10 seconds.
- Wi-Fi status light illuminates anytime Wi-Fi is (flashing green).

Technical Information

Troubleshooting

Wi-Fi LED Status Indicators



Standard Startup Flow

- Firmware Startup
Solid white
- Wi-Fi Connecting
Slow flashing green
- Network Waiting on IP Address
Fast flashing green
- Network Connected, Connecting to Cloud
Fast flashing cyan
- Loading Configuration and Detecting Probes
Fast breathing green
- Connected to Cloud and Running
Slow breathing green

Other Modes

- Wi-Fi Configuration Mode
Slow flashing blue
- Safe Mode
Slow breathing magenta
- Safe Mode Requested
Fast flashing magenta
- Firmware Updating
Slow flashing magenta
- Module Mode
Breathing cyan
- Wi-Fi Error
Flashing yellow

Support

If your device requires troubleshooting beyond what is outlined in this manual, please contact our customer support team at 800.432.0160 or at support@growlink.com for assistance with any hardware issues.

You can also visit our knowledge base for additional support and resources.

<https://knowledgebase.growlink.ag>

Maintenance & Service

Exterior Cleaning

Wipe the exterior with a damp cloth and mild dish detergent, then dry thoroughly. **Disconnect power before cleaning** to prevent equipment damage.

Storage

Store equipment in a **clean, dry environment** with an ambient temperature between 14-122°F (-10-50°C).

Disposal

This industrial control equipment may contain traces of lead, metals, or other environmental contaminants. **Do not discard as municipal waste.** Dispose of the equipment through proper recycling or hazardous waste collection channels. **Wash hands after handling internal components or PCBs.**

Warranty

Growlink Limited Warranty

Growlink warrants that all its manufactured products are, to the best of its knowledge, free from defects in materials and workmanship. This product is warranted for one (1) year from the date of purchase. This warranty is extended to the original purchaser from the date of receipt.

This warranty does not cover damages resulting from abuse, accidental breakage, or modifications, alterations, or installations that do not comply with the provided installation instructions. The warranty applies only to products that have been properly stored, installed, and maintained in accordance with the installation and operation manual and used for their intended purpose.

This limited warranty does not cover products installed or operated under unusual conditions or environments, including but not limited to excessive humidity or extreme temperatures beyond specified limits.

Prior to returning a product, Growlink must be contacted to obtain a return authorization. Returns will not be accepted without prior authorization. For products not purchased directly from Growlink, proof of purchase is required; otherwise, the purchase date will be considered the date of manufacture.

Products that meet the warranty conditions outlined above will be repaired or replaced at Growlink's sole discretion at no charge. This warranty is provided in place of all other warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose, and is limited to the specified warranty period.

Under no circumstances shall Growlink be liable to the claimant or any third party for damages exceeding the purchase price of the product. Growlink is not responsible for any loss of use, inconvenience, commercial loss, lost time, lost profits, lost savings, or any other incidental, consequential, or special damages arising from the use or inability to use the product. This disclaimer is made to the fullest extent permitted by law and explicitly states that Growlink's liability under this limited warranty, or any extension thereof, is limited to repairing or replacing the product or refunding the purchase price.