

# Specification Sheet: rNET Low-Voltage Power Distribution Gateway

## Cost-Effective and Secure Control

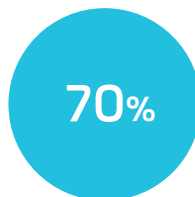
Revolution Lighting's rNET Power Distribution Gateways (rPDGs) represent a compelling new level of integration for the lighting controls market. They work with any light fixture by supporting all legacy and future standards of dimming in a manner that is 100% transparent to the user. One dimming wall station input can control numerous fixtures, circuits or inputs to a BMS system regardless of their proximity (indoor/outdoor). The rPDGs offer a Wi-Fi hotspot or Cat5 Ethernet connections for simple setup, use, and commissioning. They can also be networked together and remotely accessed to provide a data-rich IoT platform to manage single rooms all the way up to enterprise-campus level systems.

Fully compliant with all existing lighting codes, the architecture of the rPDG guarantees to be forward compatible with any future versions simply through a software update. The platform also unleashes compelling new feature capabilities such as color tunable white and RGB fixtures with independent control of brightness and color.

### APPLICATIONS

- Offices
- Hallways
- Classrooms
- Restrooms
- Locker Rooms
- Conference Rooms
- Warehouses
- Lecture Halls
- Gymnasiums
- Utility Rooms
- Data Centers
- Kitchen Areas

### CAN DECREASE ENERGY USAGE BY



vs. Uncontrolled Lighting

### WARRANTY



Our Industry-Leading 5-Year Limited Warranty Guarantees Unsurpassed Quality

### PRODUCT BENEFITS

- Up to 70+% additional energy savings attainable on existing energy consumption
- Wired low voltage and wireless high voltage dimming
- Can support 8 different daylight zones with up to 4 daylight sensors
- 0-10V input can control any fixture or group of fixtures
- PLC (Power Load Control) provides 4 built in power packs for OCC/VAC sensors, Plug load, BMS or shade control
- Remotely accessible option. Data Analytics & configurability.
- Power measurement (<2%) on each output.
- Independent daylight and manual trim options
- RGB, RGBW, RGBWWCW support
- CCT color tunable fixture support with daylight control



### ORDER LOGIC (Ex. rNET-PDG-LV)

Product Description	Voltage
rNET-PDG = Revolution Network Controls Power Distribution Gateway	LV=Low Voltage Outputs (12/24V)

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## WIRING DIAGRAMS

