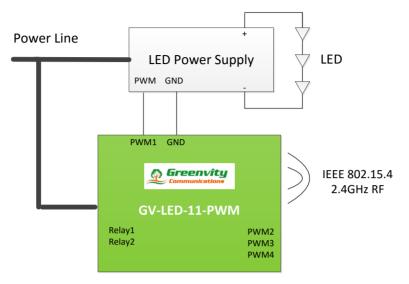


GV-LED-11-PWM

Greenvity's GV-LED-11 is a module featuring the GV7011 Wideband Powerline and 2.4GHz IEEE802.15.4 wireless SoC and PWM and relay outputs.



GV-LED-11-PWM Block Diagram

PRODUCT DESCRIPTION

The GV-LED-11-PWM is a powerline and 2.4 GHz IEEE802.15.4 wireless communications module powered by Greenvity's GV7011 Hybrii-XL SoC. The GV-LED-11-PWM delivers half-duplex, asynchronous data communication over (50/60 Hz) AC and DC power lines, wireless communications and features multi-channel, multi-light PWM and relay on/off control. The GV-LED-11-PWM is part of Greenvity's family of products meant to operate with the GV-Controller-S and is aimed at smart LED applications.



70 x 50 mm²

GV-LED-11-PWM FEATURES

- 1. On-board GV7011 Wideband Powerline and IEEE802.15.4 wireless SoC
- 2. Hybrid Mesh which bridges powerline and wireless communications for reliable long range communications
- LED control: On/Off, dimming, color toning and color temperature control
- Compatible with major manufacture power supplies and LED drivers
- 5. Functions with street lights, T5 and T8 LED tubes, downlights, high bay lights
- 6. Functions on up to 277 VAC and 50/60 Hz AC and DC powerline's
- Multi-channel/multi-light control that supports up to 6 lights with 4 PWM outputs for dimming and color toning and 2 relay outputs for on/off control
- 8. Utilizes a single low cost 24 MHz crystal
- AC to DC module eliminates need for a separate power supply
- 10. Industrial temperature range from -40 to +85°C



TARGET APPLICATIONS

- LED Lighting Control for commercial buildings, streets, parking lots and factories
- Controlled LED lighting, signage and display
- Home/Building Energy Management System

ORDERING CODE

Ordering Code	Description
GV-LED-11-PWM	PLC + ZigBee Wireless with 6 PWM and 2 relay outputs
GV-Controller	Universal IoT Hub
GV-Sensor	All-in-One Sensor module
GV7011	Hybrii-XL chip Powerline and IEEE802.15.4 wireless SoC



Smart LED Lighting Control with Sensor Network

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