Smart LED Development Kit (GV-LED-DP)

Greenvity’s GV-LED-DP is a smart LED development kit featuring the GV-Controller-S and 2 GV-LED-11 modules, mobile apps and cloud.

**PRODUCT DESCRIPTION**

The GV-LED-DP is a smart LED development kit designed to illustrate LED control through wireless and powerline communications. For convenience and to speed development, Greenvity has developed a complete development kit which consist of a Universal IoT Hub (GV-Controller-S), LED modules (GV-LED-11) which are available in multiple configurations, mobile apps, cloud, and software API’s.

**GV-LED-11 modules (Qty: 2)**

1. Smart LED controller
2. On-board GV7011 powerline and 802.15.4 wireless SoC
3. Connects to LED drivers and lights

**GV-LED-DP FEATURES**

- **GV-Controller-S**
  1. Smart hub/light controller connected to a router or access point through a Wi-Fi or through Ethernet
  2. Features multi communications and multi-standard
  3. On-board GV7011 powerline and 802.15.4 wireless SoC
  4. Embedded ARM9 MCU with Linux OS
  5. Wi-Fi module
  6. Ethernet 10/100 communications
  7. Supports 1000 IoT devices

- **Android and iOS mobile apps**
- **Cloud**
- **Documentation, manual, API and app notes**
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

<table>
<thead>
<tr>
<th>Ordering Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GV-LED-DP</td>
<td>Smart LED development kit</td>
</tr>
<tr>
<td>GV-LED-11-PWM</td>
<td>PLC + ZigBee Wireless with 4 PWM and 2 relay outputs</td>
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<tr>
<td>GV-LED-11-10v</td>
<td>PLC + ZigBee Wireless with 4 0 to 10v and 2 relay outputs</td>
</tr>
<tr>
<td>GV-LED-11-6R</td>
<td>PLC + ZigBee Wireless with 6 relay outputs</td>
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<tr>
<td>GV-Controller</td>
<td>Universal IoT Hub</td>
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<tr>
<td>GV-Sensor</td>
<td>All-in-One Sensor module</td>
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<tr>
<td>GV7011</td>
<td>Hybrii-XL chip Powerline and IEEE802.15.4 wireless SoC</td>
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