

G5 Smart Gateway



The G5 Smart Gateway is the core component of the wireless control system, which is mainly responsible for architecture and adjusting communication networks, gathering down network nodes, and other feedback information, and sending control commands; it can communicate with the monitoring center to receive commands and feedback information and data. Lighting circuits can be closed-loop control, power line real-time monitoring information. Communicate with the lines, control terminal Zigbee communication, dimmer light switch and terminal operations at the same time, and receive lighting status and consumption data upload information terminal. It was also reported various alarm information, and has a remote upgrade capability. The G5 Smart GW uses an industrial-grade design, excellent electromagnetic compatibility and electromagnetic interference, can withstand high voltage spikes, strong magnetic field, strong electrostatic, lightning surge interference, and a wide temperature range to meet the demanding industrial environments.

Features

- Self-forming and self-healing mesh network with secured /encrypted communication
- Support GSM/WCDMA Mobile network
- Built-in surge protection

Ordering Information

G5-GW-UNV-Zig

Applications

- Smart City
- Parking Lots
- Private Roadways
- Public Streets & Highways
- College & Corporate Campus Walkways
- Jogging & Bike Pathways



SPECIFICATIONS

ELECTRICAL

- Operating Voltage: 120-277VAC
- Operating Power: 15W max.
- Surge: Meets ANSI, 10KV, 3KA Combination Wave

WIRELESS NETWORK

- Network: IEEE 802.15.4-2003 2.4GHz ISM
- Back haul Communication: GSM/WCDMA
- Comply with FCC Part 15

ENVIRONMENTAL

- Operating Temperature: -20 ° to 60 ° C (-22 ° to 158 ° F)
- Storage Temperature: -40 ° to 85 ° C (-40 ° to 185 ° F)
- Humidity Range: <95% Relative Humidity, non-condensing

PHYSICAL

- Color: Silvery
- Weight: 10 lbs

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.