

GW-1500 INTELLIGENT CONTROL INTEGRATED CONCENTRATOR FOR GW-150 SPECIFICATIONS

The GW-1500 integrated concentrator is a gateway controller for the GW-150 wireless lighting control system vigorously developed by Gateway International 360. The core components adopts wireless communication modules, a 4G communication module, and a high-performance ARM chip in combination with professional hardware and software designs, enabling easy wire-free installation, reliable work and easy maintenance. It meets the IEEE802.15.4 protocol for wireless communication and the TCP/IP protocol, and is equipped with professional switching power supply. The features include a timing switch luminaire, strategic control luminaire, control of grouped or single luminaires in terms of the collection and storage of working voltage, electric energy and other data. The GW-1500 provides real-time monitoring of group luminaires, collection and reporting of group luminaire parameters as well as the issuance of platform control commands. It includes wireless communication modules and an 8G SD memory card inside, which can rapidly report the working conditions of the luminaires on site with data storage.



FEATURES

- Mainframe of 9-24V, wide DC voltage input
- The input of 100-240Vac is available after configuration of standard power supply
- Uplink communication mode : 4G
- Downlink communication mode: Wireless
- Control function. Accept platform command and issue switch or dimming commands to terminal nodes
- Data collection function. Collect the working status and data of terminal nodes and report to the platform
- Maximum 256 nodes
- Encryption function - Effectively protect data and prevent data loss or distortion
- Power down detection, power failure self-protection
- Time function: automatic time calibration function
- Automatic operation: Automatically connect to server for networking operation, without manual setting

GW-1500 INTEGRATED CONCENTRATOR SPECIFICATIONS (CONT.)

FEATURES (CONT)

- Active fault alarm
- Meets industry standards

TECHNICAL PARAMETERS

1. Electrical performance parameters

Items	Contents
Input	9-12VDC input
Power consumption	<2W
Electrostatic discharge	Meet IEC 61000-4-2
Radiation	Meet IEC 61000-4-3
Burst of pulses	Meet IEC 61000-4-4
Lightening and surging	Meet IEC 61000-4-5
Electromagnetic compatibility EMC	Meet IEC 61000-4-8
Immunity level	Meet IEC 61000-4-11
Safety regulation	Meet IEC60950-1:2005

2. Hardware resources

Items	Contents
CPU	◆ Cortex-A8 industrial-grade processor, 800MHz
Memory	◆ 512MB DDR3
The electronic hard disk	◆ 256MB SLC NAND
SD card interface	◆ 1-circuit
SIM card interface	◆ 1
RTC	◆ 2 circuits (including 1 internal RTC and 1 external RTC)
Buzzer	◆ 1
Indicator light	◆ 2
Wireless communication mode	◆ 4G LTE

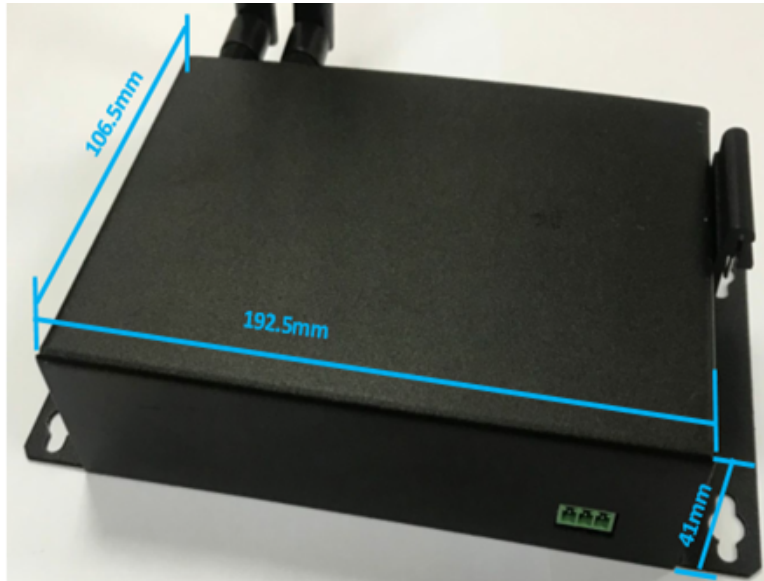
3. Software features

Items	Contents
Embedded real-time system	High stability and reliability; Good real-time performance Scalable Real-time kernel



APPEARANCE DIMENSION

192.5 * 106.5 * 41 cm



WARRANTY

10 year warranty - All photocontrols are marked with date of manufacture. This product is warranted to operate within its original specifications and shall be free of electrical or mechanical defects. Consult factory for the warranty time period. Manufacturer's warranty shall be limited to providing a replacement control of same type and shall not cover costs of removal, replacement or loss of service nor any consequential damages. This warranty is in lieu of and excludes all other warranties either expressed or implied. Full warranty statement is available by consulting factory.