

WxS885A-916211

LoRaWAN Zhaga Street Light Controller

Product Highlights

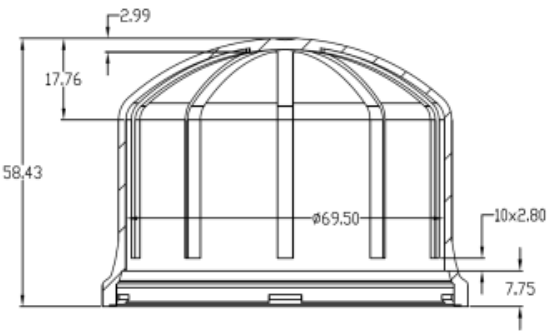
- ❖ Interface conforms to ZGAGA Book 18 standard;
- ❖ Input power: DC24V;
- ❖ Output signal: DALI-2/D4i;
- ❖ Measuring Current, Voltage, Power; Power Consumption detection function;
- ❖ Suitable for DALI driver (driver specification sent to sales before order placed)
- ❖ Monitor the working status of lamps and lanterns, anomaly outputs alarm;
- ❖ Local timing, latitude and longitude control functions;
- ❖ Over-current protection, lamps condition detection and default lighting functions;
- ❖ Overload protection design for ensuring security;
- ❖ Channel Plan: EU433, CN470, EU868, US915, KR920, AS923, etc.
- ❖ Complete communication protocol of LoRaWAN wireless networking;
- ❖ Industrial operating temperature range: -40 °C ~ +85 °C;
- ❖ Easy and simple installation, can respond to the instructions sent by the center in seconds.



Specifications

Sensors	
Detect items	Current, Voltage, Power; Power Consumption; the working status of lamps and lanterns
Optional	GPS location
Wireless Frequency	EU433, CN470, EU868, US915, KR920, AS923, etc.
Transmission Distance	2 km
Data Collection	U, I, P, Q, COSΦ
Antenna Gain	3DB
Antenna VSWR	≤2.0
Antenna	Built-in
Interface	
Output signal	DALI-2/D4i
Mechanics	
Size	Φ 69.5mm*58.43mm
Working temperature	-40 °C~85 °C
IP level	IP65
Power	
Supply Voltage	DC24V

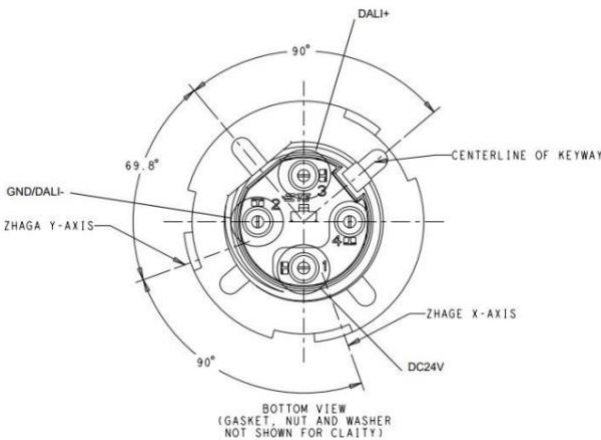
Product Appearance



Installation Requirements

Rain, positive pole & negative pole, DALI+ & DALI- connected in contrary way shall be avoided for the installation and storage of Zhaga Street Light Controller. Single lamp controller shall be installed fixed, to avoid the scratch of wiring and damage of insulation material.

Wiring Method



Pin No	Color	Definition	Wire Gauge
1	Grey	+24V	Wire Size: 16-20AWG, Strip Length: 11±1mm
2	Purple	DALI-	Wire Size: 16-20AWG, Strip Length: 11±1mm
3	Brown	DALI+	Wire Size: 16-20AWG, Strip Length: 11±1mm
4		RESERVED	

Installation Method

