



## ZHAGA NODE

### Specifications

Nominal Voltage (V)	24 Vdc
Power Consumption (W)	< 1 W
Supported Protocols	DALI / DALI-2 / D4i
DALI Management	4 DALI Addresses
Clock	RTC
Accelerometer	10-bit digital / 3-axis
Temperature Sensor	-30 °C / +80 °C
Luxmeter (kLux)	0.01 - 157 kLux
Operating Conditions	-30 °C / +75 °C
Ingress Protection	IP 66
Impact Protection	IK 09
Dimensions	Ø40 x 24.25 mm
Frequencies	2.4 GHz - 868 MHz - LoRa
Transmission Power	2.4 GHz: 10 dBm / 868 MHz: 20 dBm
Encoding	16-bit CRC (32-bit CRC for FW updates)
Cryptography	AES 128-bit

### IP66 IK09 CE

### Description

Wireless Communication Device

*Complied Standards:*  
ISO 9001:2008  
IEEE 802.15.4

### Applications

- Streets and Roads
- Parks and Car Lots
- Indoors
- Tunnels
- Public Transport and Traffic
- Air, Public Green and Waste Management
- Individual Monitoring and Presence Management
- Gas Metering and Detecting

