

**ZSC160****LORAWAN | LOW POWER, LONG RANGE**

REMOTICOM | ZSC160 | ZHAGA SMART CONTROLLER | LoRaWAN | D4i | DALI 2.0

ZHAGA SMART CONTROLLER.

The Remoticom ZSC160 series, along with the ZSC150 and ZSC200, are the most advanced products in our Zhaga Smart Controller family. The controller comes standard with a GPS and optional ambient light sensor and uses the Dali 2.0 specification. Based on the LoRa protocol, the current status can be monitored in real-time and a daily/weekly schedule can be easily applied.

The ZSC160 should be controlled via an API, linked to a public lighting control system. The controller has several unique features such as a holiday and exception calendar, which allows setting different dimming profiles and operating times from the usual daily and weekly regimes.

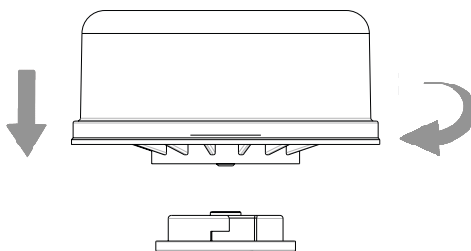
Included is an emergency function that allows the light intensity to be set to 100% in real time. A notification will also be sent automatically after an error detection, due to a tilted mast for example. A tilt of more than 15° will trigger an error message. The ZSC160 calibrates its own tilt zero point after 48 hours of use.

ADVANTAGES.

- ✓ Long Range (LoRa) radio technology, low cost and low power consumption
- ✓ LoRaWAN operator agnostic: open community networks, public network operators and private networks
- ✓ Plug and Play system
- ✓ D4i protocol for driver data readout
- ✓ Public holidays and exception calendar
- ✓ Compact dimensions
- ✓ GPS
- ✓ Ambient light sensor (optional)
- ✓ Emergency function possible via app
- ✓ Tilt detection

INSTALLATION ZSC160.

When mounting, press lightly and then turn 45° clockwise.



PRODUCT DATA ZSC160.

Physical information

Dimensions	Diameter 80 mm, height 40 mm
Weight	70 grams
Colour	Transparant
Connectors	Zhaga Book 18

Electrical information

Input voltage	24V interface of the driver
Light sensor	Yes
Number of controllable drivers per ZSC160	1
Standby average current	8 mA
Standby average power	0,35 W
Peak current	26 mA
Peak power	0,65 W

Environment & Quality

Operating temperature	-30 °C until 50 °C
Air humidity	10% until 90% non-condensing
Storage temperature	-30 °C until 50 °C
Storage humidity	5% to 90% non-condensing
IP Class	IP65/IP66
IK Class	IK08
UV protection	Protection by casing
Quality marks	CE

Commercial

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