

IP65 ZHAGA-BOOK 18 BLE DALI-2 Sensorless Controller



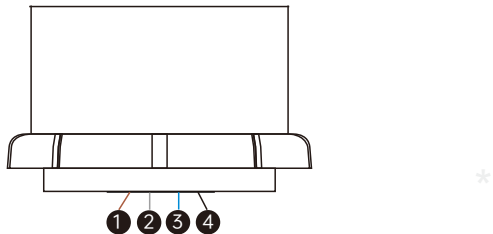
Features

- Bluetooth to DALI sensorless controller , Bluetooth® NLC certified
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- All devices on DALI line are broadcast controlled by mobile application
- Supports our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- ZHAGA Book 18 socket
- Available with Magnetic reset (touch the top part of sensor for 5 seconds)
- On-board antenna
- Waterproof grade: IP65, suitable for outdoor luminaires
- 5 years warranty

Product Info

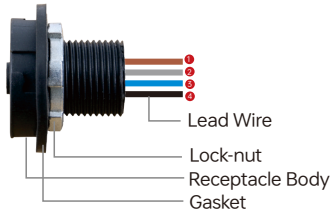
Single-node Control :
≥140m (460ft)

Mesh-range in Between:
Around 70m (Max.230ft)



Zhaga Receptacle Accessory(optional for order)

- ① Port 1 (Brown): No connection
- ② Port 2 (Gray): GND/ DA- (DALI signal)
- ③ Port 3 (Blue): DA+ (DALI signal)
- ④ Port 4 (Black): No connection



SILVAIR Technology Partner

Important: Read All Instructions Prior to Installation

Parameters

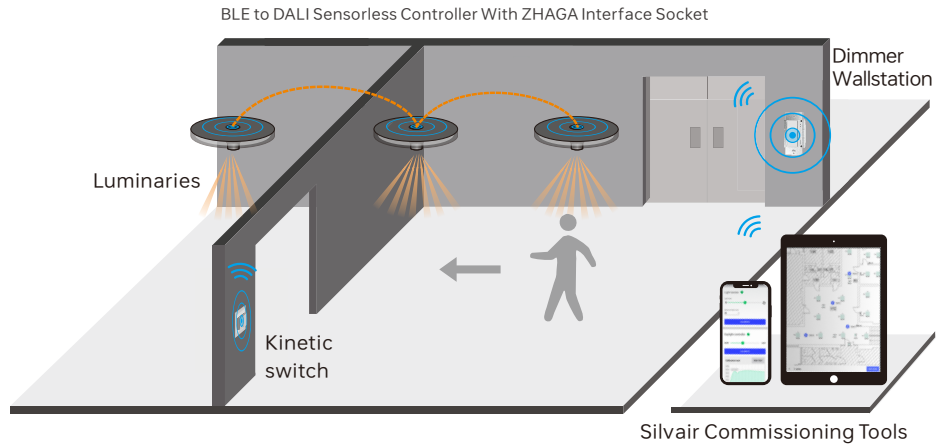
Electrical Information	
Power Supply	DALI BUS
Power Consumption	Max. 20mA
Control	DALI-2
Marking Terminals	DA-, DA+
Status Indicators	Green(Network Status), Red(Motion Status)
Environment	
Operating Temperature Range	0°C to 45°C
Operating Humidity	0-95%(non-condensing)
Safety Certification	cULus Listed, CE

Product Description

- With standard ZHAGA Book 18 interface socket, the sensorless can easily fit into various luminaires with no tools required.
- The sensorless is IP65 rating, which enables it to be used for outdoor luminaires. It shall work with ZHAGA Book 18 interface sensor together to significantly lower the project cost and meet the building energy codes.

Warning DO NOT expose the device to moisture.
DO NOT install with power applied to device.

System Overview



Application



Indoor Low/High-bay Application



Outdoor Application

Specification

Energy Savings

- Low/High-end trimming
- Auto and advanced demand response programs
- Manual control
- In-node Scheduling (INS) function

Comfort & Convenience

- Personalized setting profile
- Work with kinetic switch keypad and DALI dimmable drivers
- Multi-scenes control

Linkage

- Free to link several zones, which acts like zone linking
- Free to set linkage conditions (A triggers B or B triggers A)
- Working with the Sensor node can realize the maximum cost-effective ratio

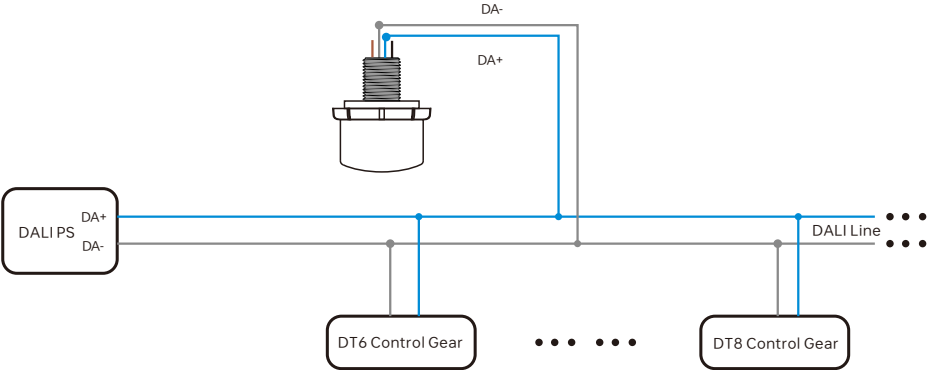
Linkage

- Operating temperature: 0°C-40°C
- Agency approbations: UL Listed/FCC/CE/IC...
- Warranty: 5 years

Operation

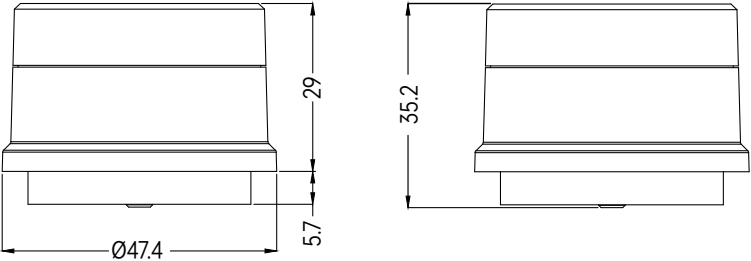
- Do wiring according to connection diagram.
- Kindly refer to "Silvoir Commissioning User Manual" for further pairing.
- Available with Magnetic reset(Touch the top part of sensor for 5 seconds).

Wiring



Note: please make sure the polarity of DALI signal of the sensor is correctly connected.

Dimension



Statement

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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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

IC STATEMENT

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Update Log

Date	Version	Update Content	Update by
2024-10-31	V1.0	Initial Version	Romeo

Subject to change without notice. Please contact us if you have any questions.