

Installation Manual - DiCE SMART Zb

SAFETY WARNINGS

Power Supply

- Do not connect the external power supply to other different devices;
- Do not make connections with wet hands;
- Make sure before use that the cables are not damaged;
- Avoid running cables through areas where they can be crushed or damaged;
- In case of malfunction, do not open the devices and contact the manufacturer and disconnect the power supply from the electrical outlet;
- Install the device in systems compliant with current standards;
- DiCE SMART Zb is equipped with integrated and non-replaceable LEDs;
- In the event of a malfunction of the LEDs, do not open the device and contact the Customer Service;
- Use only the supplied power supplies and in the event of a malfunction, contact Customer Service.

Use and maintenance

- Keep the devices away from heat sources (for example from radiators or stoves);
- Do not place the device on inclined or unstable support surfaces;
- Do not place the device on vibrating surfaces (for example on a washing machine);
- Do not expose the device to corrosive materials, water, steam, and do not keep them in damp places;
- Do not expose the device to the risk of impact or shock;
- Under any circumstances, do not touch the exposed electrical circuits. Contact could cause an electric shock;
- The use for educational and / or creative purposes must take place under the supervision of an adult.
- Before proceeding with the cleaning operations, unplug the device from the power outlet. To clean the exterior of the product, use a soft, dry or slightly moistened cloth. Avoiding the use of solvents and chemicals, they can compromise the quality of the components.

Read the following manual carefully and keep it for future reference. The manufacturer is not responsible for damage caused by incorrect use or incorrect application of the instructions. This publication may include inaccuracies or typographical errors. The following information is subject to periodic changes which will be included in subsequent versions and made available on the online site. Improvements and / or changes relating to the product and the software application described in this document can be made at any time without notice.

CONTENT OF THE PACKAGE

- A) DiCE SMART Zb
- B) AC/DC power supply
- C) USB cable (USB type A - USB type C)



INSTALLATION

- Make sure you have a 2.4 GHz Wi-Fi network accessible both via the device and via smartphone;
- Connect the power cable to the device and to the power supply;
- Connect the power supply to the power outlet;
- Access the app and follow the instructions to pair and configure the device.
- In order not to interfere with the integrated gesture module, it is recommended to leave a free area around the DiCE SMART Zb of about 10cm per side.

MOBILE APP

Download the **DiCEhome** app by accessing the Apple or Google Play stores.

Important: the device may not recognize Wi-Fi network SSIDs and passwords that contain special characters (e.g.% &! #_) or spaces. The app requires Android operating system version 6 and above and an iOS 11 operating system version and above.

The app was created to provide all the information in order to make the best use of the DiCE SMART Zb, listing all the usable functions and how to add compatible devices to extend the system.

HOW IT WORKS

The operation of the DiCE SMART Zb is based on the use of luminous and chromatic signals (using the RGB LEDs) capable of being read by the user without necessarily interrogating the device itself. Through changes in color and intensity, the DiCE SMART Zb is able to report the parameters collected by the sensors to which it is connected, allowing you to interact and communicate with the entire home.

KPI (Key Performance Indicator) and Skills

The KPIs are divided into two categories, those within the menu (factory set) and the external ones that are added dynamically based on the associated devices or scenarios set.

The KPIs shown into the menu are:

- "Rainbow" – Default position
- "Atmosphere"

Additional KPIs and Skills can be activated directly from the mobile app.

IMPORTANT: every alarm received from an associated zigbee sensor has priority over any KPI that the DiCE SMART Zb displays. The duration of the alarm is 60sec. If the DiCE SMART Zb is connected to the Internet, the alarm will also be notified on the mobile app.

GESTURES

1. **ONDA:** You can select the KPI without touching the device, but with a simple movement of the hand:

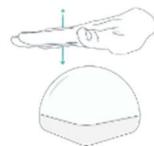


2. **VOLO:** to select the color (starting color: white with maximum brightness)

- Place your palm over controller at a distance of approximately 10cm or less. Hold this position for a couple of seconds until DiCE SMART Zb flashes once.



- After you see the flash, move your palm either up or down to "browse" the chromatic scale.





3. **ORBITA:** to dimmer light intensity. Rotate your fingers over DiCE SMART Zb clockwise to increase brightness (max 100%) and anticlockwise to decrease it (min 20%)



4. **POSA:** you can use the tap and double tap to send commands and run scenarios set in the app.



COMPATIBLE DEVICES

DiCE SMART Zb is compatible with a wide range of certified zigbee devices dedicated to the Smart Home. For more information, please visit our website www.diceworld.it. Each device can be added / deleted from the app. The procedures for placing the devices in learning (pairing) are given in the respective user manuals.

RESET

It is possible to perform a hard reset of the DiCE SMART Zb by pressing the button located under it 7 times (alternating one pulse every second), or by acting via the mobile app.

DECLARATION OF CONFORMITY (EU)

Hereby, DiCEworld s.r.l. declares that the DiCE SMART Zb radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: www.diceworld.it



Communication	Max E.I.R.P (dBm)	Frequency Range (MHz)
Wi-Fi	20(*)	2400 ÷ 2483.5
ZigBee	20(*)	2400 ÷ 2483.5

(*) Max power transmitted. For all transmitter assumed duty cycle 100%.

DISPOSAL



The crossed bin symbol shown on the appliance means that at the end of its life the device must be disposed of separately from other waste. The user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan. Alternatively, the user can return the device to the retailer at the time of purchase of a new equivalent appliance, or free of charge and without obligation to buy in case of items less than 25cm. The appropriate separate collection permits the consequent recycling, treatment and environmentally compatible disposal of these devices. This helps to prevent negative impacts on the environment and human health



and promotes the recycling of the materials making up the product. The abusive disposal of the product by the user requires the application of administrative sanctions.

FCC COMPLIANCE STATEMENT (USA)

This device complies with Part 15 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.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Non-modification Warning: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

TECHNICAL DATA

Power Supply	
Power Adapter	Input: 100-240V~ 50/60Hz Output: 5V --- 2.1A max 10.5W
Connector type	USB Type C
Rated Suply Voltage	5V ---
Led	
Type	RGBW
Radio Frequency	
ZigBee 2.4 GHz	✓
Wi-Fi IEEE 802.11 b/g/n 2.4 GHz	✓
Mecanichal	
Size (WxPxH)	106x106x96 mm
Weight	230 g
Application	indoor
ENVIRONMENTAL CONDITIONS	
Protection Degree	IP20
Operating Temperature	-10°C ~ +55°C
Relative Humidity	< 80% no-condensing

CONTACTS AND WARRANTY

In the case that the product you have purchased should require a service under warranty, please contact DiCEworld s.r.l. by contacting Customer Service at the e-mail address: servizioclienti@diceworld.it

MADE IN ITALY