

SHELLY DUO SMART BULB



The Shelly DUO (WW/CW or RGBW model) smart WiFi LED bulb by Allterco Robotics is intended to be installed into a standard light socket (E27/E26 or GU10) in order to change the white temperature or color (depending on model) and to dim the light. Shelly may work as a standalone device or as an accessory to a home automation controller.

Specification

Power supply	110-230V \pm 10% 50/60Hz AC	
Socket	E26/E27	GU10
Power Rating	9W	5W
Brightness	Up to 800 lm	Up to 400 lm
Color Temperature	WW/CW (2700K-6500K); RGBW	
Beam Angle	190°	36°
Working temperature	From -20°C to 40°C	
Complies with EU standards	RED 2014/53/EU, LVD 2014/35/EU, EMC 2004/108/WE, RoHS2 2011/65/UE	
Radio signal power	1mW	
Radio protocol	WiFi 802.11 b/g/n	
Frequency	2400 – 2500 MHz;	
Operational range (depending on local construction)	up to 30 m outdoors up to 15 m indoors	
Dimensions	60x122 mm	50x73 mm
Electrical consumption	< 1 W	

Technical Information

- Control through WiFi from a mobile phone, tablet, PC, automation system or any other device supporting HTTP and/or UDP protocol
- Microprocessor management
- Controlled elements: multiple LED diodes
- Shelly may be controlled by an external switch

⚠ CAUTION! Danger of electrocution. Plugging the device to the power grid has to be performed with caution.

⚠ CAUTION! Do not allow children to play with the device. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

⚠ CAUTION! Please handle with care! The Shelly® DUO is FRAGILE!

Introduction to Shelly

Shelly® is a family of innovative Devices, which allow remote control of electric appliances through mobile phone, PC or home automation system. Shelly® uses WiFi to connect to the devices controlling it. They can be in the same WiFi network or they can use remote access (through the Internet).

Shelly® may work standalone, without being managed by a home automation controller, in the local WiFi network, as well as through a cloud service, from everywhere the User has Internet access.

Shelly® has an integrated web server, through which the User may adjust, control and monitor the Device. Shelly® has two WiFi modes - access Point (AP) and Client mode (CM). To operate in Client Mode, a WiFi router must be located within the range of the Device. Shelly® devices can communicate directly with other WiFi devices through HTTP protocol.

An API can be provided by the Manufacturer. Shelly® devices may be available for monitor and control even if the User is outside the range of the local WiFi network, as long as the WiFi router is connected to the Internet. The cloud function could be used, which is activated through the web server of the Device or through the settings in the Shelly Cloud mobile application.

The User can register and access Shelly Cloud, using either Android or iOS mobile applications, or any internet browser and the web site: <https://my.Shelly.cloud/>.

Installation Instructions

⚠ CAUTION! Danger of electrocution. Before installing the Device into the light socket please check if it has been powered off.

⚠ CAUTION! Before beginning the installation please read the accompanying documentation carefully and completely. Failure to follow recommended procedures could lead to malfunction, danger to your life or violation of the law. Allterco Robotics is not responsible for any loss or damage in case of incorrect installation or operation of this device.

⚠ CAUTION! Use the Device only with power grid which comply with all applicable regulations. Short circuit in the power grid connected to the Device may damage the Device.

⚠ CAUTION! Please check the working voltage of the device and the supplied voltage of your power grid before installing the device! Installing the device to a non recommended power supply may lead to malfunction, danger to your life or violation of the law. Allterco Robotics is not responsible for any loss or damage in case of incorrect installation or operation of this device.

⚠ RECOMMENDATION! The Device may be connected to and may control electric circuits and light sockets only if they comply with the respective standards and safety norms.

Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type Shelly DUO is in compliance with Directive 2014/53/EU, 2014/35/EU, 2004/108/WE, 2011/65/UE. The full text of the EU declaration of conformity is available at the following internet address:

<https://shelly.cloud/declaration-of-conformity/>

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E-mail: support@shelly.cloud

Web: <http://www.shelly.cloud>

Changes in the contact data are published by the Manufacturer at the official website of the Device:

<http://www.shelly.cloud>

The User is obliged to stay informed for any amendments of these warranty terms before exercising his/her rights against the Manufacturer.

All rights to trademarks She® and Shelly®, and other intellectual rights associated with this Device belong to Allterco Robotics EOOD.