DATA SHEET

Code: PIXELBOX/BLEBOX

SMART LED LIGHTING CONTROLLER **PIXELBOX/BLEBOX** Wi-Fi, 5 … 12 V DC

The PIXELBOX/BLEBOX controller enables full control of the digital LED strip (control of colors, effects, changing time, etc.). To work with full functionality, the device requires connection to a home Wi-Fi network. Controlling BleBox devices via the cloud requires additionally connecting the home network to the Internet and enabling the "Remote access" function in the device configuration.

Beyond direct control, the device has the ability to program the on and off schedule and linking to different system events. Voice control allows you to control the device via voice commands from Amazon Alexa or the Google Assistant (Internet access required).

Attention! Controlling the device with a physical switch is done by shorting / opening the IN contact to the ground. The device can operate with monostable (momentary) push-buttons.

Application:	Works with LED lighting - digital (ARGB/RGB) 12V WS2811/WS2815 LED strips
Rated voltage:	5 … 12 V DC
Maximal total load:	60 W (power) , 20 mA (controlling)
Total maximal current:	5 A
Number of inputs:	1
Number of outputs:	1 (power) , 1 (controlling)
Connector type:	screw terminals
Wireless:	Wi-Fi, 2.4 GHz - IEEE 802.11g
Mobile phones support:	• The [wBox](#) free application on Android • The [wBox](#) free application on iOS

Main features:	• Local control by physical button, • schedule, • timer, • remote access, • voice control, • Controlling the color, effect, changing time allows any interior arrangement • predefined effects, • effects modification, • Possibilities of controlling a digital LED strip consisting of 360 diodes, groups or matrices • Possibility to cut off the power supply of the LED strip when it is switched off (energy saving) • µWiFi technology support
Housing:	Plastic
"Index of Protection":	IP20
Color:	Black
Operation temp:	-20 °C ... 50 °C
Weight:	0.02 kg
Dimensions:	36 x 26 x 19 mm
Manufacturer / Brand:	BleBox
Guarantee:	2 years