



User Manual

Code: WINDSENSOR-PRO/BLEBOX
WIND SENSOR **WINDSENSOR-PRO/BLEBOX** Wi-Fi

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The WINDSENSOR-PRO/BLEBOX wireless wind sensor consists of a wireless controller equipped with an external Wi-Fi antenna, a 2 m long sensor connection cable and a dedicated wind speed sensor. The sensor allows you to measure the current (instantaneous) wind speed and the average and maximum speed (gusts) over a period of 10 minutes.

The WINDSENSOR-PRO/BLEBOX sensor allows you to wirelessly send a control command to 30 other devices of the BleBox system, e.g. enabling you to control the closing of roller blinds, shutters, awnings in strong winds. Modern solutions used in devices allow you to receive notifications from the wBox mobile application dedicated to smartphones and tablets with iOS and Android systems. You can program the sending of warnings (notifications) to your smartphone in the event of strong winds. In the application, it is possible to display interactive graphs of changes in measured values (annual history). The data is stored on the BleBox server with the option of exporting it to a CSV file.

To work with full functionality, the device requires connection to a home Wi-Fi network. The device, thanks to a housing with increased resistance to weather conditions and an external antenna, can be placed outside in a place away from the router. 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. Voice control allows you to control the device via voice commands from Amazon Alexa or the Google Assistant (Internet access required).



Support:	BleBox
Detection:	Wind speed
Measurement range:	0.5 ... 30 m/s (1.8 ... 108 km/h)
Alarm signaling:	Signal to the wBox mobile application
Frequency range:	2.4 GHz Wi-Fi - IEEE 802.11g
Mobile phones support:	<ul style="list-style-type: none"> • The wBox free application on Android • The wBox free application on iOS
Power supply:	12 ... 24 V DC
Power consumption:	< 1 W



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Main features:	<ul style="list-style-type: none">• Instantaneous speed measurement,• Display of the maximum wind speed (gusts) over a period of 10 minutes,• Display of the average wind speed over a period of 10 minutes,• Selectable measurement unit: m/s, km/h, kt• Charts and measurement history• Data export in "*.csv" format• Phone notification• Controlling BleBox devices - max. 30• Voice control• Omnidirectional antenna Wi-Fi 5 dB,• SMA-RP socket• µWiFi technology support,• remote access,• Bidirectional communication• Transmission encryption : WPA2-PSK (AEAD)• Protections : Reverse polarity of the input voltage, ESD• Assembly : 2 Mounting holes 18 x 3.5 mm, self-adhesive tape - Controller, 4 x M5/M6 screw - Wind Sensor• 4 mounting screws included• Connecting cable 2m (included)
Housing:	<ul style="list-style-type: none">• Non-halogen plastic, Self-extinguishing• Waterproof, Weatherproof
"Index of Protection":	IP54
Color:	Black
Operation temp:	-20 ... 50 °C
Weight:	<ul style="list-style-type: none">• 0.22 kg (detector)• 0.07 kg (container box with controller)• 0.42 kg (total)
Dimensions:	<ul style="list-style-type: none">• 92 x 50 x 28 mm - without antenna• 230 x 85 x 28 mm - with antenna, vertical• 195 mm - Antenna• Ø 200 x 128 mm - Wind Sensor• 2 m - Length of the cable
Manufacturer / Brand:	BleBox
Guarantee:	2 years

Controller box:



Internal view of the housing:



Antenna connector:



Wind Sensor:



Connector:



In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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