

Code: WINDSENSOR-PRO/BLEBOX

## WIND SENSOR **WINDSENSOR-PRO/BLEBOX** Wi-Fi

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).



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| 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"> <li>• The <a href="#">wBox</a> free application on Android</li> <li>• The <a href="#">wBox</a> free application on iOS</li> </ul> |
| Power supply:          | 12 ... 24 V DC                                                                                                                                                       |
| Power consumption:     | < 1 W                                                                                                                                                                |

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