

Code: HUMIDITY-SENSOR-V2/BLEBOX

## TEMPERATURE AND HUMIDITY SENSOR **HUMIDITY-SENSOR-V2/BLEBOX** Wi-Fi

The HUMIDITY-SENSOR-V2/BLEBOX wireless sensor allows you to remotely read the air temperature and relative humidity from anywhere. The device is designed for indoor or outdoor use in places protected from rain.

Using the wBox application and the HUMIDITY-SENSOR-V2/BLEBOX sensor, you can control other devices in the system based on the readings. 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. 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. 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:	Temperature, relative humidity
Measurement range:	<ul style="list-style-type: none"> <li>• Temperature : -40 ... 125 °C,</li> <li>• relative humidity : 0 RH ... 100 % RH</li> </ul>
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:	5 V DC - USB-C (power adapter not included)
Power consumption:	< 1 W

Main features:	<ul style="list-style-type: none"> <li>• Two programmable temperature thresholds (upper and lower)</li> <li>• Two programmable humidity thresholds (upper and lower)</li> <li>• Measuring accuracy - Temperature : 0.2 °C ( 0 ... 60 °C )</li> <li>• Measuring accuracy - relative humidity : 1.8 % RH ( 30 RH ... 70 % RH @ 0 ... 80 °C )</li> <li>• Dokładność wyświetlania pomiaru - Temperature : 0.1 °C</li> <li>• Dokładność wyświetlania pomiaru - relative humidity : 0.1 % RH</li> <li>• Determining the trend of changes</li> <li>• Thermal comfort index</li> <li>• Calculated parameters : absolute humidity, dew point, heat index,</li> <li>• Charts and measurement history</li> <li>• Data export in "*.csv" format</li> <li>• Phone notification</li> <li>• Internal antenna</li> <li>• µWiFi technology support,</li> <li>• remote access</li> <li>• Controlling BleBox devices</li> <li>• Voice control</li> <li>• Bidirectional communication</li> <li>• Transmission encryption : WPA2-PSK (AEAD)</li> <li>• Splash-proof probe</li> <li>• self test feature</li> <li>• LED indication</li> <li>• Assembly : self-adhesive tape</li> </ul>
Housing:	Plastic (ABS)
"Index of Protection":	IP32
Color:	White
Operation temp:	-20 ... 50 °C
Weight:	0.04 kg
Dimensions:	<ul style="list-style-type: none"> <li>• 45 x 31 x 15 mm</li> <li>• Ø 13 x 46 mm - Probe</li> <li>• 1 m - Length of the cable (Probe)</li> </ul>
Manufacturer / Brand:	BleBox
Guarantee:	2 years