embio diagnostics AirBeld EOS Temperature and Humidity Device User Guide

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Quick start guide / First time setup

Recommendation: The AirBELD Eos is intended for indoor use only. The recommended height for placing the device on a vertical or horizontal surface is between 80 cm and 140 cm for accurate measurements.

Step 1: Carefully unpack the device.
Step 2: Place the device on the desired surface.
Step 3: Plug the power adapter, and the power cable into the device. Connect the provided USB-C cable to the device and to an electrical wall socket. Do not use it if the cable is damaged.
Step 4: Once the device is powered on, follow the WiF1 provisioning guide to connect the device to your network.
Step 5: Log in to your online dashboard from your PC, using the credentials sent to your e-mail.

Connecting the device to your network

Step 1: Share your email for the Google Play Store with us at **support@embiodiagnostics.eu**.
Step 2: An invitation for the AirBELD application will be sent to you in this email by the Google Play Store.
Step 3: Follow the link on the invitation to download the application on your phone.
Step 4: Launch the application and follow the on-screen guide to set up the WIFI network. credentials on the AirBELD device.
Step 5: Congratulations, your device is now connected!

Button Functionality

The device is equipped with a multifunction button.

- long press (12sec) sleep — 1 push wake up.
- very long press (22sec) reset WiFi SSID and Password, device will reset.

Dashboard

Use the provided credentials to log-in to your dashboard. Select the device you want to view and the data refresh rate. The readings are streamed to your dashboard.

Safety and maintenance

AirBELD Eos is intended for indoor use only. Avoid direct exposure to sunlight for long periods. Avoid exposure to direct heat sources. For correct usage, make sure the detector is operating in the specified temperature range (see technical specifications). Exposure to high humidity might permanently alter the detector's sensitivity or damage it. Do not disassemble. If the detector does not work as specified or you are in doubt, contact technical support. Use dry cloth to clean the device. This product is a radio transmitter and receiver.

Limited liability

Product in continuous development.

It is recommended to keep the device constantly activated. EMBIO Diagnostics Ltd. shall not be liable for damages related to failure or loss of data arising from incorrect operations and handling of the device.

About EMBIO Diagnostics, Ltd.

EMBIO Diagnostics is a rapidly growing biotech company that designs and develops innovative, portable, biosensor-based digital devices for rapid diagnostics.

Contact information

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Technical Support

support@embiodiagnostics.eu

Technical Specifications

PM Sensor	PM 1.0 /**2.5**/**4.0**/**10**	0.3-1.0; 0.3-2.5; 0.3-4; 0.3-10 um	
	Measurement range Accuracy	0 – 1000 ug/m3 +/-10%	
Gas Sensors	CO2	Measurement range Accuracy	400 – 5000 ppm +/- (4 0ppm + 5% of Reading)
	voe	Measurement range Accuracy	0 – 500 Index Points <+/- 5% repeatability
	NOx	Measurement range Accuracy	0 – 500 Index Points <+/-10% repeatability
Environmental Sensors	Temperature	Measurement range Accuracy	-10- 50 °C 0.45 °C
	Relative Humidity	Measurement range Accuracy	20-80 %RH 4.5%
Connectivity	WiFi – 2.4GHz		
Dimensions (WxlxH)	110 x 100 x 30 mm		
Power	USB-C: SVDC, 1A Battery (optional)		
Operating Conditions	10- 40 °C		
Storage Conditions	-10- 50 °C		

CUSTOMERS SUPPORT

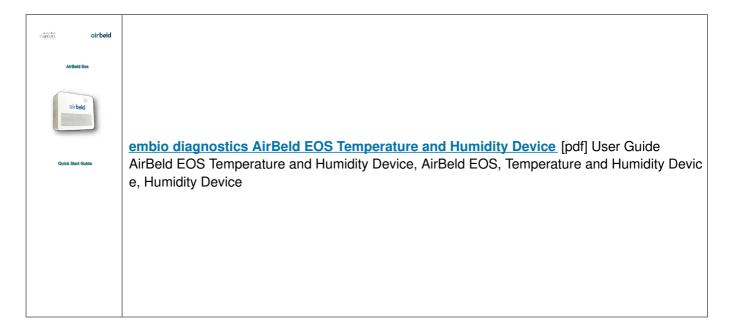
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Documents / Resources

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AirBeld EOS Temperature and Humidity Device, AirBeld EOS, Temperature and Humidity Device, Humidity Device

References

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