



(<https://stemdotz.wpengine.com>)

Learn More
(<https://Stemdotz.Wpengine.Com>)



FREQUENTLY ASKED QUESTIONS

Learn More About STEM Dotz

- › **What Age Groups Are STEM Dotz Appropriate For? ()**

- › **Can A Smartphone Be Used To Collect STEM Dotz Data? ()**

- › **Can An IPad Or Android Tablet Be Used To Collect STEM Dotz Data? ()**

- › **Can A Computer Or Chromebook Be Used To Collect STEM Dotz Data? ()**

- › **What App Do I Use With A STEM Dotz? ()**

- › **Is There A Cost To The App? ()**

- › **Can Other Apps Collect Data From A STEM Dotz? ()**

- › **Where Do I Get Experiments That Explain How To Use A STEM Dotz? ()**

Can You Design Your Own Experiments Using A STEM Dotz? Learn More (https://stemdotz.wpengine.com)

What Are The Data-Collection Specifications For Using A STEM Dotz? ()

Can STEM Dotz Data Be Exported From The STEMIOS App? ()

How Is The STEM Dotz Powered? ()

Is A Battery Included? ()

How Do You Change The STEM Dotz Battery? ()

Is A STEM Dotz Water Proof? ()

What Sensors Are Included In A STEM Dotz? ()

What Are The Specifications Of The STEM Dotz Sensors? ()

- Temperature
 - Range: -40 to 120°C
- Pressure
 - Range: 26 to 126 kPa (260 to 1260 mbar)
- Relative Humidity
 - Range: 0 to 100%
- Light
 - Range: 0.01 to 157,000 Lux
 - Spectral Response: 440 to 690 nm
- Accelerometers
 - $\pm 156.8 \text{ m/s}^2$ ($\pm 16 \text{ g}$)
- Magnetometers
 - $\pm 5 \text{ mT}$ ($\pm 50 \text{ gauss}$)

Can More Than One Sensor Be Used At The Same Time? ()

Yes, any or all of the sensors can be used in combination at the same time to collect data. [Learn More \(https://stemdotz.wpengine.com\)](https://stemdotz.wpengine.com)

^ How Far Can A STEM Dotz Be From A Phone And Still Be Able To Collect Data? ()

10 meters (30 feet) unobstructed

^ What Are The Dimensions Of A STEM Dotz? ()

Size: 4.7 cm x 4.1 cm x 1.3 cm

▸ What Should I Do If It My STEM Dotz Stops Working? ()

FCC Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. (3) to satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons (4) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation.

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