



# THE HEALTH MAT DEV KIT 1.9

The Smartest Health Solutions With Exceptional Precision

SHEET

## 2- The Flooring Mat Platform



The Flooring Mat, based on the Sensing Mat Platform by Sensing Tex, is developed to take advantage of the collected pressure mapping on the floor.

The Flooring Mat Platform is an end-to-end solution to design smart connected products to collect data, recognize patterns and trigger actions based on the stretchable printed electronic technology patented by Sensing Tex.

The Flooring Mat allows for a big number of other sub-applications mainly in fitness,

## 2- The Health Mat Dev Kit



The Health Mat, based on the Sensing Mat Platform by Sensing Tex, is developed to leverage the collected pressure mapping on the floor. The Flooring Mat Platform is an end-to-end solution to design smart connected products to collect data, recognize patterns and trigger actions based on the stretchable printed electronic technology patented by Sensing Tex.

This relevant information is then displayed in the Software provided; the user can use the insight to take the most appropriate decisions to enable or improve their wellness and health products. The system may be integrated with any other software.

[Get in touch with our team for more info: info@sensingtex.com](mailto:info@sensingtex.com)

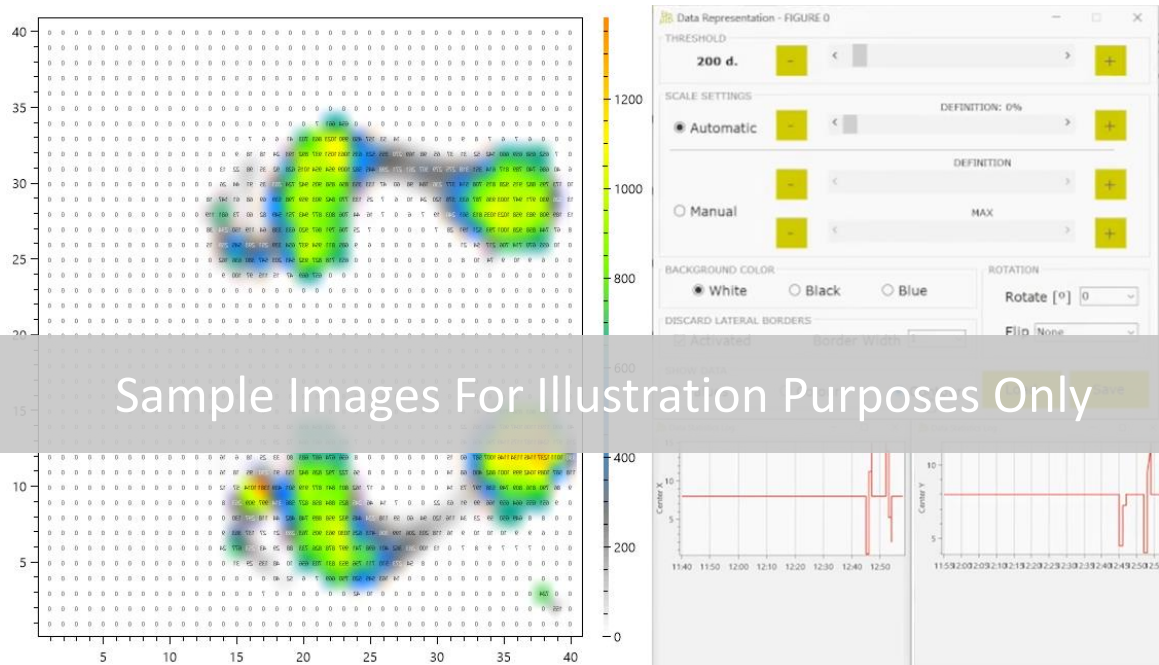


### 3- The Hardware



- 1- Mat
- 2- USB Cable
- 3- Protective Foam
- 4- Transportation Bag

### 4- The Demo Software



Sensing Mat Features	
Overall Area (L x W) [mm]	604 x 521
Sensing Area (L x W) [mm]	480 x 480
Number of Sensor Elements	2304
Matrix Topology [R x C]	48 x 48
Sensor Element Resolution [mm]	10
Sensor Element Shape	Round
Sensor Element Size [mm]	6
Pressure Sensing Features	
Linearity Coefficient	0.99
Accuracy	10%
Pressure Range	20-10000 mmHg
Hardware Features	
ADC Resolution	8- 12 bits
Scanning frequency [Hz]	20-50*
OS & Platforms Compatibility	Windows, Linux, OSX, IoT, Android
Standard Connectivity Hardware	USB Serial
Standard Connectivity Enabled	USB Serial (24/7)
Connector Power	Micro-USB
Built in Battery	No
API	Available API to manage data streaming
Software Features	
Demo Software	Windows
Software Support	API & Software Developer Guide Provided & Technical Assistance

*\*Varies depending on the communication, data compression, and receiving device*

