

## **Mintti Vision Intelligent Multifunctional Health Tracker**



Mintti Vision Multifunctional Health Tracker is a portable, convenient and easy to use vital-sign-monitor using a proprietary algorithm of Rothman Index. Equipped with the most advanced sensor and technologies, Mintti Vision provides an authentic measurement of your temperature, blood pressure, blood glucose, SPO<sub>2</sub>, respiratory rate, and heart rate.

Syncing with a smartphone APP of Mintti Vision, it makes health monitoring simple and comfortable. You can share your personal health data with your family members or directly with your doctor without even leaving home.

Rothman Index (RI) applied in Mintti Vision is a software program for recording a patient's overall health condition over time. It generates a "health score" based on factors such as vital signs and a person's self-assessments. It is displayed with a graph of the patient's condition in real-time which enables the early intervention of physician.

**SPECIFICATION:**

Product Name	Mintti Vision Vital Signs Monitor
Product Size	70mm*70mm*18.4mm
Product Weight	Approximately 70g
Bluetooth	4.0 Enabled
Battery Capacity	400mAH
Phone Versions	Android 5.0 and above; iOS 9.0 and above
Operation Tem & Hum	+5°C-+40°C, 0-80%RH
Storage Tem & Hum	-40°C-+55°C, ≤ 93%RH
Environmental Pressure	86-106kPa
Working Frequency	2.4000GHz-2.4835GHz
<b>Blood Pressure/ Heart Rate</b>	
Measuring Method:	Oscillometric method
Cuff Perimeter:	22-35cm
Measuring Range:	Blood pressure: 0-300mmHg Systolic pressure: 60-260mmHg Diastolic pressure: 40-199mmHg
Heart Rate:	30-300bpm
Measuring Rate:	Blood pressure ±3 mmHg Heart rate ±5%
<b>Blood Oxygen</b>	
Measuring Method:	Reflective
Method Measuring Range:	90%-99%

Measuring Error	+/- 2%
<b>Glucose Measurement</b>	
Measurement Range:	1.1mmol/L~33.3mmol/L
Measurement Time:	15S
<b>Temperature Measurement</b>	
Measuring Method:	Infra-red
Measuring Part:	Forehead
Measuring Range:	34 -43 °C
Measuring Error:	36-39°C +/- 0.2°C >39°C or <36°C +/- 0.3°C
<b>ECG Measurement</b>	
Measurement Mode:	Single Lead
Input Impedance:	>10MΩ
Input Circuit Current:	<0.1 μA
Calibration Voltage:	1mV +/-0.05mV
Sensitivity Tolerance:	<10%
50Hz Interference Suppression Filter:	>20dB
Maximum Input Range:	+/- 4.7mV
Polarization Resistance Voltage:	+/-300mV, Amplitude variation <10%
Frequency Response:	0.5-40Hz
Overshoot:	Not more than 20%

## **FEATURES:**

### **Multifunctional, 6 in 1 Health Tracking**

Mintti Vision Health Tracker is a multifunctional 6 in 1 health monitoring device. It can measure, store and share the user's data of blood pressure, oxygen saturation, heart rate, temperature, respiratory rate and blood glucose.

### **Best Care at Lower Cost**

Rothman Index embedded into Mintti Vision enables organizations to deliver the highest quality of care without having to invest much in extra staff, resources, or training.

### **Simple and Convenient**

Mintti Vision is compact enough to fit in your pocket or handbag, making health tracking extremely easy and convenient. You can read your vital signs anytime and anywhere.

### **Data Security and Privacy**

Mintti Vision keeps each and every user's data safe, secure and private with its encrypted multi-user feature which makes it the perfect fit for the family. Every family member can track their health condition while keeping their privacy separate.

### **How to Operate**

Step 1: Download and install "Mintti Vision" APP.

Step 2: Long press the power button of the device to switch on.

Step 3: Connect the device via Bluetooth on the smartphone.

Step 4: Click one of the features to start measuring.

Step 5: Get a graph of Rothman Index.

**Note:** Please see details of measurement steps separately for temperature, blood oxygen, blood glucose, blood pressure, and ECG in User Manual.