

## Dynamic ECG Monitor, Mintti Heartbook



Mintti Heartbook Dynamic ECG Monitor, is a lightweight and comfortable ambulatory adhesive patch suitable for real-time monitoring cardiac monitoring at home or in any healthcare environment.

With one of the most effective methods of cardiac monitoring, Mintti Heartbook can detect arrhythmia, abnormal heart rate or rhythm, providing complete waveform annotations, accurate parameters extraction, smart abnormality lock-up and rapid diseases information entry.

As an intelligent medical-grade wearable ECG monitor, Mintti Heartbook can be used in after-surgery tracking (health management) for cardiac patients and continuous monitoring for the elderly, extreme sports enthusiasts, people under high pressure, or the sub-healthy people as well.

## SPECIFICATION:

<b>Product Name</b>	Mintti Heartbook Dynamic ECG Monitor
<b>Product Size</b>	54mm(Length)*61mm(Width)*9.0mm(Height)
<b>Product Weight</b>	20g
<b>Bluetooth</b>	4.0 Enabled
<b>Phone Versions</b>	Android 5.0 and above, IOS 9.0 and above
<b>Battery Capacity</b>	≥170mAh
<b>Indicator Light Status</b>	Flashing, Steady Internal
<b>Power Supply</b>	DC 3.7V
<b>Sample Rate</b>	500Hz
<b>Standby Time</b>	≥60days
<b>Continuous Monitoring Time</b>	≥35h
<b>Charging Voltage</b>	DC 5.0V-0.2A
<b>Operating Current</b>	≤20mA
<b>Data Transmission</b>	Bluetooth BLE 4.0
<b>Channel Number</b>	Single channel
<b>Product Accessories</b>	ECG electrodes and chest belt

## FEATURES:

### **Lightweight and Antibacterial**

Mintti Heartbook is lightweight and ultra-thin, comfortable with unique antibacterial plastic material for medical use.

### **Thorough Review of Heart Health**

Mintti Heartbook makes a continuous ECG record and also monitors respiratory rate, activity tracking, heart rate, heart rate variability which provides a thorough review of your health condition.

### **Intelligent and Accurate**

With complete waveform annotations, accurate parameters extraction, smart abnormality lock-up, and rapid diseases information entry, Mintti Heartbook provides convenient and instant diagnosis for users by simple operation.

### **How to Operate**

- Step 1: Download and install the “HeartBook” APP.
- Step 2: Long press the power button of the device to switch on.
- Step 3: Connect the device via Bluetooth of the smartphone.
- Step 4: Place three ECG electrodes on the device.
- Step 5: Start measuring on the measurement interface.
- Step 6: Get the HeartBook report.
- Step 7: Share the PDF report.

**Note:** Please refer to User Manual for details.

### **Algorithm for Online Diagnosis**

Online doctor consultation builds up the patient's exclusive chronic disease management platform.

### **Real-time Emergency Alert**

With a Multi-parameter cardiac telemetry system, Mintti Heartbook can have a real-time alert on APB, VPB, long interval, tachycardia and bradycardia.

### **Efficient and Timely**

By making the use of limited time of doctors to complete the analysis in a timely manner, the Mintti Heartbook can save with an average 23 hours to get access to medical reports in advance comparing with hospital routine Dynamic ECG Recorder (Holter).