Technical Specifications

Dimensions (H x W x D)	58 mm x 50 mm x 17 mm
Weight	35 g
ECG	
Type	Single Lead (Lead II)
Sampling rate	256 samples/sec
Bandwidth	0.5 – 40 Hz
Heart Rate	
Range	25 to 240 BPM
Accuracy	+/- 5 BPM or 10%
Battery	
Battery Type	Non-rechargeable coin cell - CR2450
Backup Time	Upto 10 days
Safety	
Alarms	HR High/Low, RR High/Low, Lead Off, Battery Low, Battery Depleted
IP Rating	IPX4
Accelerometer	3-axis accelerometer for patient activity tracking and fall detection
Memory	Inbuilt memory for 50 patient activated events
Accessories	Pouch, Battery, Adhesive Patch, Silicon Case
Warranty	1 year

vTitan Corporation Private Limited
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980-1107 Rev 02

vTitan™
Safer healthcare for everyone

vCardio

Ambulatory Cardiac Monitor

Screen your patients for cardiovascular health routinely with vCardio

- Clinical grade Single lead ECG
- Disposable electrode
  Resuable sensor module
- AI/ML based analysis of heart conditions
- Patient - triggered symptom tracking
- Long - term continuous ECG monitoring

Point-of-care device for cardiac monitoring

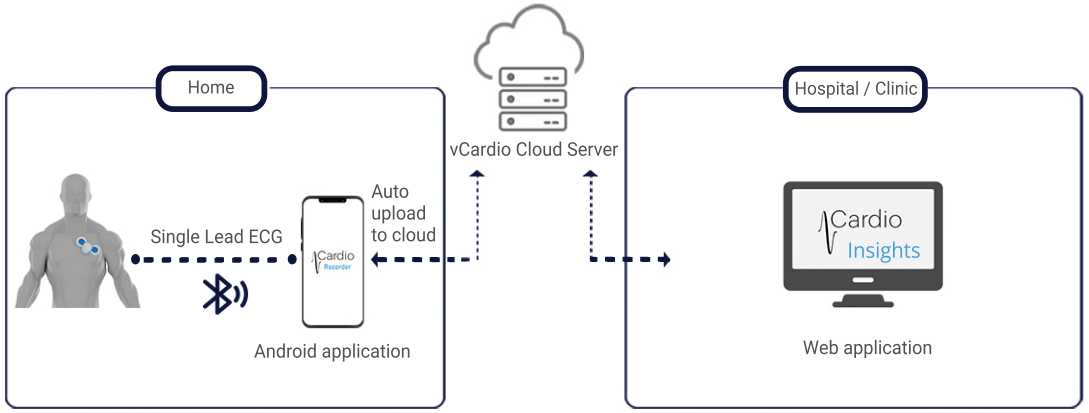
Effortless Outpatient Screening with vCardio

Wear vCardio patch → Connect vCardio to app → Enter patient details and start test → Generate instant report and share

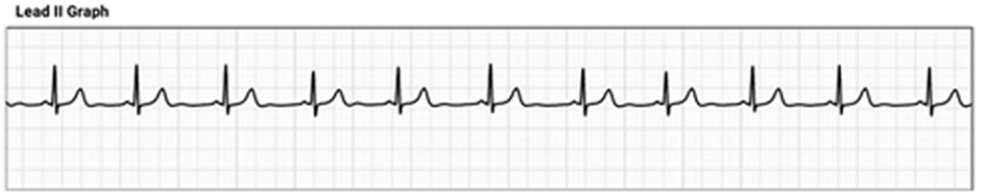
AI based ECG Analysis and Arrhythmia Detection

- Clear P wave detection
- QRS morphology
- Rate and Rhythm analysis
  - Tachycardia
  - Bradycardia
  - Pause
  - Atrial Fibrillation / Flutter
- Beat to Beat analysis
- HRV analysis

Long - Term Continuous ECG Monitoring

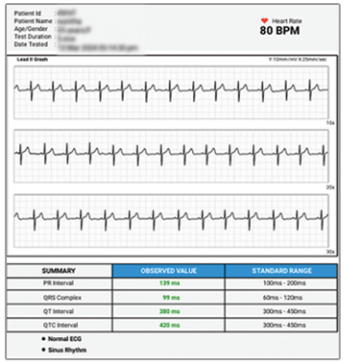


Wear vCardio patch → Connect device to Recorder app → Add the device in vCardio Insights → Record upto 7 days at home → Analyse data in vCardio Insights; generate report



Reports With Comprehensive Insights

- Clear and intuitive reports help in better clinical interpretation
- Includes ECG graphs along with heart rate and ECG beat intervals computed from our AI algorithm
- Clinical findings such as arrhythmia



Experience the Future of Cardiac Monitoring with vCardio!