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/s
Bandwidth	0.5-40 Hz

Heart rate

Range	25-240 BPM
Accuracy	+/- 5 BPM or 10%

Battery

Battery type	Non-rechargeable coin cell - CR2450
Backup time	Upto 7 days

Safety

IP rating	IPX4
Accelerometer	3-axis accelerometer for activity tracking & fall detection

Memory

Inbuilt memory for 50 patient activated events

Accessories

Pouch, battery, adhesive patch, silicon case

Warranty

1 year

vTitan Corporation Private Limited
New Woodlands Building, Estancia IT Park,
Plot No. 140,151 Vallancheri Village,
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Tamil Nadu - 603202, India

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980-1107 Rev 03

vTitan

vCardio

Smart monitoring
Better cardiac health

Early detection of arrhythmias - *anytime, anywhere*

The problem: Silent Arrhythmias, Serious Outcomes

Atrial Fibrillation (AFib) is the most common sustained arrhythmia. Many arrhythmias occur intermittently and go undiagnosed for months. Undetected AFib increases stroke risk fivefold. Current methods like short-term ECG, in-clinic holter monitors often miss transient episodes.

1 in **20**

people are estimated to be affected by arrhythmias globally

Why vCardio?

Clinical-grade ECG

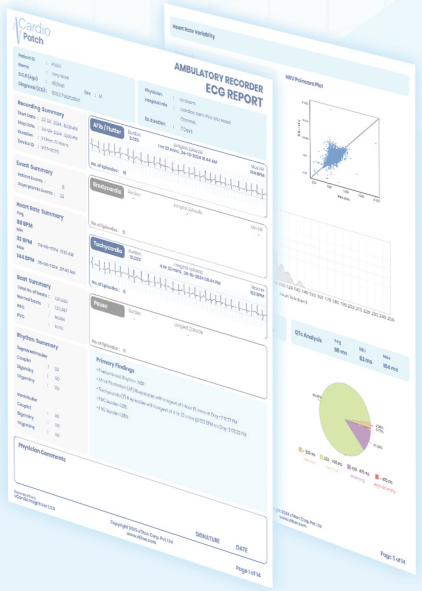
256 sps high-resolution |
MIT-BIH validated algorithm |
IEC 60601-2-47 compliant

Sleek design

Weights < 35 g | No lead wires |
Snap-to-electrode design |
Coin-cell battery

Smart insights

Arrhythmia event summary |
AI filtering to reduce false positives |
Integration with clinical platforms



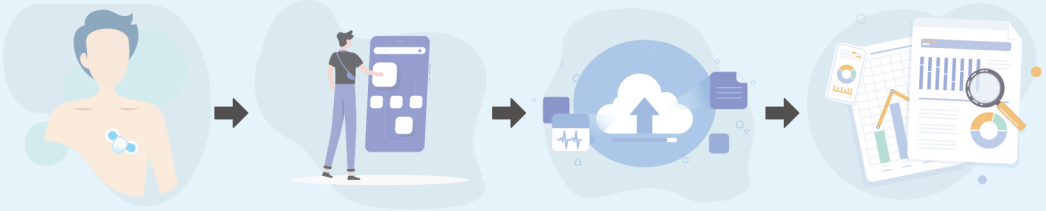
Comprehensive reports.
Better clinical decisions.

The solution: vCardio

A discreet, single-lead wearable ECG patch that provides clinically reliable, continuous rhythm monitoring from the comfort of home or during routine activities.

- Disposable patch, reusable sensor module
- Continuous ECG for up to 10 days
- Early detection of AFib,Bradycardia, Tachycardia, SVEB & VEB
- Symptom recording for contextual diagnosis
- Real-time alerts for lead-off & device disconnection

How vCardio works?



Apply patch on chest

Record ECG & symptoms via app

Upload data to cloud

Analyse reports (clinician)

Powered by AI.
Backed by science.