



BIOSEN

پژواک
سلامت
شریف

WWW.BIOSENGROUP.COM

ECG Patch

پچ نوار قلب

#1

Page 2

Smart ECG Analyzer

نرم افزار تحلیل سیگنال نوار قلب

#2

Page 3

Android Application

اپلیکیشن اندروید

#3

Page 4

Smartband

مچبند هوشمند

#4

Page 5

Future Products

محصولات آینده

#5

Page 6

ECG Patch

پچ نوار قلب



Key Specifications

- Single lead ambulatory ECG monitoring (up to 512 sps with 16 bit resolution)
- 3-axis accelerometer (50 sps with 8 bit resolution)
- Powered by ARM Cortex M4F
- 500 mAh battery capacity (up to 2 weeks of battery life)
- Real time streaming over Bluetooth Low Energy 5
- Micro-SD card support
- Lightweight and ergonomic design



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Smart ECG Analyzer

نرم افزار تحلیل سیگنال نوار قلب

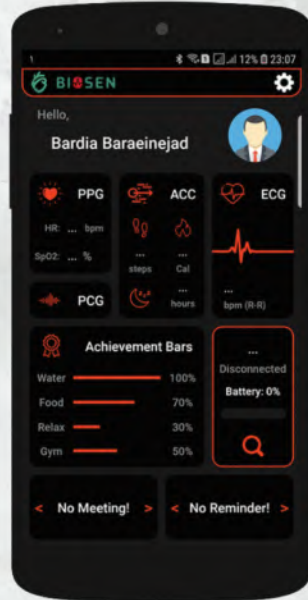
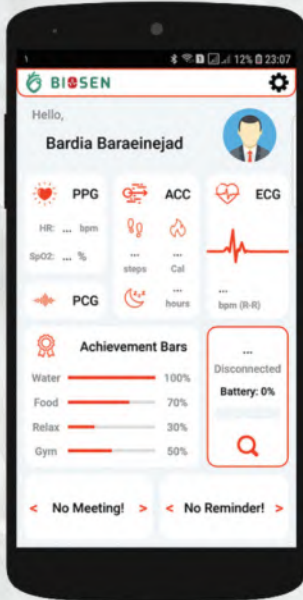


Key Specifications

- Web-based single lead ECG signal analyzer
- Usage of digital signal processing methods including filters (baseline wandering and powerline interference removals)
- 98.6% arrhythmia detection accuracy achieved on MIT-BIH dataset using artificial intelligence
- Accessible from <https://platform.biosengroup.com>
- All major internet browsers are supported (including Chrome, Safari, Edge, and Firefox)

Android Application

اپلیکیشن اندروید



Key Specifications

- View and record raw and filtered signals
- Android version 5.0 (Lollipop) and above are supported
- Available on Google Play

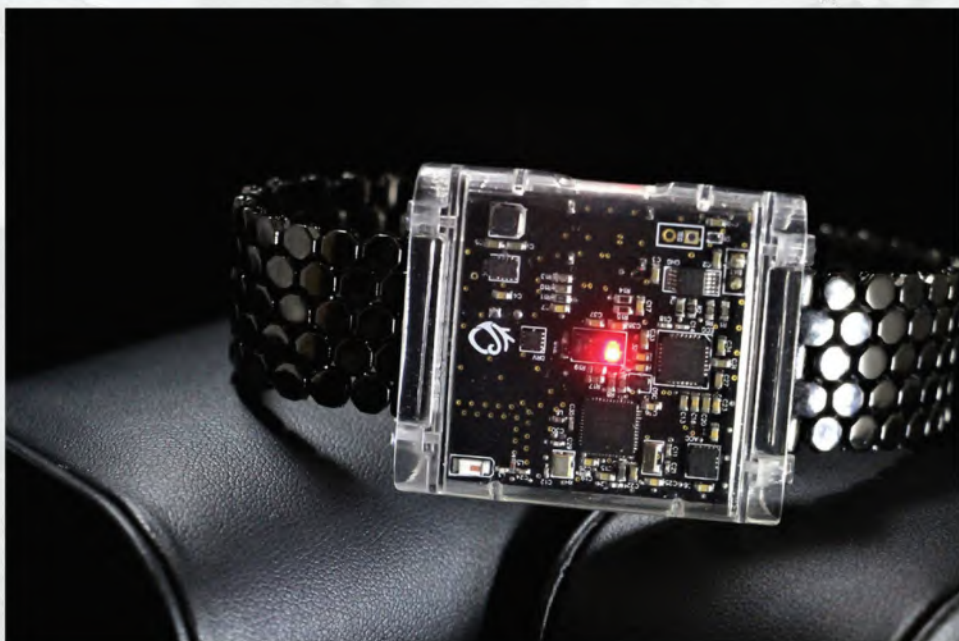




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Smartband

مچبند هوشمند



Key Specifications

- PPG sensor for SpO₂ and heart rate measurements
- ECG sensor (single lead by cable)
- 3-axis accelerometer
- Self-charging using Thermo-Electric Generator
- 150 mAh battery capacity

Digital Stethoscope and PCG Analyzer Platform

گوشی پزشکی دیجیتال و پلتفرم تحلیل اصوات

Mobile Cardiac Telemetry

دستگاه تله‌متری همراه نوار قلب

Dental Intraoral X-ray Sensor

سنسور عکسبرداری دیجیتال ایکس‌ری از دندان

Smart Cane for the Visually Impaired

عصای هوشمند مخصوص نابینایان



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