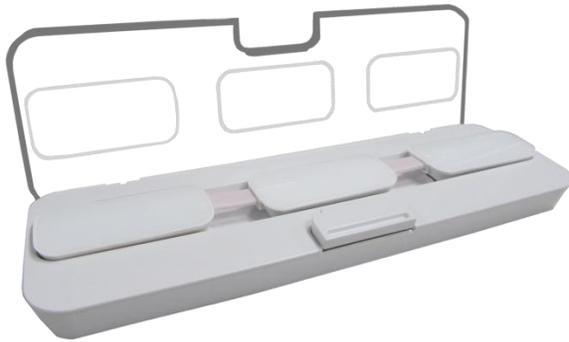


eKARDIA ECG HEALTH MANAGEMENT SYSTEM



Applications

- Telecare
- Nursing care center
- Health center
- Self-health management

Features

- Portable Lead I ECG monitoring
- 120hz Sampling rate for ECG with posture recognition
- Real time data stream via Bluetooth
- Support Serial Port Profile (SPP)
- Integration of smart phone App and ECG
- Unique ECG signal noise deduction design
- Allowing day-to-day activities while monitoring ECG
- Long term monitoring for diagnosis of arrhythmias

Specifications

eKARDIA SPECIFICATIONS

ECG Signal	Lead I
ECG Bandwidth	0.5Hz ~ 40Hz
Sampling Rate	120Hz
Output	Bluetooth V2.1 EDR with SPP
Heart Rate Measurement Range	30~200 beats/min

NOTE: Normal Heart Rate 60~100 beats/min

PHYSICAL CHARACTERISTICS

Unit Size (L x W x H)	227 x 32 x 11 mm (±1mm)
Weight	50 g (±0.5g)
Material	Plastic housing

ENVIRONMENTAL CHARACTERISTICS

Operational Temperature	0°C ~ +40°C
Storage Temperature	-20°C ~ +50°C

NOTE: Battery has separate operational and storage temperature limitations!

GENERAL CHARACTERISTICS

3-Axis Accelerometer	3-axis accelerometer with high resolution measurement
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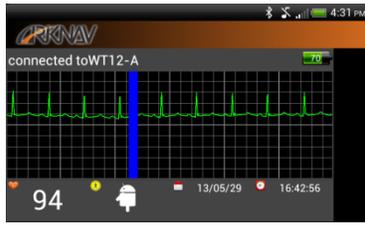
BATTERY CHARACTERISTICS

Battery	Lithium Cobalt Oxide Battery (320 mA)
Charging	Wireless charging through USB charging cradle (5V)

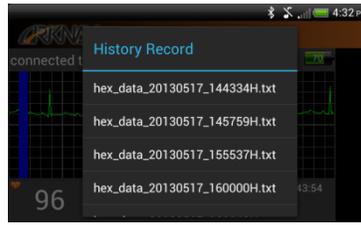
eKARDIA SOFTWARE

Application Support OS

Android 4.0.3 and above



Live ECG Monitoring



ECG History Records



Connecting eKardia Pad

INTERFACE – LED STATUS DESCRIPTION

Charging Indicator (Left LED)	Green	ON	Charge Complete
	Red	ON	Charging
	Orange	ON	Low Power
Operation Indicator (Center LED)	Blue	Blinking	Normal working mode
Wireless indicator (Right LED)	Blue	ON	Waiting for wireless BT connection
	Blue	OFF	Wireless BT connection established



Charging Indicator



Operation Indicator



Wireless Indicator

eKARDIA ACCESSORY

Electrode Adhesive Foam-Tape

3M™ Foam Monitoring Electrodes 2228