

NEW
High Resolution
3G mobile ECG

Step-by-Step
Voice Guidance



HeartView™

HeartView™ P12/8 Mobile High Resolution 12 or 8 Lead ECG Recorder/Transmitter for Personal Use

The HeartView P12/8 Mobile is a 12 (or 8) lead ECG event Recorder/Transmitter. It is a small yet very powerful device with high resolution 12-Lead ECG recording technology. The HeartView P12/8 Mobile is designed for patient use by its unique method of recording. The HeartView P12/8 Mobile enables the transmission of comprehensive ECG data from any place, at any time. The recorded ECG is automatically transmitted via cellular network to a cardiac call center for immediate diagnosis by using Aerotel's HeartLine Receiving Station (HRS) or any other compatible system.



HeartView™ P12/8 Mobile

High Resolution 12 or 8 Lead ECG
Recorder/Transmitter for Personal Use

The HeartView P12/8 Mobile allows

- Diagnosis of cardiac symptoms
- Remote monitoring of Chronic Heart patients
- Recording and Transmission of an ECG by patient or qualified person to a cardiac call center
- Cardiac analysis for clinical studies

Product Highlights

- Simplified recording procedure using 3-wire and 4 embedded electrodes
- Audio Instructions from the device's built-in speaker makes it easy to use
- High resolution ECG
- Records 12 or 8 Lead ECG (selectable)
- Records 10 seconds per lead, up to ten events
- Direct ECG data transmission over Cellular network
- ST segment recording capable
- Small, hand-held, battery powered



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Technical Data

Input Amplifier

Frequency Response: 0.05 - 150Hz
CMRR Ratio: >90dB (@ 50Hz/60Hz)
Input Range: ± 5 mV
DC Offset Correction: ± 300 mV
ECG Channel: 8 Leads or 12 Leads
Pacemaker Detection: Yes
Input Source: 3 wire patient cable + 4 chest electrodes

Sampling & Memory

A/D Sampling: 24 Bit @ 1000 Samples/Sec
Recorded ECG Resolution: 500 Samples/Sec; 16bit
Lead Recording Length: 10 sec for each lead
Storage Capacity: Up to 10 events
Memory Type: Flash
Real Time Clock: Time stamp for every event
ECG Indicator: Green LED

Signal Processing

High Pass Filter: 0.05Hz
Low Pass Filter: 150 Hz
Baseline correction: Yes

Cellular Transmission

Technology: HSPA/UMTS/EDGE/GPRS/GSM
Supported Bands:
EUR Version
• 2 Bands GSM/GPRS/EDGE 900/1800 MHz
• 2 Bands UMTS/HSPA 900/2100 MHz
US Version
• 2 Bands GSM/GPRS/EDGE 850/1900 MHz
• 2 Bands UMTS/HSPA 850/1900 MHz
SIM Type: Micro SIM
Antenna: Integrated 5 Band antenna
Indicator: Blue LED

Power

Battery Type: Lithium Ion 3.7V/850mAh
Charging: External charger (supplied)
Input: 100-240VAC, 50-60Hz, 0.2A Output: 5VDC, 2A
Low Battery Indicator: Yellow LED

Operating Conditions

Temperature: 5°C to 40°C
Humidity: 15% to 93% RH
Atmospheric Pressure: 700 hPa to 1060 hPa

Physical Specifications

Length: 109 mm
Width: 64 mm
Thickness: 34 mm
Weight: 130 gr.

