

**NEW**  
High Resolution  
3G mobile ECG

Step-by-Step  
Voice Guidance

SIM Card Inside



# 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



## Technical Data

### Input Amplifier

Frequency Response: 0.05 - 150Hz  
CMRR Ratio: >90dB (@ 50Hz/60Hz)  
Input Range:  $\pm 5\text{mV}$   
DC Offset Correction:  $\pm 300\text{mV}$   
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.

