

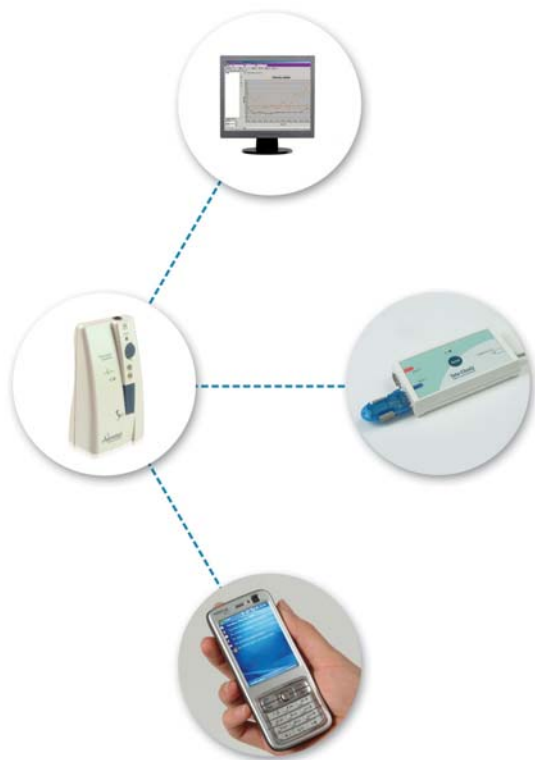
HeartLine

HeartView™ P-12/8 Plus & P-12/8 BT

12/8-Lead Personal ECG Recorder/Transmitter
Acoustic & Bluetooth®

User-Friendly 12 or 8 lead Electrocardiogram Recorder/Transmitter

This small, easy-to-operate ECG puts patients in control and provides physicians with a clear, comprehensive ECG recording. Operating the HeartView P-12/8 Plus requires very little effort. The patient simply records a 12 or 8 lead ECG by using a 3-wire patient cable and the four embedded electrodes on the back of the unit. The recorded ECG is then transmitted acoustically through a regular phone, or wireless via a mobile phone with a Bluetooth® port or an Aerotel Communication Hub to Aerotel's HeartLine Receiving Station (HRS) for immediate diagnosis.



Bluetooth Connectivity

Applications

- Diagnosis of cardiac symptoms
- Remote home/clinic monitoring of chronic heart patients

Features

- 3-wire cable and 4 embedded electrodes on back of unit
- Records 12 or 8 leads (selectable)
- Records 2.5 seconds per lead (4 seconds, optional) and 10 seconds of rhythm lead (Lead II)
- ST segment recording capabilities
- Various Transmission options:
 - Acoustically via regular telephone lines
 - Wireless via Bluetooth® port of a mobile phone
 - Wireless to Aerotel's communication hub via Aerotel's Bluetooth® Module
 - Wireless to PC with Bluetooth® port
- Battery powered
- No maintenance required
- Automatic device identification in wireless mode

Benefits

- Easy-to-use
- Small, portable & convenient
- Highest quality of ECG tracing
- Cost-effective
- Reliable wireless communication

Technical Data

Electrical Characteristics

ECG Channel: 8 Leads/12 Leads
 Frequency Response: 0.05 - 150Hz
 CMRR: >60dB Typical (@ 50Hz/60Hz)
 Input Range: $\pm 2.5\text{mV}$
 DC Offset Correction: $\pm 200\text{mV}$
 Sampling Rate: 375 Samples/Sec

Output

Modulation: FM Tone
 Center Frequency: 1900 Hz
 Frequency Deviation: 100 Hz/mV

Memory

Storage Capacity: One 12 Leads Recording
 ECG Indicator: Green LED flashes when event stored in memory

Power

Battery Type: 1x 9V Alkaline
 Battery Life: >500 recordings/transmissions
 Battery Life - BT model: >200 recordings/transmissions
 Low Battery Indicator: Amber LED flashes when battery is low

Physical Characteristics

Length: 109 mm
 Width: 64 mm
 Thickness: 34 mm
 Weight: 140 gr. (including battery)

Wireless

Technology: Class I Bluetooth Ver 2.0
 Range: 100 meter

Specifications subject to change without prior notice.
 FDA Cleared, CE Mark

Aerotel Medical Systems (1998) Ltd.

5 Hazoref St. Holon 58856, Israel
 Tel +972 3 559 3222
 Fax +972 3 559 6111
 info@aerotel.com



www.aerotel.com