

12 ch ECG



Wireless 12 Channel ECG

# CardioXP

## \* High Quality

- 7 Inch Wide, Color TFT(800x480)LCD
- Interpretation : Adult & Pediatrics
- Basic & Professional Diagnosis Level
- Beat report for detailed
- Analysis and Printing within 5 seconds

## \* Flexibility

- Compatible with EMR (HIS)
- XML/MFER Protocol Support
- File & Order Database
- Scalable Platform : Spirometer, ABP, Holter, Stress Test System

## \* User-friendly

- Wireless Patient Module
- Z-Fold Printer
- New Design with User friendly UI
- All Touch-screen
- Versatility - Rotate, Tilt, Wall Mount

## \* Data management

- Memory : Built-in(120 Events) & External (SD Card, USB)
- Free S/W upgrade by internet
- Remote Monitoring & Diagnosis



**Bionet**

# SPECIFICATIONS

<b>ECG Leads</b>	Simultaneous 12 leads resting ECG
<b>Recording Channel</b>	3CH+1RH, 3CH+3RH, 6CH+1RH, 12CH+1RH, 1CH 60second and Beat Report
<b>Sensitivity</b>	2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5) mm/mV
<b>Printing Speed</b>	12.5, 25, 50 mm/sec
<b>Sampling Rate</b>	500 samples/sec
<b>Filters</b>	AC (50/60 Hz, -20dB or better), Muscle (25~35Hz, -3dB or better), Base line drift (0.1Hz, -3dB or better), Low pass filter(off, 40Hz, 100Hz, 150Hz)
<b>Display</b>	800 x 480 pixel resolution, 7" Color TFT wide display 12 channels preview, ID, HR, Sensitivity, Speed, Date, Power status
<b>User Interface</b>	Touch screen, Rotary push-knob
<b>Printer Resolution</b>	Thermal print head, Z-fold paper Report paper - width : A4 (210mm) or Letter (8.5"), - length : A4 (290mm) or Letter (11") Resolution : 8dot/mm(0.125mm pitch)
<b>Patient data</b>	ID, name, age, birth, gender, height, weight, smoke, department, room number, race
<b>Basic Measurement</b>	Heart rate, PR, QRS, QT/QTc, P-R-T axis
<b>ECG Data Storage</b>	Internal Storage for 120 ECGs : Built- in memory
<b>Electrical</b>	Internal noise: 20uV(p-p)max Input circuit : floating input Input impedance: More than 10MΩ Input voltage range: ±5mV CMRR: Greater than 100dB DC offset voltage: ≥ ±300mV Time constant : 3.2 sec Patient leakage current: < 10uA Frequency response : 0.05 ~ 150 with in -3dB Isolated and defibrillation protected
<b>Signal Quality Control</b>	Pacemaker pulse detection Lead fault detection
<b>Line Power</b>	95 ~ 240 VAC, 50/60Hz, 60 VA max
<b>Battery Capacity [Li-Ion]</b>	Normal operation : 3 hours (approx. 300 ECG printouts) on 8 hours charge
<b>Communication</b>	RS-232C Serial port, LAN port, USB, SD Card
<b>Safety Conformity</b>	Class I, Type CF, KFDA, CE
<b>Environmental</b>	Operating temperature: 10 ~ 40°C Operating humidity : 30~85%RH Atmospheric pressure: 70 ~ 106KPa
<b>Dimensions</b>	300(W) x 299(H) x 123(D) mm , Approx.3.5 kg
<b>Standard Accessory</b>	Patient signal module(1 EA), Patient cable[11 Pin](1 EA), Data cable[8 Pin](1 EA), AC Power cord (1 EA), Limbs electrodes(1 SET), Chest electrodes(1 SET), ECG chart paper(1 EA), User's manual & ECG diagnosis guide (1 EA)
<b>Options</b>	Rechargeable battery(1 EA), Patient signal module cradle(1 EA), Wireless package[Pack & Dongle](1SET), Wall mount package(Panel & Guide bar)(1 SET), Disposable electrodes(1 SET), PC Software CD(1 EA), LAN Cable [Ethernet-RJ-45](1 EA), Cart(1 EA), Hanger(1 EA)



Main office: Bionet Co., Ltd.  
Tel.: +82-2-6300-6418 (Int'l)  
E-mail: sales@ebionet.com (Int'l)

Web: www.ebionet.com  
Tel.: +82-2-6300-6477 (Domestic)  
E-mail: yunms@ebionet.com (Domestic)



**Delrus Europe Kft.**  
Allee Corner Business Center  
Corner Tower, 4th floor  
Hungary, 1117 Budapest, Október 23. utca 8-10.

Tel.: +36 1 882-3579,  
Fax: +36 1 882-3501  
E-mail: delrus.e@delruseurope.com  
Web: www.delruseurope.com