PCECG-500 ECG workstation

PC operating environment :

Hardware:

CPU : Pentium CPU 1G Hz or better

Memory: 1G or better

Communication port : USB or RS232

Display : 1024*768 or better

Software:

Operation system : Microsoft windows XP/ Vista/ win7

Licensing type: USB dongle software license.

Modularized design (The relationship between four systems and modules)

Name of system		ECG Receiver	ECG Manager	ECG Vet Manager & Acquirer	ECG Manager& Acquirer
Type		PCECG-500(R)	PCECG-500(M)	PCECG-500(VM)	PCECG-500(A)
Brief introduction to the functions		Can receive ECG files from several ECGs and support a variety file format conversion, storage and output	Can receive ECG files from several ECGs, and manage files, such as register, edit, waveform review, analysis and measurement	Except for all the function of receiver and manager systems, it can also support real-time lead acquisition, display and analysis.	Except for all the function of receiver and manager systems, it can also support real-time lead acquisition, display and analysis.
Module composition	File receiver module	●	●	●	●
	Data management module for human		●		●
	Data management module for veterinary			●	
	Acquirer module			●	●
Connected device		ECG (human / vet)	ECG (human)	ECG (Vet) & collecting box	ECG (human) & collecting box
Standard configuration		Software CD, RS232 cable, Dongle(R)	Software CD, RS232 cable, Dongle(M)	Software CD, RS232 cable, USB cable, Dongle (VA)	Software CD, RS232 cable, USB cable, Dongle (A)
Options		Network converter	Network converter	Network converter	Network converter

PCECG-500
ECG workstation

PCECG-500

Main features

- Can be used in hospital, clinique, physical examination center, community health center and pet center
- Application of CSE and AHA database, reliable automatic measurement and analysis result
- One key operation to install USB drive software, database and PCECG-500 system
- 12-lead simultaneous acquisition and display
- High-precision electronic ruler, supporting adjustment and analysis of any measuring point.
- Up to 3600 seconds of ECG data can be stored, any 10 seconds can be picked out to analyze and print.
- Multiple, practical and user-definable ECG diagnosis dictionaries and modules
- Professional management database of 4G capacity, faster , safer and more stable
- 9 formats for option: XML, SCP, PDF, JPEG, DICOM3.0, HL7 aECG, WORD, BITMAP, MFER
- Multi-format printout of 12*1, 6*2+1 or 4*3+1 on A4 paper vertically or horizontally.
- Quick search function: the doctor can set all kinds of searching terms, convenient for patient data recording and statistics.
- Can be connected to PC and hospital network

CE 0123

carewell
health care

PCECG-500

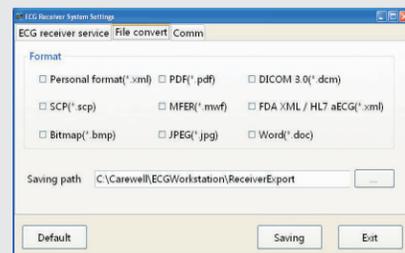## ECG workstation

PCECG-500
ECG WorkStation

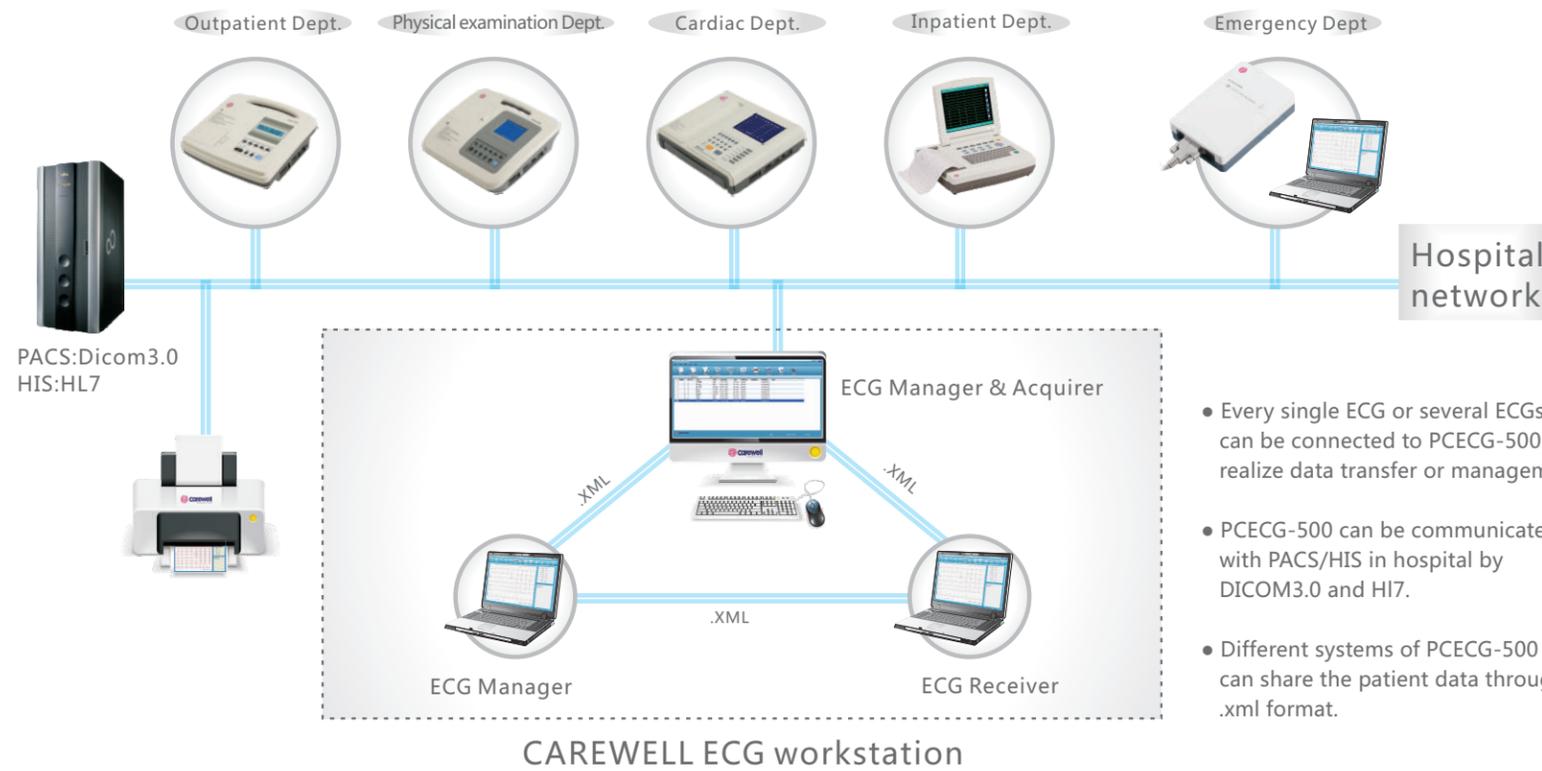www.carewell.com.cn

● Network management

Time-saving :
- Anytime, anywhere, fast collection for patient data
- One key installation

Labor-saving :
- Up to 9 kinds of output formats
- For patients: stay in the wards and take ECG examination
  For nurses: upload files by PCECG-500
  For doctors: to review, analyze and print out the report in the office
- Mass data storage capacity and long-time preservation

File convert setting

PACS:Dicom3.0
HIS:HL7

Outpatient Dept.   Physical examination Dept.   Cardiac Dept.   Inpatient Dept.   Emergency Dept

Hospital network

ECG Manager & Acquirer

.XML   .XML

.XML

ECG Manager   ECG Receiver

CAREWELL ECG workstation

- Every single ECG or several ECGs can be connected to PCECG-500 to realize data transfer or management.

- PCECG-500 can be communicated with PACS/HIS in hospital by DICOM3.0 and HI7.

- Different systems of PCECG-500 can share the patient data through .xml format.
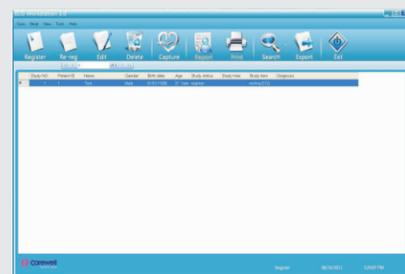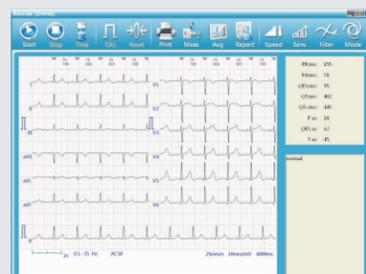
● Network management

Money-saving :
- A4 paper printout
- Fast and convenient second analysis on the network without printout
- Modulized design, four workstation systems for different ECG rooms
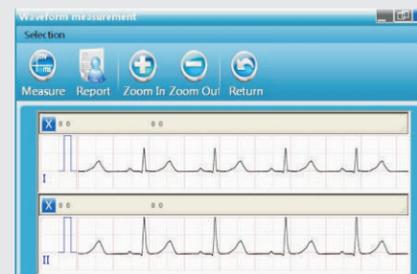- Flexible upgrading solutions by changing a dongle
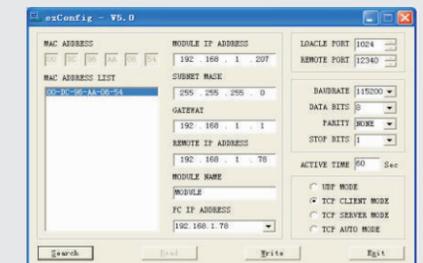
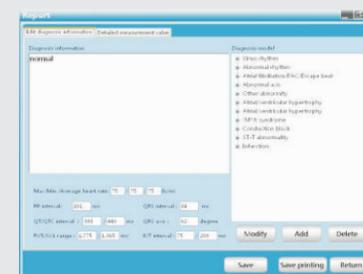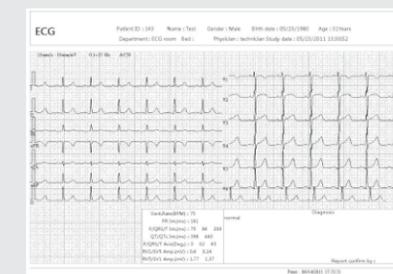Network convert setting

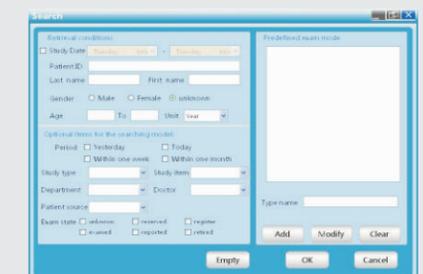Main interface   Acquisition interface   Measurement interface   Analysis & Diagnosis interface   Report interface   Search interface