

Net ECG Portal

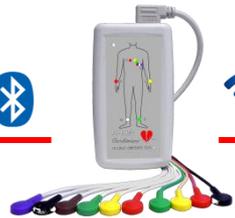
Amazon Web Server Cloud

2.) Licence: Username and password

Patient uploads the record to the portal



Android



1.) EC-12 RM



iOS

The record automatically synchronizes to the client PC



PC – 3.) Cardiospy software

-System requirements:

Processor: Min. Core 2 Duo or better, recommended: Intel Core™ i3 or better

RAM: Min. 2 GB, recommended: 6 GB

HDD: 200 GB (SATA II or newer)

Display: min. 19" display 1280x900 resolution, recommended dual 22" monitor 1920x1080 (Full HD) resolution

Printer: Laser or LaserJet (min. 15-20 pages/min)

OS: Windows Vista, Windows7, Windows8.1, Windows10 (32 and 64 bit) with Windows update enabled

- OS: 4.0 (Ice Cream Sandwich), or newer
- CPU: ARM or Intel processor, min. 2core, 1 GHz
- RAM: min. 1 GB, 2 GB recommended
- Bluetooth: Bluetooth interface with serial port profile enabled
- Wi-Fi: Internet tethering or external Mi-Fi hotspot
- Display: min. 1024x768 or 1280x720

OR

- OS: 7.0 or newer
- Phones: iPhone 4, 4S, 5, 5C, 5S: supported with internal or external hotspot. iPhone 6, 6 Plus, 6S, 6S Plus: supported with external hotspot only
- Tablets: Wi-Fi only; iPad 2,3,4, iPad Air 1,2, iPad Mini 1,2,3,4, iPad Pro: supported with external hotspot only. Wi-Fi+Cellular; iPad 2,3,4, iPad Air 1, iPad Mini 1,2: supported with internal or external hotspot. iPad Air 2, iPad Mini 3,4, iPad Pro: supported with external hotspot only
- Internal hotspot requires a working mobile data connection with personal hotspot function enabled

Introducing the NetECG

When purchasing Labtech's NetECG system, you will receive:

- 1.) **EC-12RM 12 channel recorder (Bluetooth or Wi-Fi type) with accessories**
- 2.) **Online licence key (username+password)**
- 3.) **Cardiospy PC software**

The system is very useful in the primary care for taking ECGs of patients in their home, away from the doctor's office.

The recorder is compact and easily portable and could work together with virtually any Android or iOS smartphone, or tablet. It is ideal for the doctor or the nurse to carry on home visits. Recorded ECGs can be sent immediately to any computer, including the doctor's office or a cardiology care centre, where they can be evaluated and appropriate action can promptly follow. A web interface allows anyone with a browser to view the ECG while detailed analysis can be carried out on a PC running Cardiospy for Windows.

In case of infrequently occurring symptoms, ECGs can be taken at various time points and can be easily compared. In some cases it could be beneficial to lend the recorder to the patients themselves, who could connect it to their own phones and transmit an ECG signal in case the symptoms occur. The operation of the system can be learned in a few minutes.

For additional portability and ease of use it is possible to record 6 ECG leads (I, II, III, aVL, aVR, aVF) using only 4 electrodes. The same recorder could be used in the office as a conventional PC-based ECG recorder, therefore this system could fulfill all needs for ECGs in the primary care.

Advantages over conventional ECG machines:

- Fully digital signal storage
- Records never fade and remain readable even after multiple years
- No need to purchase expensive thermal paper
- Searchable patient database
- Records of the same patient can be easily compared
- Easy sharing of records
- Connection to EHR systems using via the GDT, DICOM or HL7 interfaces

Specifications of Cardiospy Mobile (Android, iOS) software

- Simple, user friendly software with multiple functions
- Precise QRS classification
- Built in ST analysis
- Baseline; Main; Smoothing filter
- Real time ECG display
- 1x3; 2x3; 1x6; 2x6; 1x12 leads view
- Sending JPEG reports in e-mail, and telemedicine support
- Record uploading to Labtech NetECG Server
- Record viewer
- ECG amplitude, time measurement
- Patients database
- Continuous updating and developments
- Bluetooth and Wi-Fi communication
- 5-10-20s and long ECG recording
- Lead-off warning (indication of disconnected electrodes)
- Language: English

