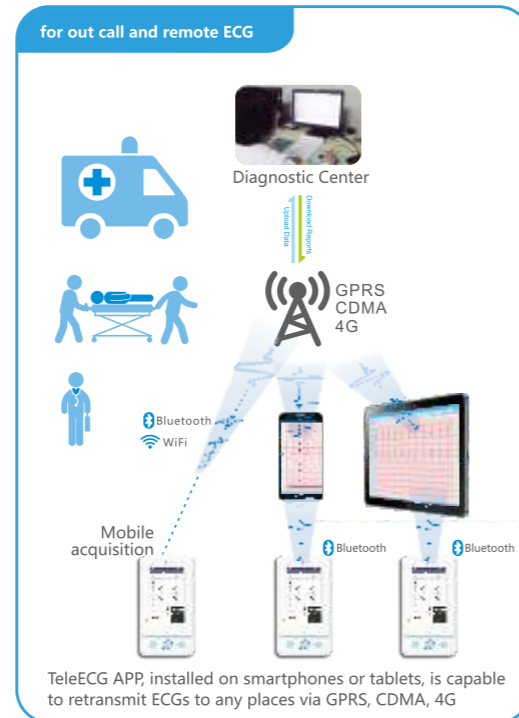
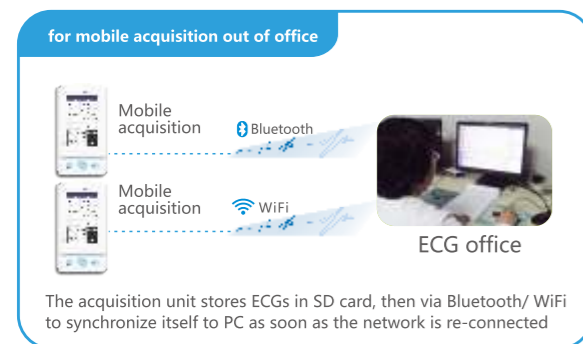
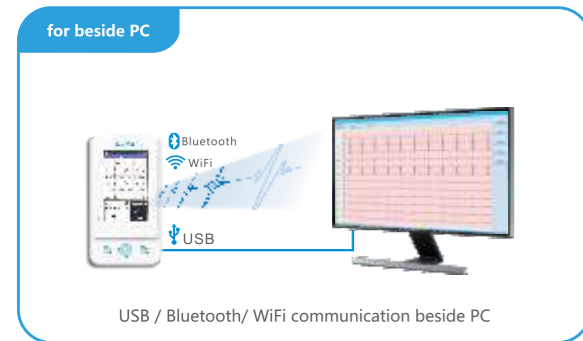


TeleECG Applications



New Generation ECG – TeleECG

Handheld 12-lead ECG with research grade performance and multiple advanced functions



TeleECG-12C

Technical Data

Channels	12
Mode	PC ECG/ Stress ECG*/ Holter ECG*
AD resolution	24 bit
Sampling rate	Up to 32,000Hz each channel
Time constant	≥3.2s
Frequency response	(0.05~250)Hz ^{+0.4dB} / _{-3.0dB}
Gain	2.5, 5, 10, 20mm/mV
Input impedance	≥10MΩ
Input dynamic range	±300mV
Offset voltage range	±300mV
Noise level	≤15μV _{p-p}
Filters	50Hz/60Hz filter: On/ Off Baseline drift filter: Strong/ Weak Low pass filter: 250Hz/ 150Hz/ 100Hz / 75Hz/ 45Hz/ 35Hz/ 25Hz
CMRR	≥110dB

Pacemaker detection	Pulse amplitude 2mV~250mV Pulse width 0.1ms~2.0ms
Defibrillation protection	Built-in
Data storage	Removable SD card*
Memory capacity	≤32GB
Display	Color touch screen 400X240 matrix LCD screen 128X128 matrix
Data communication	USB/ Bluetooth*/ WiFi*
Connection	PC, smartphone, tablet
Standards	SCP-ECG, XML, DICOM, HL7, GDT
Dimension	123X67X23mm
Weight	123g (battery not included)
Power supply	USB/ Rechargeable lithium battery*
Operating time	TeleECG-12C up to 24h (Holter mode*) TeleECG-12A up to 48h (Holter mode*)

Items with * are optional

Specifications are subject to change without notice

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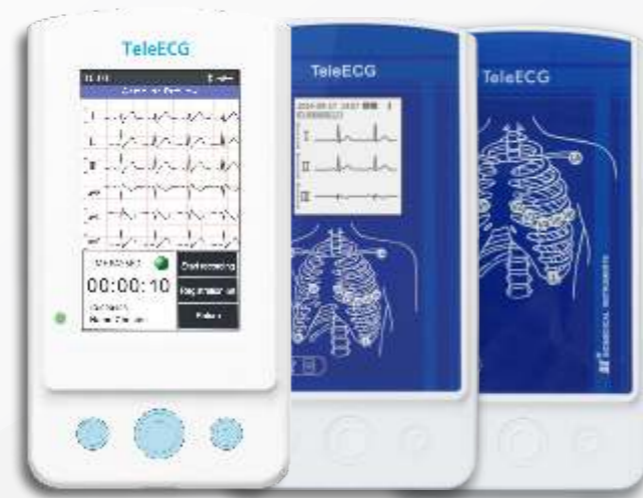


MEDGUARD[®]
Professional Healthcare Supplies

TeleECG Introduction

TeleECG is a new generation of ECG, all of the advanced technology you expect from Biomedical Instrument's in an ultra-portable, handheld device and the user-centered designed PC program. It is intended for large amount of work where ECG volume is high and speed and quality are paramount.

Just touch TeleECG-12C color screen and you can get to work – previewing, recording and uploading the ECGs. You can input patient data quickly and accurately. You can also download patient data and worklist requests from HIS by means of standard formats like HL7 or DICOM modality worklist. Every detail of TeleECG is designed to streamline ECG workflow.



TeleECG-12C Color Touch Screen TeleECG-12A LCD Display TeleECG-12D without LCD

TeleECG-12C Features

- PC ECG/ Stress ECG* / Holter ECG* 3-in-1
- Automatic measurement and interpretation
- Quality waveform for precise diagnosis
- Fast entry via color touch screen
- Large capacity SD card for mobile acquisition
- USB/ Bluetooth* / WiFi* communication

The features of TeleECG-12A and TeleECG-12D are the same as above except the screen

Items with * are optional

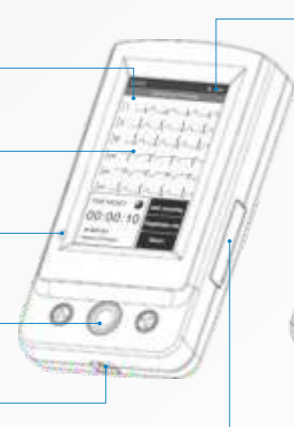
Color touch screen for fast and accurate entry of patient data

Improved filters provide optimal waveform quality

Indicator suggests status

Three buttons provide additional operation option

USB interface for data transfer and battery recharge



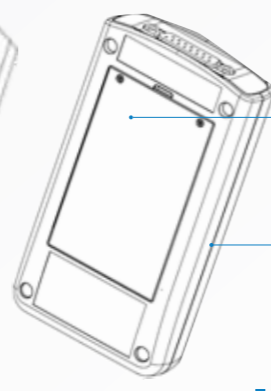
TeleECG-12C

Bluetooth/ WiFi synchronizes itself to PC as soon as the network is re-connected

Rechargeable lithium battery guarantees continuous operation for more than 24 hours (Holter mode)

Compact size of 123*67*23mm and lightweight of 123g for mobile acquisition

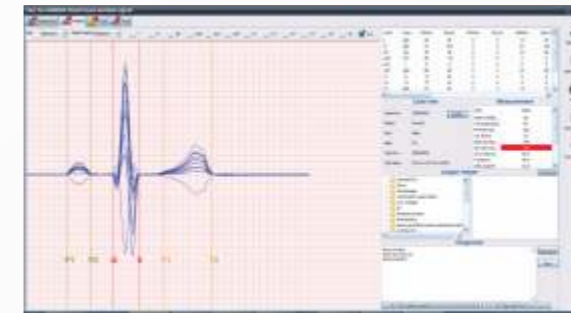
SD card stores up to 10,000 rest ECGs



TeleECG Software

With practical tools consisting of simultaneously 12-lead ECG acquiring, spectrum ECG*, HF ECG*, QTd*, HRV*, pacing ECG, VECG, TVCG*, VLP*, etc., TeleECG provides fast, precise and reliable interpret for physician's diagnosis.

Items with * are optional



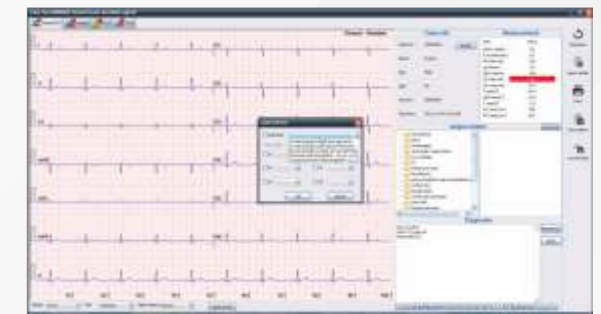
↑ TeleECG displays the averaged beat of up to all 12 leads and marks the wave points, which are revisable. A system evaluation, based on tabular measurement values, is automatically created on this interface.



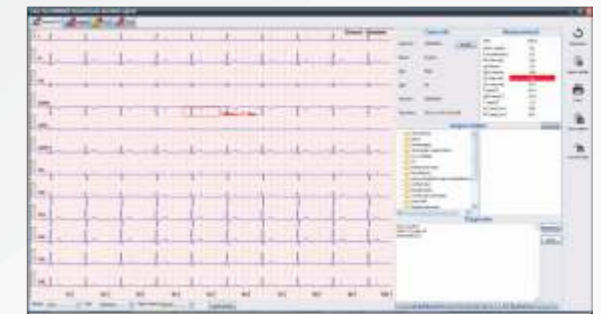
↑ TeleECG supports automatic and manual operation. In the former mode, the ECG acquisition automatically stops after reaching preset time span and interprets. In the manual mode, it continues recording up to 10 hours.



↑ The comprehensive patient case management supports quick retrieve, query or combined query, delete, modification, backup, restore and update.



↑ TeleECG automatically detects lead placements. Misplaced leads can be corrected manually by physicians.



↑ TeleECG offers different ECG display modes, manual adjustable wave points and Jargon helper for quick diagnosis.

→ Base on the idea "what you see is what you get", you can print the same ECG showed on screen. Personalized reports can be customized on site according to customer's requirements.

