

Expert of telemedicine



Telemicine



Remote diagnosis



Ambulatory diagnosis



Holter ECG



Patch ECG
Single channel real-time monitoring



Telemetry Holter ECG
12 channel real-time monitoring



Resting ECG Machine



Cloud Platform



Patient Monitor



Holter system

CCEI3, CCEI12, CCEI3Plus, CCEI12Plus

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RENCARE CO.,LTD

>> Highlights

- Compact and portable design
- Support 3/12 -Channel ECG recording
- Sampling rate up to 1024Hz/bit
- Up to 96 hours 12-Channel ECG recording or 7 days 3-Channel ECG recording
- Algorithm tested by MIT and AHA database with accuracy up to 99.9%
- Real-time detection and display of pacemaker pulse
- Support Event Mark

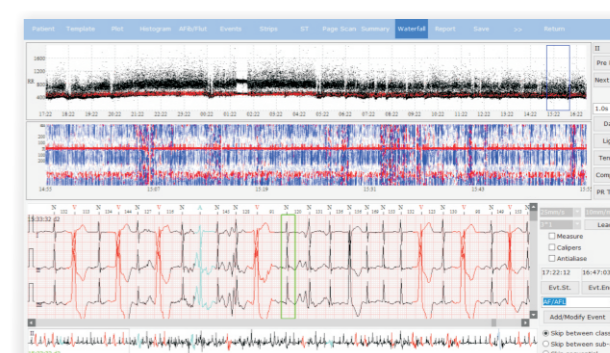
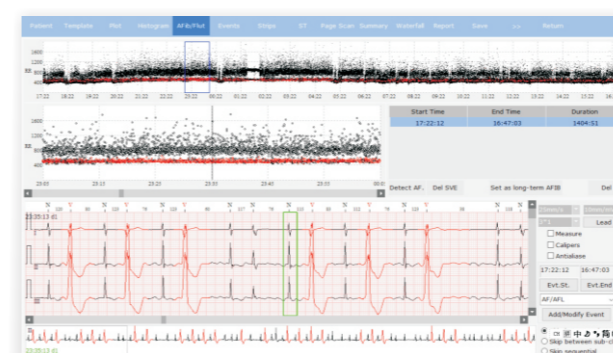
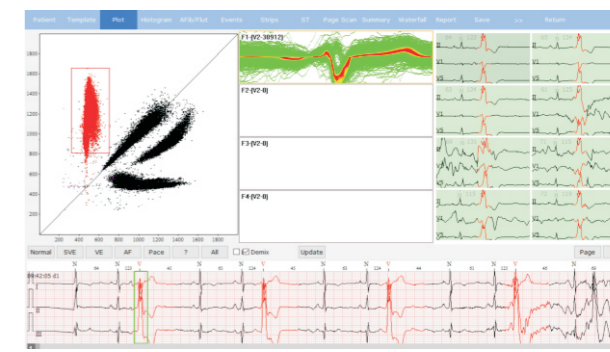
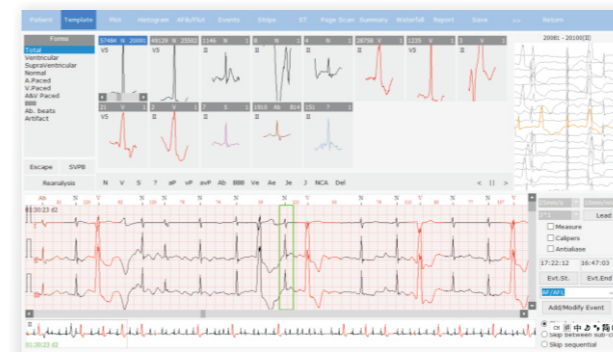
>> Specification

- Weight: 50g±5g (without battery)
- Dimension: 70*55*16mm(±2mm)
- Storage: 8G micro SD card
- Battery: 1* AAA alkaline battery
- Display: 1.3 inches OLED screen, 128*64 dot matrix (i3plus/i12plus)
- Recording time: 1~7 days
- Data transfer: Hi-Speed USB2.0, SD card-reader
- Regulatory compliance: CE Marked, ISO 13485 Certificated
- Number of ECG channel: 3 or 12 channels
- A/D Resolution: 16bits
- Sample rate: 1024 samples/channel/second
- Input dynamic range: ±5mV
- Input impedance: ≥10MΩ
- CMRR: ≥80dB
- Offset voltage range: ±300mV
- Frequency response: 0.05~60Hz
- Pacemaker pulse detection: Yes
- Pulse width: 0.1~2ms
- Pulse amplitude: 2~200mV
- Event mark: Yes

>> Order Information

| | CCEI3 | CCEI12 | CCEI12Plus | CCEI12Plus |
|----------------------|-------|--------|------------|------------|
| 1.3'inch OLED screen | ○ | ○ | ● | ● |
| 3 Channel | ● | ● | ● | ● |
| 12 Channel | ○ | ● | ○ | ● |

>> Software



Basic Function

| | |
|--|---------------------------------|
| E-Registration | Page Scan analysis |
| Pacemaker detection | ST segment analysis |
| Atrial fibrillation and flutter analysis | Template edit and analysis |
| Trend analysis | QT dispersion |
| Event analysis | Heart rate variability analysis |
| Event mark record | Different scatter plot analysis |

Advanced Function

| | |
|---------------------------------------|-----------------------------------|
| Heart-rate turbulence (HRT) analysis | T wave alternation (TWA) analysis |
| Obstructive sleep apnea(OSA) analysis | Late Potentials(SAECG) analysis |
| Vectorcardiogram (VCG) analysis | FCG analysis |