



深圳市中豪生物电子有限公司
Sino-Hero (Shenzhen) Bio-Medical Electronics Co., LTD.

SC60

Central monitoring system



- Connected to max 66 bedside units at the same time
- Combined seamless networking: wire, wireless LAN
- Complete ward at a glance: real-time 32 patients display with 66 waveforms per station
- 240 hours patient data, 96 hours full disclosure and up to 30,000 patients' historical data storage and review
- User friendly Windows style interface
- HL7 data transfer available to hospital clinical information system
- Smart monitoring management



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SC60 Central Monitoring System



Feature

- Connected to max 66 bedside units at the same time
- Combined seamless networking: wire, wireless LAN
- Complete ward at a glance: real-time 32 patients display with 66 waveforms per station
- 240 hours patient data, 96 hours full disclosure and up to 30000 patients' historical data storage and review
- User friendly windows style interface
- Smart monitoring management

Technical specification

- In accordance with IEC60601 standard
- Power Supply: AC 100-120/200-240V, 50/60Hz

Basic Configuration

- Intel Pentium IV 2.4G CPU or above
- 256MB RAM or above
- Windows 7, Windows XP or Windows 2000
- 80 GB Hard Disk or above 40 x CD-ROM or above
- 17" TFT, Resolution: 1280 x 1024, 75Hz non-interlaced Scanning
- VGA/DVI output video card (Dual-Screen option require two video out put)
Computer configuration could be defined and upgraded.

Network management

Wire connection:

- TCP/IP protocol
- 10/100 Base-T Ethernet
- Connected to M Series and S Series Patient Monitor
- Connected bedside unit number: up to 66 bedside monitors
- Connection can use the available network system of the hospital

Wireless connection:

- Working frequency band: 433.92MHz
WiFi 2.4G AP
- The reliable clear view distance indoors is 30 meters in semi-diameter. with relay station reaches above 1000 meters
- Can collect and display all physiological parameters and show 3 waveforms measured by bedside unit
- Connected bedside unit number: 433.92MHz up to 16 bedside monitors
WiFi 2.4G AP up to 66 bedside monitors

Performance

- Waveform: ECG(I, II, III, a VR, a VL, a VF, V1-V6) RESP, CO₂, IBP1, IBP2, SPO₂
- Parameter: HR, RR, NIBP, IBP, SPO₂, PR, TEMP, CO₂(EtCO₂, FICO₂), Anesthetic Gas(O₂, N₂O, 5AA), ICG(C. I.)
- Sweep speed: 12.5mm/s, 25mm/s, 50mm/s user – adjustable

- View bed: Up to 64 waveforms for 32 bedside monitors(dual-screen display)
- Possible to select required beds and automatically align the screen windows
- All waveform presentation for one patient
- Oxy CRG display
- 7-leads or 12-lead ECG waveform display
- Waveform frozen
- Remote Monitor Control
- Bi-directional communication
- Central Unit able to remotely control the bedside unit to measure BP

Alarm

- Alarm limits can be set up for all parameters
- Visible and audible alarms are provided for exceeding the limit of: HR/RESP/SPO₂/PULSE/BP/TEMP/CO₂
- Alarm waveform saves all the physiological parameters and waveforms before and after alarm
- Arrhythmia alarm
- Support input and output alarm data.

Review information

- 96 hours holographic ECG waveform storage and replay
- 240 hours trend data storage and replay for each bedside unit
- 1000 records of alarm messages storage and replay for each bedside unit
- 30000 history patient monitoring information

Calculations

- Drug calculation and titration table
- 17 types of arrhythmia analysis

Language

- English/German/French/Spanish/Chinese/Czech/Turkish/Italian/Greece/Poland/Portuguese and so on

Working Mode

- Wire SC60 I (Below 16 beds)
- Wire SC60 II (17beds to 32 beds)
- WiFi2.4G AP Wireless SC60 I WF (Below 16 beds)
- WiFi2.4G AP Wireless SC60 II WF (17 beds to 32 beds)
- WiFi 2.4G AP Wireless SC60 III WF (33 beds to 66 beds)

Option

- Dual Screen Display
- HL7 Output

* Specification subject to be changed without prior notice.