

CONTEC™



CMS9000V3.0

Central Monitoring System

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ViaMed®

CMS9000V3.0

The central monitoring system is responsible for collection, processing, analysis and output of monitoring information sent by multiple bedside monitors, achieving centralized monitoring of the situation for the patients using patient monitor in hospital.

Performance

- ◆ User-friendly in interface, clear in function and structure, convenient to operate, and the number of bedside monitors(2, 4, 8, 16, 32) can be switched freely.
- ◆ Up to 64 bedside monitors can be connected, stable in network and smooth in waveform display.
- ◆ Real-time display and storage for 14 waveform information of nine modules(ECG, SpO₂, NIBP, RESP, TEMP, CO₂, IBP, CO, HOCUS) and multi-parameter sent by each bedside monitor, comprehensive in information display. And it can keep synchronous with the bedside monitor.
- ◆ Powerful data review and analysis function, including waveform, trend, alarm, CO, NIBP and SpO₂ review, which provides data support for diagnosis.
- ◆ Mass data storage, storage of 64-channel trend data within 240 hours, 64-channel holographic waveform within 72 hours, 720 alarm information(parameter, waveform and alarm level when the alarm occurs) of 64-channel, 10000 historical case data and the latest 24-hour of each channel holographic waveform.
- ◆ Audible and visible alarm function, to remind doctor to timely and accurately process the alarm information.
- ◆ Optional languages: Chinese and English.
- ◆ Central monitoring system conglomeration function: the bedside monitor can be monitored by several central monitoring systems in different position in hospital by its data forwarding function. Any several central monitoring systems can be composed to a monitoring network, and one monitoring system can be configured to observe the bedside monitor information of several monitoring systems.
- ◆ Reports can be printed and converted to PDF files by virtual printer.
- ◆ Display 12-lead ECG waveform on one screen,
- ◆ Be compatible with all monitors which meet CMS protocol.
- ◆ Fetal monitoring version is optional. Fetal monitor and Maternal/Fetal Monitor are optional.
- ◆ Up to 32 bedside monitors can be observed simultaneously by the optional dual-screen display, and 16 bedside monitors for one screen. Single patient data can be reviewed and analyzed by one screen.
- ◆ Quick swap bed function, bedside monitors group displayed in one screen can be configured at the central station, waveform and parameter information of similar patients can be observed contrastively.
- ◆ Bidirectional communication function, it can set the parameters(such as alarm switch, alarm level, upper and lower limit of parameter, analysis switch) for each bedside monitor, control bedside monitor to measure blood pressure(the premise is that the bedside monitor supports the function).
- ◆ Automatic data storage in case of power failure(optional, UPS is necessary).
- ◆ Connect with PACS, achieves information sharing and exchange.
- ◆ Network mode: 3G, WLAN. In network coverage area, all monitors can be connected with the central monitoring system.

Features

- ◆ Centralized monitoring for multi-bed
- ◆ Major monitoring of individual-bed
- ◆ Waveform review
- ◆ Trend review
- ◆ SpO₂ analysis
- ◆ History review
- ◆ NIBP review
- ◆ Alarm review
- ◆ NIBP remote measurement

