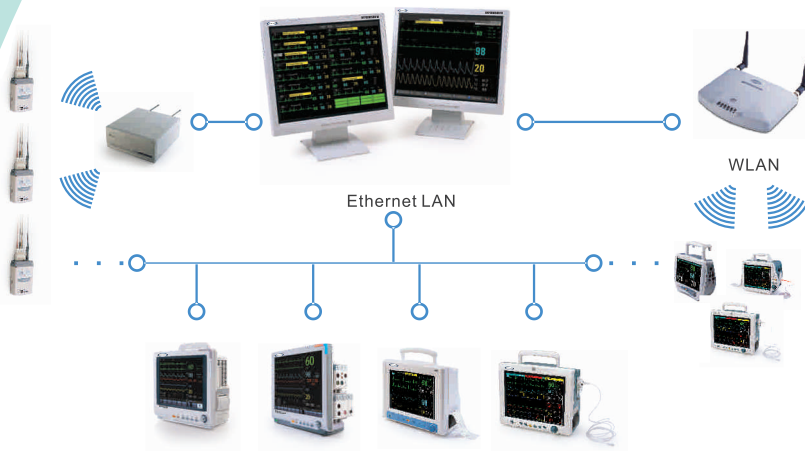
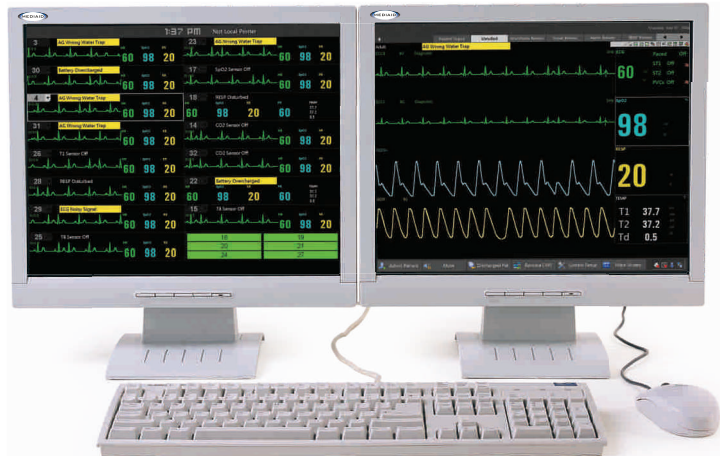




# Mediaid Central Monitoring System



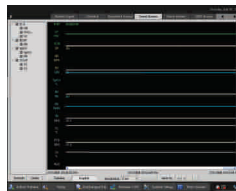
## Key Features

- Capable of monitoring 32 patients, expandable to 64 patients with one Central Monitoring Station
- Multiple CMSs can be interlinked with each other, and patients within a CMS can be viewed from any other CMS by proper authorization
- CMS viewer enables you to view patients from personal computer in your office or anywhere within the network
- Clinical support tools include real-time trend display, tabular and graphic trend review, and calculations tools
- Up to 72 hours of 256 channels of full disclosure waveforms, which can also be changed to 240 hours of 64 channels
- Screen layout and functionality can be customized according to your clinical need
- Bi-directional control improves care team's efficiency
- Dedicated HL7 data output to hospital Clinical Information System
- ADT interface makes admit, discharge and transfer of patients more convenient

## Storage Capacity



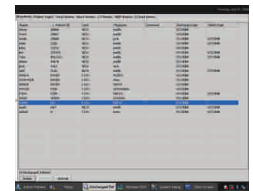
Waveform Review  
240 hours of 64, or 72 hours  
of 256 full-disclosure waveforms



Trend Review  
240-hour trend graph review



Alarm Review  
720 alarm records



History Review  
20,000 patient historical data



# Mediaid Central Monitoring System

## Technical Specifications

### Safety

Safety: Meet the IEC60950 requirements defined for ITE 240 hours trend review for each bedside monitor equipment, and comply with CE low voltage directives 720 items parameters alarm review for each bedside monitor (LVD) and EMC directives.

### Operation Environment

AC Powers: 100-127/200-240V 6A/3A  
UPS: 1000W  
Temperature & Humidity: Each component of the CMS must work under the specified environment

### Hardware Configuration

Display: Standard 19", 17" and 21" compatible  
Number of displays: 1 or 2 (optional)  
Recorder: External thermal array, serial port  
Printer: LaserJet, supporting A4 & letter paper  
Base  
Waveform: ECG(I, II, III, aVR, aVL, aVF, V1-V6), PLETH, RESP, CO<sub>2</sub>, IBP, AG, O<sub>2</sub>, N<sub>2</sub>O, ICG, RM, BIS  
Parameter: HR, ST(I, II, III, aVR, aVL, aVF, V1-V6), RR, PVCS, NIBP, IBP, SpO<sub>2</sub>, SvO<sub>2</sub>, PR, TEMP, TB, EtCO<sub>2</sub>, Multi-gas, O<sub>2</sub>, N<sub>2</sub>O, CO<sub>2</sub>, ICG, RM, BIS  
Trace: Up to 64-waveform presentation  
Sweep Speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s  
Indicator: Alarm sound, Alarm text information  
Alarm: User-adjustable High and Low limits; 3-level audible and visual alarm

### Viewbed

All waveform presentation for one patient  
4 hours of dynamic short trend display for all parameter  
Multi-leads ECG waveform display  
OxyCRG display  
Waveform frozen

### View Others

View other beds connected to the target CMS

### Remote Monitor Control

Bi-directional communication

### Network Management

Ethernet 802.3  
Connected bedside number: up to 64 bedside monitors

### WLAN Access Points

Resistant to interference  
100M Base-T Ethernet  
Redundant coverage

### WLAN

IEEE 802.11b/g compliant  
2.4000 ~ 2.4835 GHz RF  
11Mbps / 54Mbps transmission rate

### Review

240 hours trend review for each bedside monitor  
720 items parameters alarm review for each bedside monitor  
720 NIBP measurements review for each bedside monitor  
720 CO measurements review for each bedside monitor  
240 hours of 64, or 72 hours of 256 full-disclosure waveforms store and review  
720 12-lead analysis results for each bedside monitor, 12 analysis waveforms for each analysis results  
Maximum 20,000 history patient monitoring information  
Review information print and export

### Calculations

Drug calculation and titration table  
Hemodynamic calculation  
Oxygenation calculation  
Ventilation calculation  
Renal calculation

### Record Contents

8/16/32 real time recording  
Real-time continuous waveform recording  
Freeze waveform recording  
Alarm stripe recording  
Real-time alarm recording  
Wave review recording  
12-lead analysis review recording  
Calculations(Drug, hemodynamics, oxygenation, ventilation and renal)recording Patient information recording

### Print contents

Patient information  
Trend graph/table  
Wave review  
Alarm events  
CO measurements, NIBP measurements  
Calculations(Drug, hemodynamics, oxygenation, ventilation and renal)  
12-lead analysis review

### Configuration

Options: Recorder; Printer; UPS

Mediaid Central Monitoring System provides a complete solution for LAN, wireless LAN and Telemetry networking in hospital. Combining effective and flexible monitoring with sophisticated clinical support tools and intuitive user interface, Mediaid CMS improves working efficiency and helps you to care more for patients. Based on Microsoft Windows® platform, working with Mediaid CMS requires no additional computer expertise.

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