COMEN

CENTRAL MONITORING SYSTEM STAR 8800

SPECIFICATION

Monitor up to 16 bedside monitors on a single display and 32 bedside monitors on dual displays
Connect up to 64 bedside monitors
12 waveforms per monitor, OxyCRG, Arrhythmia & trend review
Supports up to 5,000 hours full disclosure waveforms, namely ECG, Resp., SpO_2, IBP, $EtCO_2$
Historical patient database enables data review for more than 20,000 discharged patients
Bi-directional communication & control of patient information, NIBP measurements & alarm limits
Adjust ECG leads, gain, sweep & filters
Stable for wired and wireless networking

Call our toll free number 1800-209-9003 or write to us at teamgehc@ge.com
www.gehealthcare.in

SPECIFICATIONS

SAFETY

Meets the IEC60950 requirements defined for ITE equipment, and complies with CE low voltage directives (LVD) and EMC directives

OPERATION ENVIRONMENT

AC power: 110V 60Hz / 220V 50Hz
UPS: Optional
DC power requirements: Optional
Temperature & humidity: Each component of the CMS must work under the specified environment

DATA STORAGE

Supports up to 5000 hours full disclosure waveforms (ECG, RESP, SPO_2, IBP, $EtCO_2$ based on 500GB HHD)
Historical patient database enables data review for more than 20,000 discharged patients
Supports up to 5,000 hours trend review

COMPUTER CONFIGURATION

OS: Windows XP, Windows 7, Windows 8
Display: Standard 19"
Optional: 17", 21.5", 22" compatible
Dual-screen: Optional (for 32 beds)
Aspect ratio: 16:10, 5:4, 4:3
Printer: Laser-jet, supporting A4, A5 & 16K paper
CPU: Intel dual-core 3GHz
RAM: 2GB
HDD: 500GB
VGA card: Graphics (Single/Two/Four VGA or DVI output), 256M or independent memory
NIC: 10M/100M/1000M self-adaption Base-T, Ethernet 802.3, RJ45 port
Sound card: Intel high quality audio card.
One or more serial ports (COM)
Two or more USB ports
Mouse/Keyboard

WLAN

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

WLAN ACCESS POINTS

Resistant to interference
100 Base - T Ethernet
Redundant coverage

PRINT CONTENTS

Patient information
Trend graph/table
Wave review
Alarm events
NIBP measurements
12/7-lead real-time waveform

NETWORK MANAGEMENT

Ethernet 802.3
Connected bedside number: Up to 64 bedside monitors

BASE

Waveform: ECG (I, II, III, aVR, aVL, aVF, V1-V6), PLETH, RESP, CO_2, IBP, AG, O_2, ICG, BIS
Parameter: HR, ST, RR, PVCS, NIBP, IBP, SPO_2, RESP, PR, TEMP, $ETCO_2$, AG, O_2, C.O., ICG, BIS
Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Indicator: Alarm sound, Alarm text information
Alarm: I-Klok™ intelligent alarm system, User-adjustable High, Mid and Low limits

REMOTE MONITOR CONTROL

Bi-directional communication
NIBP measurement and settings and alarm settings can be initiated from CMS

REVIEW

Long-term trend review for each bedside monitor
Long-term parameters alarm review for each bedside monitor
Long-term NIBP measurements review for each bedside monitor
Long-term full-disclosure waveforms store and review

CALCULATIONS

Drug calculation
Titration table
Hemodynamic calculation
Oxygenation calculation
Ventilation calculation
Renal calculation

VIEW BED

Upto 12 waveform presentation for one patient
2 hours of dynamic short trend display for all parameter
Multi-leads ECG waveform display
OxyCRG display

GE Healthcare are distributors of Comen monitors in India