High-performance vital signs monitor for the OR and intensive care environments

The GE CARESCAPE B850 Patient Monitor is a high-acuity monitor with various parameters to help clinicians assess the adequacy of anesthesia in the operating room. Manage patient flow efficiently with the monitor's data continuity and integration across care areas.

Features:

- High-performance vital signs monitor for use in the operating room or intensive care environments.

- Specifically-designed airway modules provide for complete respiratory monitoring with gas exchange measurement.

- Integrated connectivity protocols enables bedside access to labs, X-rays, charting and other data.

- Patient data module provides consistent, hemodynamic measurement during intra-hospital transport and transfers trend data.

- Innovative algorithms aid in accurate diagnoses: including GE EK-Pro, GE DINAMAP non-invasive blood pressure, and 12 SL diagnostic ECG with direct 2-way MUSE communication.

- Auto View on Alarm (AVOA) automatically shares high priority alarms within the care unit.

- High-definition visualization of real-time and historic patient data, for beat-to-beat and breath-to-breath trending.

- Integration with the Aware Gateway enables communications to EMR system through standard HL7 protocol.

- Displays eight to 14 waveforms and up to 22 parameter boxes based on caregivers and patients needs.

- Integrated USB port allows for a keyboard, mouse, barcode readers and other data entry device attachment.

- Knob control and optional hard keys provide one-touch activation of key features.

- Dedicated software and parameters for the OR, PACU, CCU, NICU and ED care areas make it easy to configure work patterns.

Specifications:

CPU

- Dimensions: 3.6 in H x 15.8 in W x 13.4 in D (9.1 cm H x 40.1 cm W x 34 cm H)
- Weight: 16.5 lbs (7.5 kg)
- Power consumption: 300 Watts (max)
- Power requirements: 100 to 240 VAC, 50 - 60 Hz
- Heat dissipation: 1024 BTU/hour (max)
- Processor: Intel 423 embedded
- Degree of protection against harmful ingress of water: IPX1
- I/O Connectors
- Ethernet: 2 RJ45 for CARESCAPE Network MC and CARESCAPE Network IX
- E-Port/Tram-Net®: 2 DB9F for CARESCAPE Patient Data Module, Frame or Tram-Rac®
- Serial port: 2 DB9M
- Video: 1 DVI-I, 1 DVI-D
- Optional video: 1 DVI with optional third video card
- USB port: 4 USB 2.0 standard
- M-port: 4 RJ45

Software Options

- Main software: Care-area specific software versions to optimize workflows — OR, PACU, CCU, ED, NICU
- Other software options: Extended software options specific to each main software package
- Upgradeable with the CARESCAPE Life Upgrade Program

Networking

- Compatibility: CARESCAPE Network
- Features: Peer-to-peer communication with AVOA functionality, centralized viewing and remote alarm management
- Network type: LAN

Environmental

- Operating temperature: 50 to 95°F (10 to 35°C)
- Storage/transport temperature: -4 to 140°F (-20 to 60°C)
- Operating humidity: 15 to 90% (non-condensing)
- Storage humidity: 10 to 90% (non-condensing)
- Operating altitude: 700 to 1060 hPa; 3011 to -382 meters
- Storage/transport altitude: 500 hPa to 1060 hPa; 5,572 to -382 meters