

TECHNICAL SPECIFICATION:

Main Unit

Size and Weight

- Size: 434mm x 389mm x 206mm
- Weight: <11kg
- Standard module slot: 4
- Additional module rack Slot: 1
- Power supply:
 - Power Voltage: AC 100-240V 50/60Hz
 - Power Input: 1550VA
 - Input Current: 1.7~3.5A
 - Safety class: Category I

Display

- 17" Color Anti-glare TFT-LCD
- Resolution: 1280 x 1024 pixels

Battery (Option)

- Type: Rechargeable Lithium battery, 11.1V/4.0AH
- Operating time under the normal use and full charge: >40minutes (2 batteries for 120 minutes)
- Method: Thermal cut array
- Paper width: 50 mm (1.97 in)
- Paper length: 15m
- Paper Speed: 12.5 / 25 / 50 (mm/sec)
- Tones: Maximum 3 tracks
- Recording way: Real-time recording, Periodic recording, Alarm recording

Alarm

- Level: Low, medium and high
- Indication: Auditory and visual
- Patient Physiological Alarm Light color: Yellow & Red
- Equipment Technical Alarm Light color: Blue
- Supports Pitch Tone and multi-level volume
- Supports custom arrhythmia tone

Input device

- Touch Screen: Option
- Keyboard: standard config
- Mouse Input: Support
- Keyboard Input: Support

System Output & Extensible Interfaces

- Ethernet Network: 2 Standard RJ45 socket
- Diffusion Output: 1 RJ45 socket
- Nurse Call: 1 BNC socket
- Video Output: 1 DVI port, 1 VGA port
- USB: 1 port, 4
- Auxiliary Module Rack connector: 1
- SD memory card: 2G (Standard config)
- Analog Output (ECG or BP): Option

Trend & Reviewing

- Trend: 168 hours
- NBP measurement reviewing: 1000 groups
- ARR event: 128 groups of ARR event and the associated waveform
- Alarm events: 128 groups of parameter alarm events and associated parameter waveform at the alarm moment
- Holographic waveform: The storage time depends on the stored waveforms and the quantity of them.

Environment

- Operating temperature: 0~40°C
- Storage temperature: -20°C to +50°C
- Operating humidity: 10% to 80% (non condensing)
- Storage humidity: 10% to 90% (non condensing)
- Operating atmospheric pressure: 860hPa to 1060hPa
- Storage atmospheric pressure: 500hPa to 1060hPa

Safety:

- IEC60601-1 Approved, CE marking according to MDD93/42/EEC

Performance:

ECG

- Lead Mode: 12-Leads ECG input
- 12-Leads ECG input
- 12-Leads ECG input

- Lead selection: 3, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
- Gain: 2.5 mV/mm (V2-V6), 5 mV/mm (V1-V4), 10 mV/mm (V5-V6)

CMRR:

- Frequency response (<3d B): 0.5~40Hz
- Monitor mode: 1~25Hz
- Surgery mode: 0.05~150Hz
- ECG signal range: ±10.0 mV
- Electrode offset potential: ≤50 mV
- Patient Leakage Current: <10 uA
- Standardizing signal: 1 mV ± 4%
- Baseline recovery: <5s after Defibrillation (Mon or Surg mode)
- Insulation of electrode separation: 1 Every electrode (exclusive of RL)
- Protection: Breakdown Voltage 4000VAC/5000VDC; defibrillator <100 J
- Sweep speed: 12.5mm/s, 25mm/s, 50mm/s

HR

- Range: Adult 10~200 bpm
- Pediatric & Neonate: 10~350bpm

Standard configuration

- Mainunit: 17" Recovery G8 anti-glare TFT-LCD display, 4 Standard module slot, 1 Additional module rack slot (for AMM all-in-one module), 2RJ45 ethernet socket, 1 Defibrillation Output, 1 Nurse Call socket, 1 DVI port, 1 VGA port, 6 USB1.1 port, 1 Auxiliary Module Rack connector, 2G SD memory card.

Options

- Option Module: AMM (Ambulance Mobile Monitor), MPB (Multi-Parameter Server), SunTech NBP module, C.O. module, BIS module, Sidesream CO module, Microstream Co module, Mainstream Co module, AG module, ICG module, BP module, Temp module, Masimo SpO2 module, Nellcor SpO2 module, CSM (Central State Monitor) module.
- Module Rack: 1
- Navigation: USB compatible mouse and keyboard.
- Printing: 3 channel thermal recorder
- Mounting: Rolling stand, wall mount
- Battery: 11.1V/4.0AH Rechargeable Lithium Battery(max 2 pos).
- Other options: External Display, Wireless Lan, External Memory card, Analog Output (ECG or BP), Touch Screen.

RECOVERY G8

- Accuracy: ±0.5mmHg or 2%, whichever is greater (exclusive of transducer)
- Drift: 80~120bpm Per 4 pulses
- ±2mmHg or 4%, whichever is greater (inclusive of transducer)
- Dynamics: ±2mmHg or 4%, whichever is greater

- Accuracy: ±1mmHg or 2%, whichever is greater (exclusive of transducer)
- Drift: 80~120bpm Per 4 pulses
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Recovery G8

Modular Patient Monitor



*Specifications subject to change without prior notice.

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Recovery G8

Modular Patient Monitor



- Global-Leading all-in-one module with display and built-in battery.
- 17" Recovery G8 anti-glare color TFT-LCD display.
- Powerful measurement, ergonomic and flexible design.
- Can connect independent large display when multi-display is required.
- Fanless cooling-down system, keep the monitor working quietly.
- Dozens of parameters with various modules assembled as demand, easy upgrade, save replacement cost.
- Distinguished scientific and technological temperament, enhance the overall image of hospital.



Recovery G8

Clinical mounting solutions



Wall mount

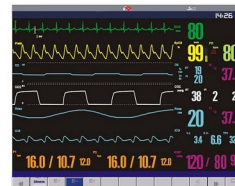


Rolling stand

Advanced Modular Monitoring



ICG



- Non-invasive method to measure patient's Cardio Output and Hemodynamic status, safe and easy operate



AG



- Anaesthesia Gas module, measure concentration of Et and Fi CO₂, O₂, N₂O and ISO, ENF, DES, SEV, HAL



SpO₂



- Masimo / Nellcor SpO₂ is optional
- High capacity against interference of ESU, motion & low perfusion



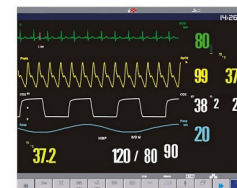
2IBP



- Max. 8 IBP measurement with waveform, Systolic, Diastolic, Mean Pressure on ART, CVP, ICP, PA, LAP etc to fulfill different positions invasive blood pressure measuring demands



CO₂



- Sidestream/Mainstream/Microstream EtCO₂ is optional
- Various option can be suitable for intubated patient, ventilation relied patient, non-intubated patient

Recovery G8

Modular Patient Monitor



AMM - Ambulance Mobile Monitor

Easy to use

- Colorful and clear TFT touch screen with 3.5" display . Gravity Sensor, Visual and sound alarm, large storage capacity, clear parameter and waveform display are helpful to clinical needs.

Mobile & Effective

- Small and compact to be carried anywhere. Seamless monitor data recording, plug and play, ensure the data transporting from one monitor to another. Perfectly match with the Recovery G8 patient monitors.

Safe & Sustainable

- Just one single step allows you to unplug and go, helping to reduce error and improve patient safety. AMM is environmental friendly product which is not only safe for people but also for nature environment.



AMM Ambulance Mobile Monitor

Size and Weight

- Size : 160mm×99mm×71mm
- Weight : ≤0.6kg

Display

- 3.5" Color TFT-LCD; Resolution : 320×240 pixels
- Waveform: Up to 12 tracks

Battery

- Type : 3.7V/1800mAh Rechargeable lithium ion battery
- Operating time: ≥60 minutes
- Charging time: Standby state: ≤ 6 h
- Turn off delay: 5 to 10 minutes after the low battery alarm first occurs.

MASIMO



Masimo Rainbow®SET Pulse CO-Oximetry

SpHb

PVI

SpCO

SpMet

AMM All-in-one Module Option:

	AMM 1	AMM 2	AMM 3	AMM 4	AMM 5	AMM 6	AMM 7	AMM 8	AMM 9	AMM 10	AMM 11	AMM 12
2-TEMP	•	•	•	•	•	•	•	•	•	•	•	•
RESP	•	•	•	•	•	•	•	•	•	•	•	•
NI-BP	•	•	•	•	•	•	•	•	•	•	•	•
2-IBP	•	•	•	•	•	•	•	•	•	•	•	•
3/5 Lead ECG	•	•	•	•	•	•	•	•	•	•	•	•
12 lead ECG	•	•	•	•	•	•	•	•	•	•	•	•
BLT digital SpO ₂	•	•	•	•	•	•	•	•	•	•	•	•
Nellcor SpO ₂	•	•	•	•	•	•	•	•	•	•	•	•
Masimo SpO ₂	•	•	•	•	•	•	•	•	•	•	•	•



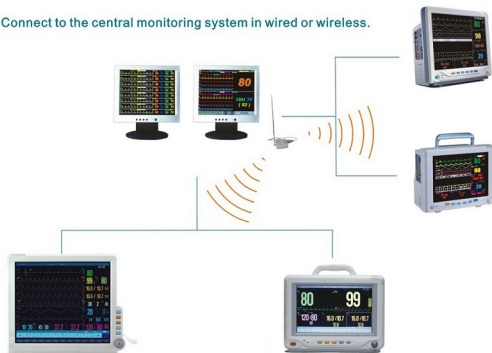
Recovery G8

Modular Patient Monitor



- Multi-screen, multi-interface display.
- Each screen can display user defined different parameters, to assure real-time monitoring entire data

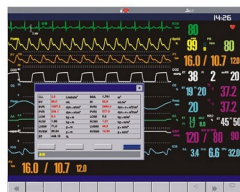
Connect to the central monitoring system in wired or wireless.



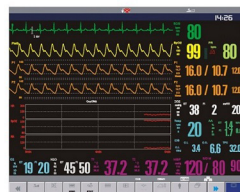
Recovery G8



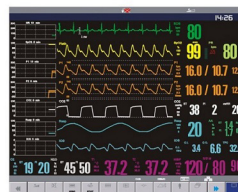
Drug dose calculation



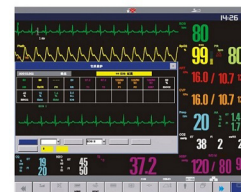
Hemodynamics calculation



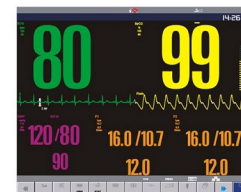
- Display 16 minutes trend of HR, SPO₂, RESP



- Maximum 168 hour graphic and tabular trends



- Display other bedside monitor's all parameter and one waveform, support user defined parameter display



- Big font
- User can select 5 parameters (related waveform will display if available)
- Clear observation in a long distance, especially suitable for ICU, CCU room checking and monitoring during night

