ESM8500
Multi-parameter patient monitor
Physical Specifications
Size: 258mm x 210mm x 180mm
Weight: 3.5kg

Display
8" Color TFT LCD
Resolution: 800 x 600 pixels or higher

Power Specifications
Power voltage: AC100V-240V 50Hz/60Hz
Power input: ≤70VA
Safety class: Category I

Battery
Type: Rechargeable Lithium ion battery
Charge time: ≤6 hours
Operating time under the normal use and full charge: ≥300 minutes

Thermal Recorder (option)
Type: Thermal dot array
Paper width: 50 mm
Recording speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Traces maximum: 3 tracks

System output
Ethernet network standard RJ45 socket
RF wireless LAN 433MHz, 10mW (option)
Defibrillation output: option
Video output: option

Alarm
Three level: low, medium and high
Indication: Auditory and visual
Setup: Default and custom
Silence: All alarms can be silenced
Volume: 45~85 dB measured at 1 meter

Trend
Store & review 120 hours trend data and trend maps
Parameter option: HR, SpO2, NIBP, PR, Resp, CO2, Temp1, Temp2, ST.
Cycle intervals of trend storage: 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min

Store & reviewing
ECG: 10 min one important lead's ECG waveform
Alarm: 1000 groups alarm events reviewing
NIBP: 750 groups NIBP measurement
Arrhythmia: 128 groups data (8 seconds ECG waveforms)
Power-off storage: 72 hours trend data & 1 ECG waveform (option)

Environment
Working temperature: 0 ~ +40°C
Transportation and storage temperature: -20 ~ +50°C
Relative humidity: working: ≤85% transportation and storage: ≤93%
Atmospheric pressure: working: 700~1060 hPa
transportation and storage: 500~1060 hPa
waveform. NIBP measurement result: 1000 groups

Standard configuration
ECG, HR, RESP, SPO2, PR, TEMP, Lithium battery

Option
2-TEMP, Recorder, EtCO2 (microstream, mainstream), Nellcor SpO2, Multi-Gas (sidestream, mainstream)