ESM9500
Multi-parameter patient monitor
Physical Specifications
- Size: 366mm x 335mm x 172mm
- Weight: 5.5kg

Display
- 15” Color TFT LCD
- Resolution: 1024 x 768 pixels or higher

Power Specifications
- Power voltage: AC100V-240V 50Hz/60Hz
- Power input: ≤100VA
- Input current: 1.0 ~ 0.45A
- Safety class: Category I

Battery
- Type: Rechargeable Lithium battery
- Charge time: ≤6 hours
- Operating time under the normal use and full charge: ≥120 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
- WiFi: 2.4G (option)
- Nurse call output
- Analog output (ECG or IBP) option
- Defibrillation 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 168 hours trend data and trend maps
- Parameter option: HR, SpO2, NIBP, Resp, CO2, Temp1, Temp2, AA, N2O, O2, IBP1, IBP2, ST. C.I.
- Cycle intervals of trend storage: 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min

Store & reviewing
- ECG: 30 min one important lead’s ECG waveform
- Alarm: 1800 groups alarm events reviewing
- NIBP: 1000 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: 5 ~ +40°C
- Transportation and storage temperature: -20 ~ +55°C
- Relative humidity: working 40%~90%, transportation and storage ≤85%
- Atmospheric pressure: working 700 ~ 1060 hPa

Standard configuration
- ECG, HR, RESP, NIBP, SPO2, 2-TEMP, Lithium battery

Option
- 12 lead ECG, 2-IBP, Recorder, EtCO2 (sidestream, mainstream), Anesthetic gas, Nellcor SpO2, ICG, SD memory card