



RespArray by Soma Tech Intl is a patient monitor that features simple connectivity and seamlessly integrates into the workflow. So you'll have more time to focus on your patients. It includes Nellcor pulse oximetry and Microstream capnography technologies and is designed for continuous monitoring during procedural sedation and in medical-surgical units.

Features

- Includes HL7 interface, is compatible with Vital Sync, and is WiFi-enabled
- A large, intuitive touchscreen allows you to see from multiple angles and a distance
The monitor can be configured in many ways to meet your monitoring needs with five monitoring parameters for individual or simultaneous use, including SpO2, EtCO2, ECG, NiBP, and continuous temperature monitoring.
- Track trends with near real-time monitoring and diagnostics so you can get to patients sooner.



Specifications

Dimensions

Height: 10.4 in (26.5 cm)
Width: 13.1 in (33.2 cm)
Depth: 6.4 in (16.2 cm)
Weight: 11 lb. (5 kg)
Screen Size: 13.3 inch color TFT LCD touchscreen
Screen Resolution: 1920 x 1080 px

Operating environment

Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
Transport/storage temperature: -4 °F to 140 °F (-20 °C to 60 °C)
Operating humidity: 15% RH to 95% RH, non-condensing
Storage humidity: 10% RH to 95% RH, non-condensing
Operating barometric pressure: 70.7 kPa to 105 kPa (-1000 feet to 9625 feet)

External power supply

AC voltage: 100 to 240 VAC
Input current: 1.6 A to 0.8 A
Frequency: 50/60 Hz

Battery specifications

Battery type: Rechargeable lithium-ion battery
Battery voltage: 14.4 volts
Battery capacity: 6,800 mAh
Battery life: ≥ 5 hours when fully charged
Battery charging time: ≤ 5 hours to 90% charged with monitor off

Data Storage

Trends: Trend data 4,800 hours @ 1 second
NIBP measurements: 1,200 sets
Events: 1,000 sets, including physiological alarms and arrhythmia events

Data output and connectivity

Wireless communication: IEEE 802.11a/b/g/n; 2.4 GHz ISM band & 5 GHz ISM band
Encryption method: WPA/WPA2, WPA Enterprise/WPA2 Enterprise
Connectivity options: HL7 interface for EMR connectivity
 Video output: HDMI A-type port

