



Providing enhanced efficiency and ingenuity, the Passport 8 works for many different levels of patient care. It comes standard with a large 8-inch touchscreen with easy touch function keys and the necessary parameters to meet your clinical needs, such as 3 or 5-lead ECG, NIBP, temperature, SpO2 and respiration. The Passport 8 also includes a plug-and-play modular structure with more advanced monitoring, such as CO2, cardiac output, 2-channel IBP or a combination of the three.

Integrated HL7 and DIAP communication protocols set the Passport 8 apart. Both wireless and wired network capabilities also provide better connectivity to the DPM Central Station and Panorama Patient Monitoring System. This allows for a continuous flow of patient data and easy sharing when necessary.

## Features

- 8" high resolution touchscreen display
- Up to 7 waveforms
- 3 or 5-lead ECG, SpO2, NiBP, respiration, temperature, integrated recorder
- Choice of Masimo SET or Nellcor OxiMax SpO2
- Extensive data storage capability for trend data, alarms, events, NiBP measurements and up to 48 hours of full disclosure
- Available wireless 2.4 Ghz (802.11b/g/n)
- Integrated HL7 and DIAP protocol interfaces
- Defibrillator synchronization
- Ergonomic carrying handle and multiple mounting options



# Specifications

## Dimensions

Height: 8.8in (22.4 cm)  
 Depth: 5.3 in (13.5 cm)  
 Width: 9.5 in (24.2 cm)  
 Weight: 3.5 kg (7.8 lbs) (Standard parameters configuration,  
 including a lithium battery and a recorder)

## Input/Output Communications ECG Analog Output

Bandwidth (-3dB; reference frequency: 10Hz)  
 Diagnostic Mode: 0.05 to 150 Hz  
 Monitor Mode: 0.5 to 40 Hz  
 Surgical Mode: 1 to 20 Hz  
 Monitor QRS Delay:  $\leq 25$  ms (in diagnostic mode, and non-paced)  
 Sensitivity: 1V/mV  $\pm 5\%$

### Pacer Enhancement

Amplitude:  $V_{oh} \geq 2.5V$   
 Width: 10 ms  $\pm 5\%$   
 Signal Rising and  
 Falling Time:  $\leq 100\mu s$

## Electrical Ratings

Power Supply: AC power, battery  
 AC Power: 100 to 240 VAC ( $\pm 10\%$ )  
 Current: 1.3 to 0.5 A  
 AC Power Input  
 Frequency: 50/60 Hz ( $\pm 3Hz$ )

## Environmental Conditions

Temperature Range Operating: 10°C to 40°C  
 Temperature Range Non-operating (storage): -20°C to 60°C  
 Humidity Range Operating: 15% to 95%, non-condensing  
 Humidity Range Non-operating (storage): 10% to 95%, non-condensing  
 Altitude Range Operating: -1,000 to 9,841 feet ASL)  
 1,074 hPa to 700 hPa  
 (806 mmHg to 394 mmHg)

## Battery

Type: Chargeable Lithium-Ion, 11.1DVC, 4.5 Ah  
 Number of Batteries: 1  
 Run Time: 6 hours when powered by a new fully-charged battery (25°C, SpO2 sensor and ECG cable connected, Temp cable not connected, Auto NIBP measurements at an interval of 15 minutes  
 Charge Time: Less than 3 hours to 90%, and less than 4 hours to 100% when the monitor is off.  
 Less than 8 hours to 90%, and less than 12 hours to 100% when the monitor is on.  
 Shutdown Delay: at least 20 min (after a low battery alarm first occurs)