



The **Mindray Passport 12** is a neonatal, pediatric, and adult patient monitor used to display, review, and store ECG, arrhythmia detection, QT analysis, heart rate, respiration, temperature, SpO<sub>2</sub>, Pulse rate, non-invasive and invasive blood pressure, cardiac output, CO<sub>2</sub>, and anesthetic gas. The Passport 12 weighs in at 10 pounds, has a 12-inch high-resolution color touchscreen display, and can display up to 8 waveforms.

## Features

- 12-inch high-resolution color touchscreen display.
- Displays up to 8 waveforms.
- Standard parameters include: 3- or 5-lead ECG, Masimo SET, SpO<sub>2</sub>, 2 IBP, NIBP, RESP, TEMP, and an integrated recorder.
- Features extensive data storage for trend data, alarms, events, and NIBP measurements up to 48 hours.
- Connects to BeneVision Central Station.
- Integrates with eGateway for communication to EMR.
- Defibrillator synchronization.
- Convenient, ergonomic carrying handle and multiple mounting options.
- Optional — Nellcor OxiMax SpO<sub>2</sub>.
- Optional — ST and Arrhythmia analysis with atrial fibrillation detection available.
- Optional — Wireless 2.4 GHz (802.11b/g/n) available.



## Specifications

### Dimensions

**Height:** 10.9 in (27.6 cm)

**Depth:** 5.4 in (13.7 cm)

**Width:** 12.7 in (32.2 cm)

**Weight:** 10 lb (4.5 kg) (Standard parameters configuration, including 2 lithium batteries and a recorder)

### Input/Output ECG Communication

**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

**ST Mode:** 0.05 to 40 Hz

**Maximum Transmission Delay:**  $\leq 30$  ms

**Sensitivity:** 1V/mV  $\pm 5\%$

#### Pacer Enhancement

**Amplitude:**  $V_{oh} \geq 2.5V$

**Width:** 10ms  $\pm 5\%$

**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 ( $\pm 3$ Hz)

### Battery

**Type:** Chargeable Lithium-Ion, 11.1DVC, 4.5 Ah

**Number of Batteries:** 2

**Run Time:** 4 hours when powered by one new fully-charged battery (25°C, SpO<sub>2</sub>, ECG, disconnected from Temp cable, Auto NIBP measurements at intervals of 15 minutes); 8 hours when powered by two new fully-charged batteries (25°C, SpO<sub>2</sub> 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.

