



The **Mindray V21** monitoring platform is a modular patient monitoring system. The system architecture allows users to customize, by removal or addition of modules, monitored parameters based on patients monitoring need or acuity level. The V21 monitoring platform maximizes the amount of viewable data through the use of a portrait display orientation.

## Features

- 21.3 in color touch screen display with up to 12 waveforms.
- 3, 5,6, or 12 lead ECG.
- Ability to integrate with Panorama Central Stations and Nurse Call Systems.
- IV drug calculations and hemodynamic calculations.
- Modern User-interface.
- Interchangeable system elements.
- Consistent performance and easy maintenance.



## Specifications

### Dimensions

**Height:** 23 in (58.4 cm)  
**Width:** 16 in (40.6 cm)  
**Depth:** 9 in (22.9 cm)  
**Weight:** 23 lbs (10.4) (Without batteries)

### Display

**Type:** TFT Display  
**Size:** 21.3 in (54.1 cm)  
**Aspect Ratio:** 3:4  
**Resolution:** 1024 x 768 pixels

### ECG (3,5,6 Lead)

**Range:** Neonatal BPM: 30 to 350; Pediatric and Adult BPM: 30 to 300  
**Resolution:** 1 BPM  
**Accuracy:**  $\pm 3$  BPM or  $\pm 3\%$  from 30 to 250 BPM, whichever is greater and  $\pm 5\%$  in the 251 to 350 BPM range

### ECG (12 Lead)

**Range:** Neonatal, Pediatric, and Adult BPM: 30 to 300  
**Resolution:** 1 BPM  
**Accuracy:**  $\pm 3$  BPM or  $\pm 3\%$  from 30 to 250 BPM, whichever is greater and  $\pm 5\%$  in the 251 to 350 BPM range

### NIBP Systolic Pressure

**Accuracy:** Mean error  $\pm 5$  mmHg  
**Standard Deviation:** Less than 8 mmHg  
**Measurement Range:** Adult Mode: 55 to 235 mmHg; Pediatric Mode: 55 to 160 mmHg; Neonate Mode: 45 to 120 mmHg  
**Resolution:** 1 mmHg

### NIBP Diastolic Pressure

**Accuracy:** Mean error  $\pm 5$  mmHg  
**Standard Deviation:** Less than 8 mmHg  
**Measurement Range:** Hg Adult Mode: 30 to 200 mmHg; Pediatric Mode: 30 to 150 mmHg; Neonate Mode: 20 to 100 mmHg  
**Resolution:** 1 mmHg

### NIBP Heart Rate

**Accuracy:** Greater of  $\pm 3$  BPM or  $\pm 3\%$   
**Resolution:** 1 BPM  
**Measurement Range:** Adult Mode: 35 to 245 BPM; Pediatric Mode: 35 to 245 BPM; Neonate Mode: 70 to 245 BPM

