



**MULTI PARAMETER MONITOR**  
**BPL VIVID VUE 8i**

**Product Specifications**

General	
Display	8.4"
Resolution	800×600 pixels
Display information	7 waveforms display
Dimension	266mm×172mm×230mm
Weight	<2.8kg
Built-in battery	Rechargeable Lithium ion battery 14.4V/2550mAh; ≥ 3 hrs of backup time
Battery charge time	≤ 3 hours
ECG / Respiration Specifications	
Lead Mode	5 lead - standard, Optional: 3 lead
Heart Rate Range & Accuracy	10 ~ 300 bpm Accuracy: ±1% or ≥1bpm, whichever is greater
Gain	2.5 mm/mV (×0.25), 5 mm/mV (×0.5), 10 mm/mV (×1), 20 mm/mV (×2)
Sweep Speed	12.5 mm/s, 25 mm/s, 50 mm/s
ST-segment	Detection Range -2.0mV to +2.0mV
Respiration Method	Thoracic impedance
RR Measurement range and Accuracy	1-150 breaths per minute Accuracy: ±2 bpm
Delay of Apnea	10s, 15s, 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s
NiBP Specifications	
Measurement method	Automatic oscillometry
Blood Pressure Range	Systolic: ADULT 40 - 260mmHg PEDIATRIC 40 - 230mmHg NEONATE 40 - 130mmHg
	MAP: ADULT 26 - 220mmHg PEDIATRIC 26 - 183mmHg NEONATE 26 - 110mmHg
	Diastolic: ADULT 20 - 200mmHg PEDIATRIC 20 - 160mmHg NEONATE 20 - 100mmHg
Pressure Transducer Accuracy:	±3 mmHg between 0 mmHg - 2800 mmHg for operating conditions between 5°C - 40°C.
Auto Measurement Interval	1min, 2min, 3min, 4min, 5min, 10min, 15min, 30min, 60min, 120min, 240min, 480min, 960min.
STAT Mode	5min

SPO2 Specifications	
Measurement Range & Accuracy	BPL OxySat+ SpO2 *: Measurement range: 0%-100%; accuracy: ±2% (70-100%). 0%-69% is not defined. PR measurement: 25-250 pulses/min.
	Masimo SpO2: Measurement range: 1 to 100%; accuracy: ±2% (adult/child, in non-motion state), ±3% (adult/child, in motion state) or ±3% (neonate, in motion or nonmotion state) within the measurement range of 70%-100%. 1%-69% is not defined. PR measurement: 25-240 pulses/min.
	Nellcor SpO2: Measurement range: 1 to 100%; accuracy: ±3% (adult/child, in non-motion state) or ±3% (neonate, in non-motion state) within the measurement range of 70%-100%. 0%-69% is not defined. PR measurement: 20-300 pulses/min
Display resolution	1%
Perfusion index (PI)	Masimo SpO2: 0.02%-20%; accuracy: not defined; Resolution: 0.01% (within 0.02%-9.99% range) BPL OxySat+ SpO2: 0%-20%; accuracy: not defined; Resolution: 0.01%
Temperature Specifications	
Measurement range	10.0°C-50.0°C (50°F-122°F)
Accuracy	± 0.1°C (± 0.2°F)
Number of channels	2
Optional - Recording Specifications	
Method	Thermal dot array
Number of waveforms	3
Recording paper width	50mm
Paper length	15 m
Paper speed	12.5 mm/s, 25 mm/s, 50 mm/s
Recording way	Real-time recording, alarm recording
Environmental Specification	
Operating temperature	+5°C to +40°C
Operating humidity	15% to 85% (non-condensing)
Operating atmospheric pressure	700hPa to 1060hPa
Transportation and storage temperature	-20°C to +55°C
Transportation and storage humidity	10% to 93% (non-condensing)
Transportation and storage atmospheric pressure	500hPa to 1060hPa
Power Specification	
Input voltage	100V-240V AC
Frequency	50Hz/60Hz
Earth leakage current	< 0.3 mA
Input current	0.6-1.0A
Standard Compliance	According to IEC 60601-1 and IEC 60601-1-2

Technical specification subject to change

**ISO 13485:2016 CERTIFIED COMPANY**  
**ISO 9001:2015 CERTIFIED COMPANY**

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