Experience
the Precision

EliteView EV100

MODULAR MULTI-PARA PATIENT MONITOR

BPL **Elite**View EV100

BPL

Happier Living Everyday

High Resolution Display
12.1 inch high resolution color LCD display

Modular Design
Users have great flexibility in monitoring different parameters with the modular structure of EV 100.

Standard Parameters
Monitor and records 12 lead ECG, RESP, SpO2 NiBP, and TEMP

Touch Screen
Touch screen and rotary knob provides ease of usage

Smart Alarms
Audio and visual alarms with 3 different levels of Priority: high, medium and low can help clinicians easily understand the criticality of patient condition

Cardiovascular Monitoring
Optional cardiac monitoring feature with 12-channel printing facility through Cardiac thermal printer

Efficient Memory Storage
150 hours of trend data, 12 lead ECG waveform of 7x12 hours, 48 hours wave review of single channel options provide users options for detailed review of patient status

Enhanced Connectivity
Data transfer through USB and FTP server provide users with options for seamless transfer of data as well connectivity options to external slave displays

High Performance Battery
With low power consumption, and High performance Li-ion battery, the device can work continuously for 120 mins

Upgradable modules
Nelcor/Masimo SET® , IBP, CO2, AG, CO, BIS, ICG

Functional modular Slot x 2

Two extendable modular slots
Nelcor/Masimo SET®, IBP, CO2, AG, CO, BIS,
ICG module optional

• 12.1"

BPL **Elite**View EV100   Modular Monitor

Printing Module Slot x 1

Supports 216mm thermal recorder
12 waveforms simultaneously recorded

Product Specifications

General

Dimension	305mm±0.5mm (length) × 168mm±0.5mm (width) × 308.4mm±0.5mm (height)
Weight	2.8Kg (±0.1kg)(not including battery and parameter module)
Display	12.1-inch TFT color screen
Resolution	800×600 pixels
Display Information	Up to 12 channels of waveform

Battery

Battery	2600mAh, 14.8V lithium battery
Charging Time	6 hours
Battery Duration	2 hours normal use (with mini unit not connected) after full charge

ECG

12-Lead Mode	12 leads (R, L, F, N, C1, C2, C3, C4, C5, C6 or RA, LA, LL, RL, V1, V2, V3, V4, V5, V6)
Lead Style	I, II, III, avR, avL, avF, V1, V2, V3, V4, V5, V6
5- Lead Mode(Optional)	5 Leads (R, L, F, N, C or RA, LA, LL, RL, V)
Lead Style	I, II, III, avR, avL, aVF, V
3-Lead Mode (Optional)	3 Lead (R, L, F or RA, LA, LL)
Lead Style	I, II, III
Range of heart rate Measurement and error	Range for Adult: 15 - 300bpm
	Range for Neonate/Child: 15 – 350bpm
	Error: ±1% or ±1bpm (both maximum)
Gain Selection	2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV, automatic
Sweep Speed	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s

NIBP

Method	Self-oscillation method
Systolic Range	40-270mmHg (Adult)
	40-200mmHg (Child)
	40-135mmHg (Neonate)
Diastolic Range	10-215mmHg (Adult)
	10-150mmHg (Child)
	10-100mmHg (Neonate)
Mean Pressure	20-235mmHg (Adult)
	20-165mmHg (Child)
	20-110mmHg (Neonate)
Accuracy	±5mmHg
Auto Measurement Interval	1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480min
Continuous Mode	5 min

SpO2

Range of Display	1% - 100%
Resolution of Display	1%
Spo2 Accuracy measurement	Digital: Measurement range is 0% - 100% Accuracy:±2% (adult/infant, in non-motion state) or ±3% (new-born, in non-motion state) within range of 70%~100%. Masimo: Measurement range is 1% -100% Accuracy:±2% (adult/infant, in non-motion state), ±3% (adult/infant, in motion state) or ±3% (newborn, in motion or non-motion state)

	within range of 70%~100%. Nellcor: Measurement range is 0% - 100% Accuracy:±2% (adult/infant, in non-motion state) or ±3% (newborn, in non-motion state) within range of 70%~100%.
Perfusion Index	0.01 % - 20 % (Available with Masimo SpO2)
Pulse Rate Range	Digital SpO2: 25bpm - 250bpm
	Masimo SpO2: 25bpm - 240bpm
	Nellcor SpO2: 25bpm – 250bpm
Pulse Rate Accuracy	Digital SpO2: ±1bpm
	Masimo SpO2: ±3bpm (in non-motion state) or ±5bpm (in motion state)
	Nellcor SpO2: ±3bpm within 20bpm - 250bpm.
	251bpm - 300bpm:Not defined

TEMP Specifications

Number of Channels	2 Channel
Range	0°C - 50°C
Accuracy	±0.1°C
Display Resolution	0.1°C

Respiration

Method	Thoracic impedance
Range	0rpm-120rpm (Adult)
	0bpm-150rpm (Neonate)
Accuracy	±1rpm

IBP	**Optional**
ETCO2	**Optional**
AGM	**Optional**
ICG	**Optional**
Cardiac Output	**Optional**

Data Storage

Trend Data	Short trend: 1h trend, resolution of 1s
	Long trend: 150h trend, resolution of 1min
Trend Chart	150 hours
Parameter Alarm	200parameter alarms and related parameter waveform
NIBP Measurement Data	2000 sets
Arrhythmia history	200 ARR events and related waveform, waveform length 8s, 16s, 32s.
ECG History	Up to 7×24 hours full 12-lead ECG (8G SD card).

Environmental Conditions

Operation	Range of Temperature: 5°C - 40°C
	Range of RH: ≤80%, non-condensable
	Range of Atmospheric Pressure: 700hPa - 1060hPa
Power Supply	AC input voltage: 100 - 240V
	AC input frequency: 50/60Hz ±1Hz
	Input current: 1.9A - 0.8A
Storage and Transportation	Range of Temperature: -20°C - 55°C
	Range of RH: ≤80%
	Range of Atmospheric Pressure: 700hPa - 1060hPa
Recorder	**Optional**

ORIGINAL

ALWAYS USE GENUINE BPL CONSUMABLES AND ACCESSORIES FOR BETTER PERFORMANCE

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EliteView EV100:RG:03:18:4PGB