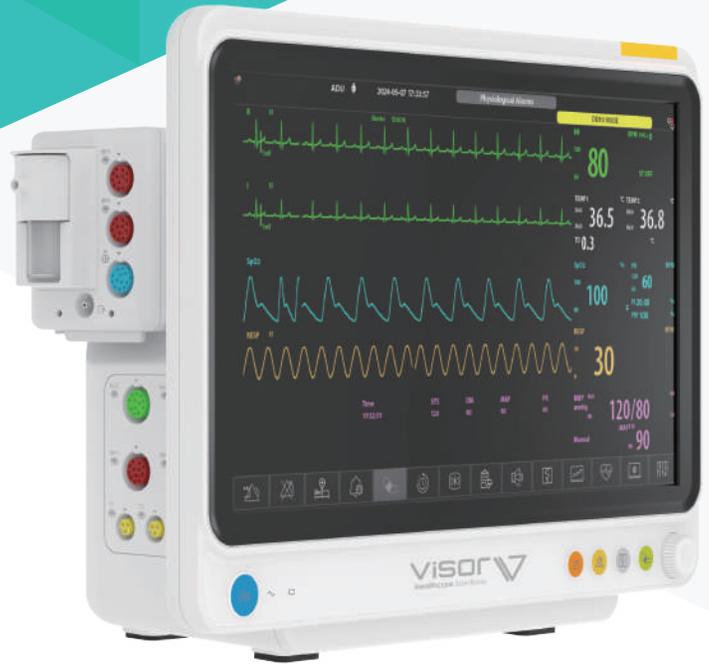# eVITA 12 Xpert & 15 Xpert series Patient Monitor

Intensive care/Sub-intensive care

12.1inch   15.6inch

Overview

The eVITA Xpert series patient monitor series are designed to meet daily clinical needs and seamlessly integrate into the hospital workflow. Modular design, Module interface can meet the needs of different parameters according to the clinical choice module. A variety of monitor models have more and more accurate practical clinical application values. In acute care, patient monitors must be reliable, easy to use, have advanced parameters, and allow access to data when needed. When transporting patients, the equipment should be easy to carry. The eVITA Xpert series of patient monitors are lightweight, powerful, and intuitive in user interface. They are the best choice for acute, in- and out-of-hospital transfers.

HD Display   Touch Screen*   Silence

Intelligent Setting   Easy Clean   More Readable

* Optional Function

For more information, please contact us: **info@visorhealthcare.com**

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Features

> The monitor adopts a modular design and a compact structure to meet the needs of various different parameter detections. It is suitable for adults, children and newborns.

> Standard parameters: SpO_2 , ECG, PR, RESP, NIBP,2*TEMP.

> Optional parameters: $EtCO_2$, 2*IBP, CO, AG, EEG Ai.

> 12.1inches/15.6inches colour LED screen with touch screen and /or rotator knob.

> Upgradable module is interchangeable (plug and play type).

> Capable to visualize 6 or more waveform. Support colour coding for different waveform.

> ST segment analysis with ST trend with continuous display of ST value on screen.

> Multiple screen layout to view big font size in numeric and waveform.

> Trending facilities for upto 360 hours of both graphical & numerical along with eventreview facility for all parameters and full waveform disclosure facility.

> Different visual alarm with colour coding and audible alarms for variousparameters with three levels of volume adjustment.

> Support HL7 protocol to access the central workstation Energy-saving, low-power design, extending battery life Configure noise reduction fan to ensure a quieter and cleaner environment Arrhythmia detection and analysis in various leads.

> A inbuilt battery backup of 4 hours.

EEG Ai

Resp CO_2
AG

ECG SpO_2
IBP/NIBP TEMP
PR

EEG and Ai Monitor Optimizing Anesthesia Delivery with Ai™ Monitoring

Patented CapnoSET and TiniStream technology

Excellent ECG analysis and Anti-motion NIBP & SpO_2 Algorithm

Multi-scenario application: Intensive care/Sub-intensive care

Plug-in Modular

Optional:

12 Lead ECG; CO_2 (Sidestream CO_2, TiniStream CO_2, Mainstream CO_2) ; IBP (IBP1/IBP2, IBP3/IBP4) ; C.O. ; ICG ; AI; AG; EEG (2/4 channels); NMT

Central Monitoring System

Cential Monitoring System supports up to 64 beds or 64 patients across clinical units at the same time.

72 hours of 64-channel holographic physiological waveform storage and review.

Provides review of up to 240 hours trend data storage, 720 alarm events per beds.

Bi-directional communication with eVITA Xpert Series monitors for enhanced patient care.

eVITA 15 Xpert

eVITA 12 Xpert

x64*

Physical Parameter

Dimensions : 15.6 inch (38cm*15cm*30cm)

　　　　　　　12.1 inch (30cm*15cm*30cm)

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Weight : 5.0kg (Including battery,built-in module)

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Screen size:12.1inch and 15.6inch

Specifications

SpO$_2$

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SpO$_2$ Range: 0~100%

SpO$_2$ Accuracy : 70~100%,±2%   <70%,Undefined

PI Range : 0~20%

PVI Range : 0.01%

PR Range : 25-300bpm

PR Accuracy : ±3bpm

ECG

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ECG Range : 0.15~5.5mV

ECG Resolution : 2.36uV/LSB

HR Range : 15~300bpm(adult) 15~350bpm(child/neonate)

HR Accuracy : ±1bpm or ±1% (whichever is greater)

RR Range : Adult: 0~120bpm   Pediatric, Neonate: 0~150bpm

RR Accuracy : 15~150rpm : ±2rpm or ±2% <15rpm:Undefined

TEMP

Range	0-50°C
Accuracy	±0.1°C
Resolution	0.1°C

NIBP

Pressure Range	0~300mmHg
Pressure Accuracy	±2mmHg or ±1% of reading (take thelarger value)
Resolution	1mmHg
SYS Range	Adult:40-270mmHg Pediatric:40-235mmHg Neonate:25-130mmHg
DIA Range	Adult:10-210mmHg Pediatric:10-200mmHg Neonate:10-90mmHg
Mean Range	Adult:20-230mmHg Pediatric:20-225mmHg Neonate:15-100mmHg
Accuracy	The mean deviation<±5mmHg The standard deviation<8mmHg

IBP(Optional)

Pressure Range	-50~400mmHg
Accuracy	±3mmHg or ±1% of reading
PR Range	20-350bpm
PR Accuracy	±2bpm or ±2% (whichever is greater)

CO(Optional)

Range	0.20~20.00L/Min
Accuracy	±5%

EtCO$_2$ (Optional)

CO$_2$ Range	0~20.0vol%
CO$_2$ Accuracy	0~12vol%:±(0.2vol%+2%of reading) 12~20vol%:±(0.2vol%+6%of reading)
AwRR Range	0~150rpm
AwRR Accuracy	mainstream:0~150rpm,±1rpm Sidestream:0~70rpm,±1rpm >70rpm,Undefined

Patent

SpO₂		**RESP**	

SpO₂		RESP	
Patent	Patent No: ZL 2019 1 0907433.8	Patent	Patent No: ZL 2014 1 0429201.3
	ZL 2019 2 1510989.5		ZL 2014 2 0489133.5
	ZL 2019 2 1596814.0		ZL 2021 2 0480587.6

EtCO₂		ECG	
Patent	Patent No: ZL 2018 1 0713045.1	Patent	Patent No: ZL 2015 0484280.2
	ZL 2018 1 0713152.4		ZL 2019 1 0064711.8
	ZL 2020 2 1177039.8		ZL 2017 1 0691935.2
	ZL 2019 2 0722093.7		ZL 2021 2 0480587.6
	ZL 2017 2 0804416.8		
	ZL 2017 2 0293754.X		

Software copyright patent		Appearance patent	
Patent No: 2017SR076521		Patent No: ZL 2015 3 0297516.2	

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* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions

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