

# elite series

Patient Monitor



**elite series**  
Patient Monitors



**elite series**

## Seamless Connectivity

The various interfaces and LAN/Wi-Fi compatibilities of the elite V8 enable healthcare providers to monitor their patients' health status from almost anywhere. Connecting it with EDAN MFM-CMS central monitoring system, you may log on from anywhere via your PC/tablet/smart phone, and check the status of your patients. Using its HL7/XML features, you may even build a seamless connection to the hospital information system.

## About Edan

Edan is a healthcare company dedicated to improving medical care around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare practices including:

- Diagnostic ECG
- Patient Monitoring
- OB/GYN
- Ultrasound imaging
- Point-of-Care Testing
- In-Vitro Diagnostics
- Veterinary

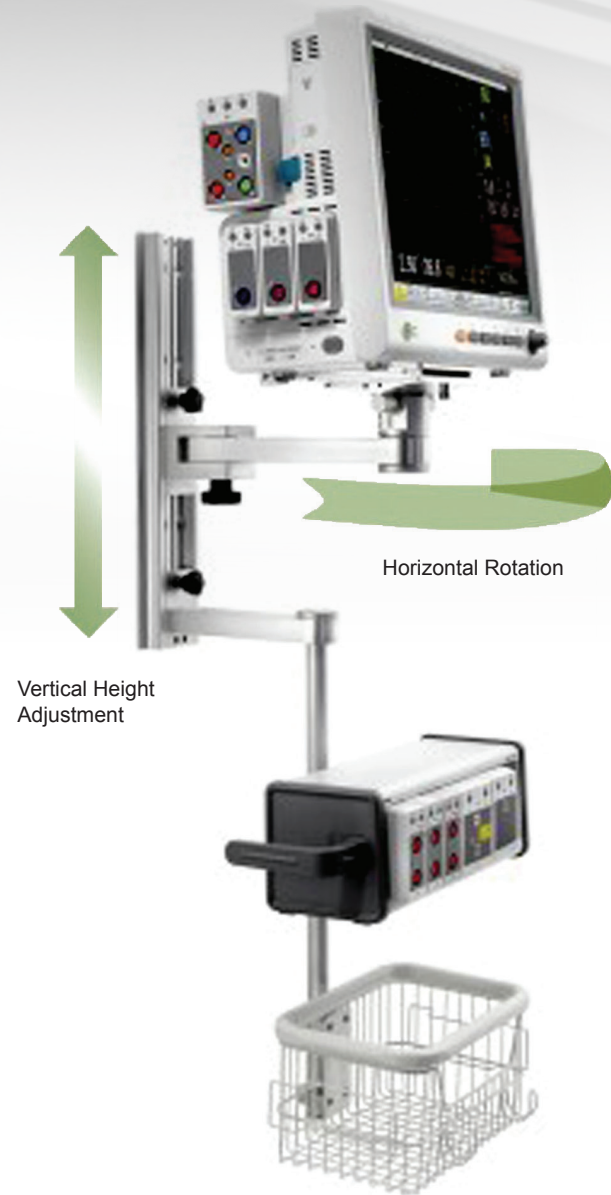
Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.

# elite series

Modular Patient Monitor

## Product Introduction

Engineered specially for high-acuity divisions, the elite Vseries dedicates to bringing high-quality healthcare to intensive cares and anesthesia monitoring, integrating world-leading technologies into one unit.



## Product Features

The plug and-play modular design of the elite series brings flexibilities to critical cares. Meantime, it offers an easy click-and-switch function to switch between modules with its intuitive MeasureSet Management interface.

- XM Module  
Standard: 3/5-lead ECG, NIBP, SpO<sub>2</sub>, PR, RR, TEMP  
Optional: 12-lead ECG, 2-IBP
- V-SpO<sub>2</sub> Module (Nellcor Oximax™ SpO<sub>2</sub>)
- V-NIBP Module (OMRON® NIBP)
- V-IBP Module (Maximum 8-IBP)
- V-C.O. Module (Thermal Dilution Cardiac Output)
- V-CO<sub>2</sub> Module (Respironics Mainstream/Sidestream)
- V-AG Module (PHASEIN Mainstream/Sidestream/O2)

### Power-off Storage



- USB Flash Disk
- SD Card

### External Communications

- Ethernet
- Bed-to-bed View
- Nurse Call
- VGA/DVI Video Output

### Night Mode

- Night mode with dimmer screen, backlit buttons, lower alarm volume and no HR beeps.



### Touch & Configure

The colored TFT touch screen employs an intuitive operation for the users to touch specific parameters to configure.



Ethernet Printer

## Clinical Applications

**Operating Room**

The latest anesthetic monitoring technology backs you up with the most reliable performance during surgeries.

**Post Anesthesia Care Unit**

The industry-leading CO<sub>2</sub> monitoring technology with its unique plug-and-play design provides the most flexible and accurate solutions for both the intubated and non-intubated patients.

**Coronary Care Unit**

The unique iSEAP and SEMIP algorithms bring not only sustained ECG monitoring but also reliable diagnostic results to your cardiac monitoring divisions.

**Intensive Care Unit**

The flexible parameter configurations provide you with various choices for your high-intensive monitoring applications according to the actual clinical needs.

## Algorithm & Technologies



PHASEIN

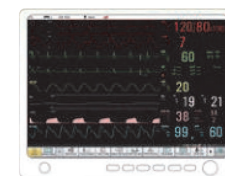
### PHASEIN Multigas

#### Mainstream AG

- Unique mainstream AG technology.

#### Sidestream AG/O<sub>2</sub>

- Unique Nomoline design for water removal.
- Low sample rate at 50 ml/min to minimize the anesthetic agent consumption.
- Paramagnetic oxygen sensor with no additional future cost.



RESPIRONICS

### Respironics CO<sub>2</sub>

#### Mainstream CO<sub>2</sub>

- Suitable for any traditional ventilator.

#### Sidestream CO<sub>2</sub>

- Low sample rate optimized for pediatric patients at 50 ml/min.
- Advanced filtering system & unique external sample cell design protects the detector against contamination caused by moisture/secretions.
- Water trap free design.

### Unique ECG Algorithm

- The unique iSEAP Algorithm which is specially optimized for 3/5-lead ECG monitoring detects 16 different kinds of arrhythmia events.
- The unique SEMIP interpretation tested by CSE & AHA database offers 208 kinds of analysis results for 12-lead ECG monitoring and diagnosis.
- The unique quadratic spline wavelet transform technology ensures the P wave detection accuracy.

### Dual-Mode Anti-Interference Pulse Oximetry

- The dual-mode anti-interference SpO<sub>2</sub> technology can largely eliminate the interference even under harsh conditions of strong motion and low perfusion.
- A high signal-to-noise ratio circuit with low-noise components is designed for the acquisition of a weak signal under low perfusion.
- A unique signal processing algorithm takes advantage of signal characteristics under strong motion and low perfusion to improve the accuracy and stability of the measurement.