

# EDAN



## elite V6

Modular Patient Monitor



Care for Health

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### Product Introduction

Engineered specially for high-acuity divisions, the elite V6 dedicates to bringing high-quality healthcare to intensive cares and anesthesia monitoring, integrating world-leading technologies into one unit.



No-fan Design



Shortcut Menu



Night Mode



Thermal Recorder



Ethernet Printer

#### Masimo Multi-gas Mainstream AG

- Unique mainstream AG technology.
- Sidestream AG/O2**
- 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 Ma

- Plug & play modu
- Dehumidification t
- Low sampling rate

#### EDAN G2 Sides

- Superior water rea
- iCARB™ algorithm
- wave identification





## Adaptability

With easy operating touch screen and plug and play modular design, elite series monitors bring flexibilities and high-performance to critical cares.



### Anesthesia Monitoring

The latest respiratory gas and brain activity monitoring technology backs you up with the most reliable performance during surgeries.



### Respiratory Monitoring

The industry-leading CO<sub>2</sub> & RM monitoring technology provides the most flexible and accurate solutions for both the intubated and non-intubated patients.



### Cardiac Monitoring

EDAN's unique iSEAP™/SEMIP ECG algorithm, together with the application of ICG technology, brings flexible choices and reliable measurements on even the extreme cardiac cases.



### Intensive/Emergency Cares

The modular design and the expanded parameter configurations extend possibilities in ICU/ER monitoring on a case-to-case basis.

## Algorithm & Technologies

### ECG

iSEAP™ is an advanced ECG monitoring algorithm developed by EDAN. It shows outstanding performance with great improvement in Arrhythmia Detection, ST Analysis, Giant T Wave Differentiation, Pacemaker Detection, and Interference Resistance. EDAN's SEMIP, on the other hand, is a 12-lead ECG interpretation algorithm tested by CSE & AHA database, which gives accurate diagnosis results and offers doctors a reliable reference.

### SpO<sub>2</sub>

SpO<sub>2</sub> algorithm iMAT™, which improves the accuracy and stability of the measurement under high motion or low perfusion condition, uses special filtering techniques to reduce the noise caused by motion as well as from other sources and amplifies the pulse oximetry signal.

### NIBP

iCUFFS™ NIBP algorithm has been verified on the monitoring of cardiac patients, hypertensive patients, and neonatal patients. Along with it, the application of optimized cuff sizes also enhances the measuring accuracy, adapting to various clinical cases.

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

The capnography technology iCARB™ is developed to obtain significant readings in response of complex clinical cases, such as cardiogenic oscillation, spontaneous breathing during mechanical ventilation, etc. To help with it, the airway design of G2 water trap is also optimized based on latest fluid dynamics studies.

### Calculations

Five kinds of calculations are introduced to provide an overall clinical guidance including Drug Dose, Hemodynamic, Oxygenation, Renal Function and Ventilation calculation.



Nurse Call



DVI Output



VGA Output



Defib Proof & Sync



ESU Proof

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

• Inline design  
• Tube instead of water trap  
• Flow of 50ml/min suitable for all types of patients

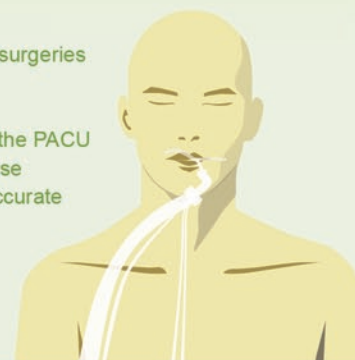
### Stream CO<sub>2</sub>

• Cap design for accurate monitoring  
• Monitor with intelligent CO<sub>2</sub> pseudo  
• Advanced technology



### BIS

- Bispectral index monitoring with BIS EEG
- Monitor the patient's brain activity during the surgeries
- Reduce the risk of anaesthesia awareness
- Help speed up the anaesthesia recovery
- Help reduce the time each patient spends in the PACU
- Help reduce the usage of the anaesthesia dose
- One-piece design electrodes for quick and accurate placement



## Modular Design

The elite V series employs modular design to answer for the requirements of flexible applications on different clinical cases. Meanwhile, the iM20 transport monitor, which can also work as the main module of the elite V series, builds seamless data connections between transport monitoring and bedside monitoring.

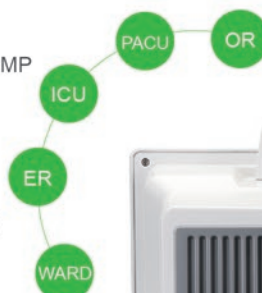
### • iM20 Transport Monitor/XM Module

Standard: 3/5-lead ECG, NIBP, SpO<sub>2</sub> with Signal Intensity (SI), 2-TEMP  
Optional: Nellcor OxiMax™ SpO<sub>2</sub> (iM20 only) with SatSeconds™, 12-lead ECG, 2-IBP

- V-SpO<sub>2</sub> Module (Nellcor OxiMax™ SpO<sub>2</sub> with SatSeconds™)
- V-NIBP Module (Omron® NIBP)
- V-IBP Module (Maximum 8-IBP with waveform overlapping function)
- V-C.O. Module (Thermodilution Cardiac Output)
- V-ICG Module (Impedance Cardiography)
- V-CO<sub>2</sub> Module (Respironics Mainstream/Sidestream, G2 Sidestream)
- V-RM Module (Respironics Respiration Mechanics)
- V-AG Module (Masimo Mainstream/Sidestream)
- V-BIS Module (Bispectral Index)

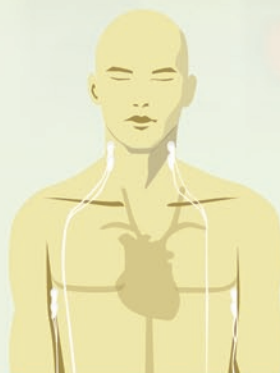


iM20



### RM

- Continuous and real-time monitoring of lung mechanics
- Loops for more clearly vision of respiratory changes
- Help detecting pulmonary disorders
- Risk management on respiratory failures
- Reduce ventilator-related complications



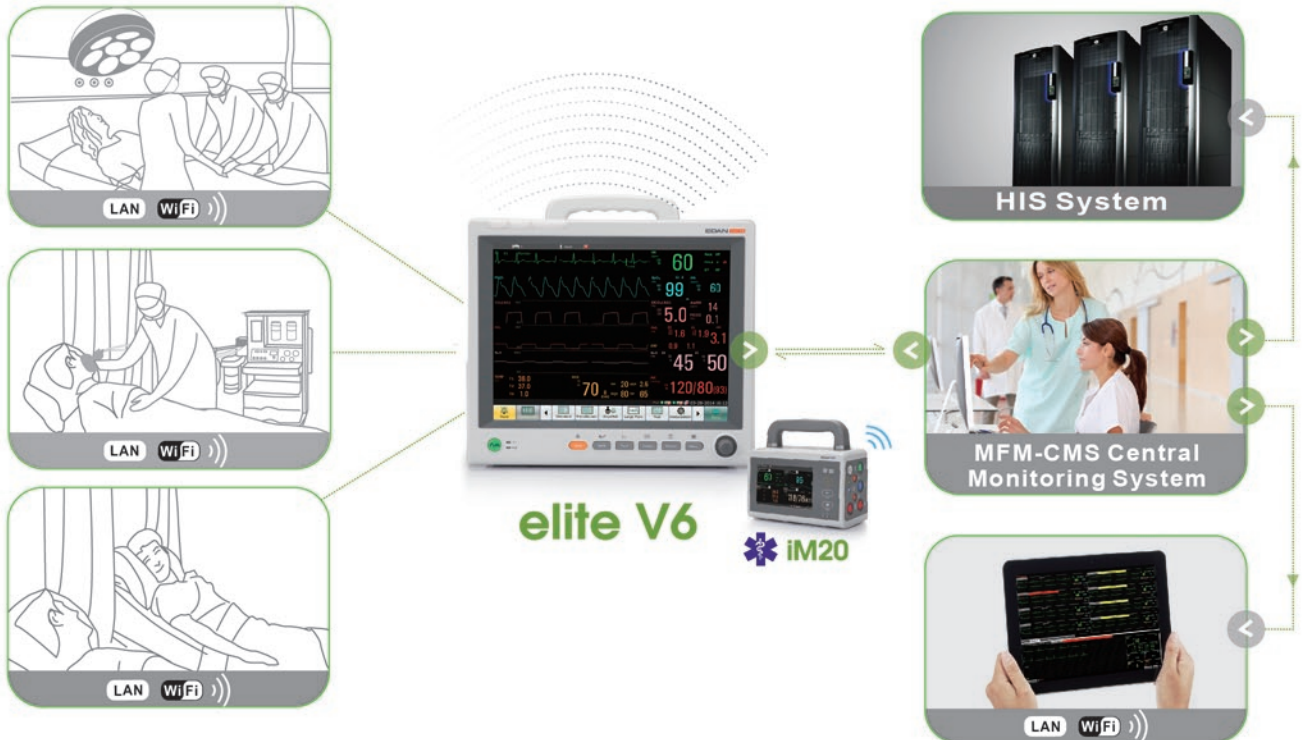
### ICG

- Specially suitable for cardiac monitoring in CCU
- Non-invasive method for cardiac output monitoring
- Continuous monitoring with four pairs of sensors
- Hemodynamic monitoring
- No injury or infection to the patient
- Easy to use





## Seamless Connectivity



The various interfaces and LAN/Wi-Fi compatibility of the elite V6 make healthcare providers able 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 the patients.
- The HL7/XML compatibility enables direct connection to the hospital information system.
- Working together with iM20, a seamless data connection can be built throughout the whole healthcare session, from ambulatory monitoring to the hospital discharge.



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