elite V6 Modules

Module	Description	Benefits
iM20	• 3/5-lead ECG, RESP, NIBP, SpO$_2$, 2-TEMP • Optional: 12-lead ECG, Nellcor SpO$_2$, Suntech NIBP, 2-IBP, C.O., Respironics Sidestream CO$_2$	• Allow seamless monitoring between beside and transport monitoring
XM	• 3/5-lead ECG, RESP, NIBP, SpO$_2$, 2-TEMP • Optional: 12-lead ECG, Nellcor SpO$_2$, Suntech NIBP, 2-IBP	• A multi-parameter module
V-IBP	• Maximum 8-IBP • ART/PA/CVP/RAP/LAP/ICP/...	• IBP Overlapping • PAWP • CPP supported with ICP monitoring
V-C.O.	• Thermodilution Cardiac Output	• Gold standard cardiac output methodology
V-ICG	• Impedance Cardiograph	• Non-invasive cardiac output methodology • Continuous monitoring with real-time hemodynamics measurements
V-CO$_2$	• Respironics Mainstream CO$_2$ • Respironics Sidestream CO$_2$ • EDAN G2 Sidestream CO$_2$	Respironics: • No water cup • Low sampling rate at 50ml/min EDAN G2: • Superior water cup design • iCARB™ algorithm
V-RM	• Respironics Respiration Mechanics	• Help detect pulmonary disorders and reduce ventilator complications • Provide risk management of respiratory disorders
V-AG	• Masimo Mainstream AG • Masimo Sidestream AG/O$_2$ • Dräger Sidestream AG/O$_2$ • Edan G7 Sidestream AG/O$_2$	Masimo: • Low sampling rate at 50ml/min • Unique sampling tube Dräger / Edan G7: • Water cup design • Paramagnetic O$_2$ sensor
V-BIS	• Bispectral Index • BIS EEG	• Brain activity monitoring during surgery • Reduce risk of anesthesia awareness • Reduce anesthetic dose to speed up • Recovery and reduce time spent in PACU
V-EEG	• Electroencephalograph	• Indicate the overall brain function for all types of patients • Real-time EEG monitoring and measurements in anesthesia and critical care environments
V-NMT	• Neuromuscular Transmission	• Muscle relaxation measuring during surgery and recovery • Reduces risk of residual neuromuscular blockade
V-Link	• LiDCO monitoring • Communication with external devices	• Minimally invasive cardiac output monitoring • Communication with anesthesia and ventilation machine

iM20

Tailored Monitoring to Each Patient

elite V6
Patient Monitor

Always Connected

A self-contained transport monitor, the iM20, provides seamless data connectivity from bedside monitoring to state-of-the-art transport monitoring. On plug-and-play, it switches role easily between a multi-parameter module and a monitor, connecting data together among different applications, and delivers uninterrupted monitoring during patient transfer.

To keep track of a full-time patient data, the iM20 not only carries data between each elite V monitor, but also interfaces with MFM-CMS central station via Wi-Fi.

EDAN
A world of potential

The 15 inch touch screen with the customizable shortcut menu allows intuitive on-screen operation during patient cares.

The 3 segment alarm lights give clearer-than-ever indications on ongoing alarms and alarm muting/pause status.

The echo-friendly no-fan design and the special night mode help maintain a low noise level in critical departments, especially during overnight monitoring.

The 1GB non-volatile built-in memory together with USB flash disk and SD card support facilitate flexible data storage.

A rich interface is implemented to connect to Ethernet printer, USB barcode scanner, VGA display, Nurse Call system, and to synchronize defibrillator.

Monitor Station   Viewer Station   Web Observer   Mobile Station

MFM-CMS

elite V6   HIS
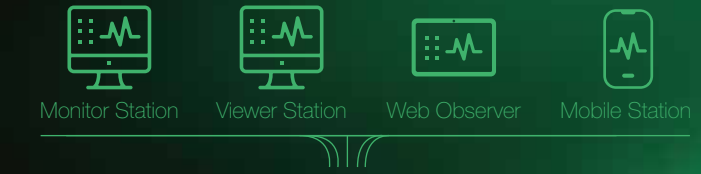
Engineered Adaptability in Diverse Cares

The plug-and-play multi-parameter XM module and fifteen separated modules expand the flexibility and adaptability of the elite V6 to tailor to patient-by-patient requirements for most clinical monitoring applications, including:

- Cardiology
- Anesthesia
- Hemodynamics
- Neurology
- Respiratory

Scientifically Validated Algorithms

Enhanced with proprietary technology, the algorithms that comprise the foundation of the elite V6 Modular Patient Monitor are scientifically validated and optimized for outstanding accuracy and reliability.

- Monitoring ECG iSEAP™: Excellent sensitivity in arrhythmia and heartbeat detection, ST analysis, and giant T-wave differentiation.
- Diagnostic ECG SEMIP®: Provides 208 ECG findings over age/gender diversities.
- SpO_2 iMAT™: Improved stability in high-motion and low-perfusion conditions.
- NIBP iCUFS™: Confirmed accuracy in cardiac, hypertensive and neonatal patients.
- G2 CO_2 iCARB™: Intelligent identifitication of CO_2 pseudo waves.
- G7 AG iAPRB™: High performance in anesthetic gases analysis with paramagnetic O_2 detection.
- 5 Calculations: Hemodynamic, Drug Dose, Ventilation, Oxygenation, and Renal Function.
- Modified early warning score (MEWS) has been introduced to assist with the identification and documentation of clinical deterioration.

Patient Data at Your Fingertips

The elite V6 Modular Patient Monitor combines the world's leading monitoring technologies in a single platform that seamlessly connects bedside patients to the central monitoring station.

- LAN connection to EDAN MFM-CMS central monitoring station via cable network or built-in Wi-Fi.
- Multi-points observation via four types of client terminals covering the whole hospital
- HL7/XML connectivity with the hospital information system.