

Comprehensive Solutions in Acute Care Departments

CCU



Cardiac Monitoring

Cardiac and hemodynamic comprehensive solutions enable the delicate caring and prompt response to CCU patients.

- 24-hour ECG & NIBP summary
- Multi-lead analysis & alarm refractory period lowering false alarm rate
- High-resolution ECG mode for electrocardiogram-level waveform accuracy

Hemodynamic Monitoring

Conditions can change fast in patients who experience hemodynamic instability due to organ failure or after major surgery.

- C.O.: Invasive cardiac output monitoring supports clinical decisions and improves patients' outcomes

Comprehensive Anesthesia Monitoring

Anesthesia monitoring is required throughout the entire patient's operation. Covering anesthesia gas concentration, bispectral index, and neuromuscular transmission, Edan provides comprehensive anesthesia monitoring for the intimate care of patients in the operation room.

- AG, BIS, NMT comprehensive operation monitoring
- Defibrillators & ESU protection



ICU



Intensive Caring Solutions

With the combination of several intensive parameters, the iV12 matches every patient's condition.

- Up to 8-channel IBP
- rSO₂, AG-O₂, dual-SpO₂ comprehensive O₂ saturation monitoring

Multiple Scoring Systems and Therapy Guidance

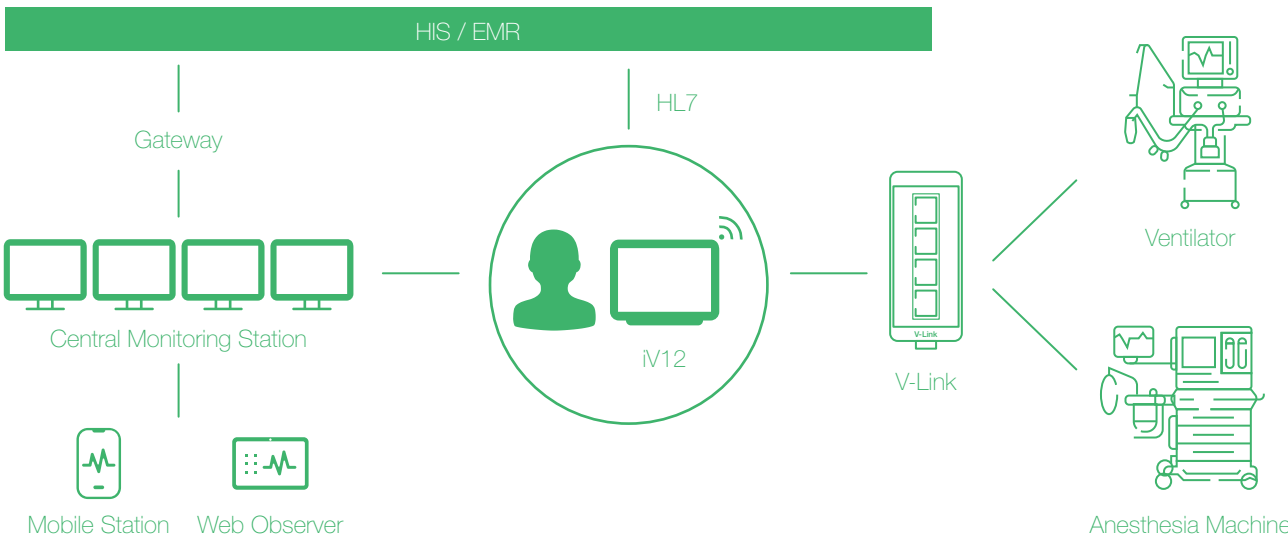
Pursuing the delicate care for intensive patients' conditions, the acute scoring systems are introduced into the iV12. It covers from quick identification of patients' status to guidance in following treatment directions.

- Acute scoring including: Glasgow Coma Score (GCS), Sepsis-related Organ Failure assessment (SOFA)
- Guidance including: Sepsis guidelines, decision tree, relation diagram

Seamless Connectivity with Patient Centered IT Solution

Creating a patient centered information network, Edan iV12 patient monitor can connect to the Central Monitoring Station (CMS) through both wired and wireless networks, as well as accessing with electronic medical records (EMR) via HL7 protocol directly.

To fulfill the requirement of a full range of viewing, CMS, Mobile Station and Web Observer can be the terminals of the data from the iV12. Therefore, enabling clinicians to access patients' data anytime, anywhere.



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Upgrade Your Monitoring Experience

iV12 Patient Monitor



iV12

Patient Monitor

Harnessing Edan's years of medical research and development, also from the voice of front-line medical personnel, the iV12 patient monitor earns technology progression when keeping the workflow clean and clear. The iV12 incorporates a first-class visual experience with intuitive operational designs, bringing in a user-friendly cutting-edge technology operation practice.

13.3"



- 

Modular Design
Plug & play design
- 

1920x1080 pixel
Anti-glare HD screen
- 

Ultra-wide Observation Angle
Simple bedside nursing
- 

Auto Brightness Adjustment
Reduce workload
- 

Full-touch screen design with flat panel
Intuitive operation and easy to disinfect
- 

Gesture Operation
Simple interaction
- 

Waterproof & Dustproof
Easy disinfection
- 

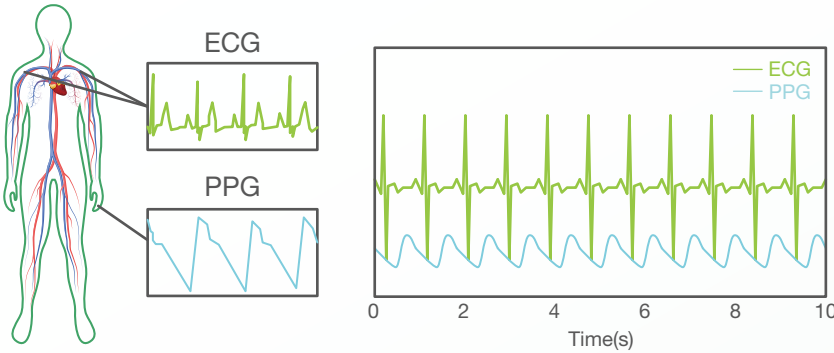
No-fan Design
Enhanced battery capability

Innovation in Parameters

CNBP Continuous Noninvasive Blood Pressure

Edan CNBP technology monitor patients' blood pressure continuously, enabling a prompt reaction to every sudden BP change that could be hidden by traditional NIBP monitoring.

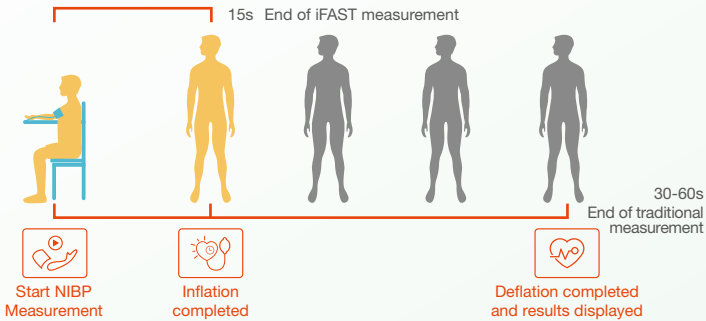
- Continuous NIBP monitoring
- Better patient comfort without pressurization
- No additional equipment or accessories needed



iFAST Rapid Blood Pressure Measurement

Intelligent rising algorithms: optimized cuff inflation algorithm to avoid repeated pressurization and simplify the process.

- Significantly reducing the measurement time compared with traditional algorithms.
- Patients feel more comfortable without over-inflation of the measurement process.



Edan Self-developed Monitoring Technologies

For years, Edan has developed high-standard parameters throughout basic monitoring and acute cares. These well-accepted parameters witness Edan's continuous pursuit of high-end & high-performance parameters.

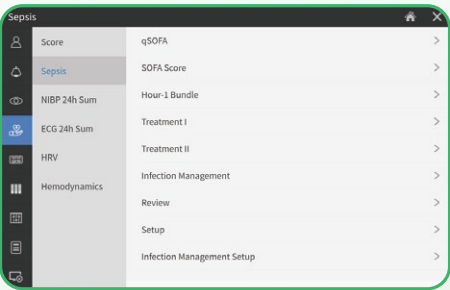
- **ECG iSEAP™** excellent arrhythmia, ST, QT/QTc sensitivity
- **iFAST™** 15s NIBP measurement
- **G2 CO₂** intelligent CO₂ pseudo waves identification
- **G7 AG** high performance in anesthetic gases measurement with paramagnetic O₂
- **NMT** for perioperative period muscle monitoring
- **EEG** for brain diagnosis and monitoring

Reliable Clinical Assistant for All Decisions

The iV12 features Clinical Assistive Applications. Caregivers can use authoritative tools to make quick decisions in all-range acuity areas.

Sequential Organ Failure Assessment (SOFA)

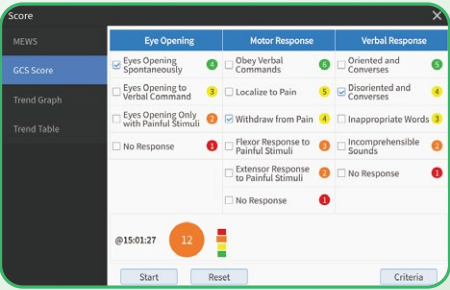
SOFA scoring system identifies critical caring patients' status according to several critical organ functions. The score based on six different scores from different perspectives, including respiratory, cardiovascular, hepatic, coagulation, renal and neurological systems. With qSOFA, SOFA, and multiple tools, caregivers can use iV12 as a sepsis treatment and tracking helper.



Clinical Assisting Scoring

EWS identifies deteriorating conditions through a comprehensive assessment of a patient's status based on vital signs. Application of the EWS scoring system can help reduce patient mortality, ICU transfer rates, and length of stay for patients.

- Compliant with NEWS, NEWS2, MEWS, and PEWS.
- Intuitive layout of trends graph & table review helps caregivers make a quick decision.
- Auto data acquisition assists a prompt assessment.
- Capable of working with hospital information systems like Electronic Medical Records (EMR).
- Glasgow Coma Scale (GCS) for quick consciousness identification.



Hemodynamic Tools

With decision tree and relation graphic, the iV12 can provide intuitive parameter relationship displays and informed decision-making for hemodynamics. All tools aim at helping caregivers better understand patients' condition.

- Quick patients' conditions identification and decision making

