When Telemetry Meets Monitoring

Telemetry Transmitter with CMS

Connecting to MFM-CMS, iT50 telemetry monitor fulfill the movement requirements of patients in CCU and general wards.

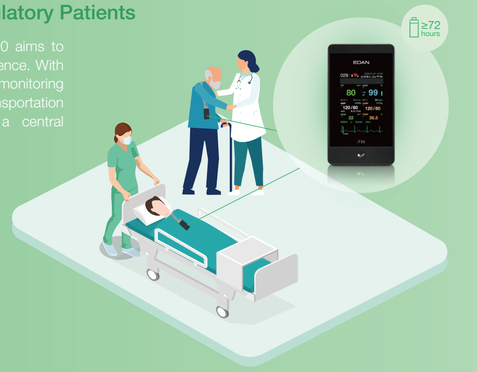
- Bi-directional nurse call
- Real-time remote monitoring
- Support breakpoint resume



Portable Monitor for Ambulatory Patients

The deliberate industrial design of iT50 aims to bring in a tiny yet powerful user experience. With ultimate portability and comprehensive monitoring parameters, they facilitate the basic transportation and monitor requirements without a central station.

- Long battery life
- Built-in visual & audible alarm system





All-in-one Telemetry Monitoring

iT50 Telemetry Monitor



EDAN
A world of potential

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iT50 Telemetry Monitor

The iT50 telemetry monitor provides advanced monitoring with early arrhythmia detection and local alarms for ambulatory patients throughout your facility. Designed to help improve outcomes, the iT50 wearable patient monitor allows continuous surveillance during ambulation and transport. Moreover, iT50 enhances workflow as the clinicians can quickly respond to the patient's condition through Edan MFM-CMS, which gives clinicians immediate, real-time monitoring and alarm notifications aiding in the early detection of clinical deterioration.



≥72 hours

3.5" Full Touch Screen
Large screen for more content

Light Weight
≤325g
Less burden for patients

Waterproof & Dustproof
IP44
Water ingress protection

1.5m Drop Protection
Prevent accidental damages

Leading battery life & centralized power management

Designed for long-term caring, the iT50 telemetry monitor equipped with lithium battery with up to 72 hours battery life. Moreover, centralized charging and power management station CS-10 further alleviates the power related concerns extremely in real-life environment.



Innovative Parameter Technologies

With integration of all five essential parameters into one compact telemetry monitor, Edan enables a more professional and effortless experience for basic monitoring.

ECG+RESP

Together with respiration parameters, Edan provides a complete elementary monitoring solution in the telemetry monitor. Edan's iSEAP™ ECG algorithm is optimized for arrhythmia detection, pacemaker detection, ST analysis, and HR measurement.

- 3/5/6/12-lead ECG monitoring
- 33 Arrhythmia classifications
- Pacemaker detection
- ST and ST templates
- Real-time QT/QTc
- 24 Hours ECG summary

SpO_2+RR

iT50 SpO_2 is well adapted to the challenges presented by ambulatory patients and patients with extremely low Perfusion Index. Moreover, plethysmography-based respiration is added to support a more comprehensive monitoring.

NIBP

Edan's innovative iFAST™ algorithm enables a quick NIBP measurement within 15 seconds for both adult and pediatric patients. Clinicians can make instant clinical decisions against emergency deterioration.

- 15 seconds NIBP measurement
- Supports multiple measurement modes

CNBP

CNBP is the exploration of Edan about an innovative way to monitor continuous blood pressure. PWTT (Pulse Wave Transit Time) is proportional to blood pressure, and is obtained from ECG and SpO_2. Through this way comes CNBP technology, enabling a prompt reaction to 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



No-Cuff Blood Pressure Monitoring

Easy-to-use Interfaces



Lead Map



ECG+HR



ECG+SpO_2



ECG+SpO_2+CNBP



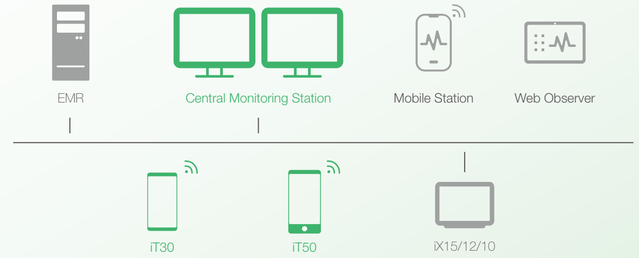
ECG+SpO_2+NIBP +TEMP+RESP+CNBP

Central Monitoring & Central Analysis

By connecting to the MFM-CMS, iT series telemetry monitors can realize powerful functions. Covering from quick scoring and nurse response assistance, to long-term ECG and blood pressure analysis, iT series is able to convey comprehensive analysis and clinical assessments.

Central Monitoring

Including the iT series telemetry monitor, all content from Edan's patient monitor could be integrated into the MFM-CMS and process continuous monitoring and data management. It releases labor force from frequently bedside observation and recording.



ECG Summary

The all-day ECG summary is a comprehensive evaluation tool for doctors. The pie chart summarizes the arrhythmia events according to severity, providing visual representations of patient data for doctors to review.



NIBP Summary

The twenty-four hours NIBP trend graph helps medical practitioners quickly review the patient's blood pressure within a day. Therefore, caregivers can promptly obtain the patient's condition changes daily, forming the following treatment plan.

