iT20

Telemetry Transmitter

About Edan

Edan is a healthcare company dedicated to improving the human condition 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.

EDAN

A world of potential

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iT20

Telemetry Transmitter

CCU ICU ER

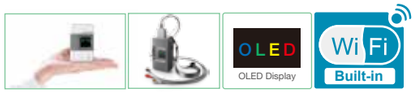
EDAN

A world of potential

iT20

Telemetry Transmitter

Designed as a pocket size telemetry transmitter, iT20 works together with MFM-CMS central monitoring system via Wi-Fi connections. It provides constant ECG & SpO_2 monitoring for mobile cardiac patients throughout all the hospital departments.



Telemetry Monitoring System

- 64 units of iT20 can connect to MFM-CMS at the same time.
- With built-in Wi-Fi module, iT20 has no request for extra network setup.
- Nurse call & call patient function available on both iT20 and MFM-CMS.
- Real-time monitoring of ECG, RR, SpO_2, PR.
- IPX7 waterproof level, iT20 can prevent unexpected damages from water and withstand the cleaning and sterilization procedure.
- Automatic ECG cable identification of 3/5-lead wires as well as IEC/AHA types.
- History review with 240 hours of trend and 720 alarm events for each patient on MFM-CMS.

Parameter Configurations

- iSEAP™ ECG algorithm optimized for arrhythmia detection, pacemaker detection, ST analysis, and HR measurement via 3/5-lead ECG
- iMAT™ SpO_2 algorithm with outstanding motion resistance and low perfusion resistance performance
- Respiration rate measurement via impedance method
- Pulse rate measurement via SpO_2

Pocket Size

IPX7 Waterproof

Motion Tolerance

AA Battery

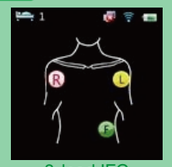
Hot-swap Power Backup

Nurse Call

Automatic Lead Identification

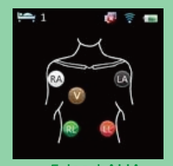
Smart Lead Map

3-lead AHA



3-lead IEC

5-lead IEC

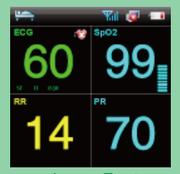


5-lead AHA

Multi-display Modes

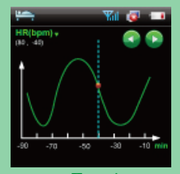
ECG + RR

ECG + SpO_2



Large Font

SpO_2 + PR



Trend