iT20

Telemetry System

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
- Ultrasound imaging
- In-Vitro Diagnostics
- Patient Monitoring
- Point-of-Care Testing
- Veterinary
- OB/GYN

Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.

EDANUSA

4204 Jutland Drive,
Suite B, San Diego, CA 92117
Toll Free Phone Number:
888.850.4597

EDANUSA

www.edanusa.com

iT20

Telemetry System

EDAN iT20 is a Wi-Fi based telemetry transmitter with standard ECG monitoring functionality and optional pulse oximetry. Communicate with MFM-CMS in real time, iT20 enhances the overall monitoring, especially for in-hospital mobile cardiac patients and rehabilitations. It also can be applied as a backup device for emergency cases in hospital.

The central monitoring system seamlessly incorporates the data from patient monitors as well as iT20 telemetry transmitter, providing a multi-patient monitoring and medical record management. Moreover, through the web access, caregivers can log in the system anywhere, anytime.

Care for Health

iT20

Telemetry System

Designed as a pocket size telemetry transmitter, iT20 works together with MFM-CMS central monitoring via WI-FI connections. It provides constant ECG & SpO_2 monitoring for mobile cardiac patients throughout all the hospital departments from cardiac divisions to intense cares, from emergency units to general wards.

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.
- Bi-directional nurse call function available on both iT20 and MFM-CMS.
- Real-time monitoring of ECG, RR, SpO2, 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

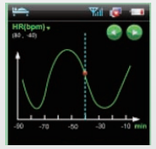
Multi-display Modes

ECG + RR

ECG + SpO_2

Large Font

SpO_2 + PR



Trend