Mobile Monitoring Around the Wards
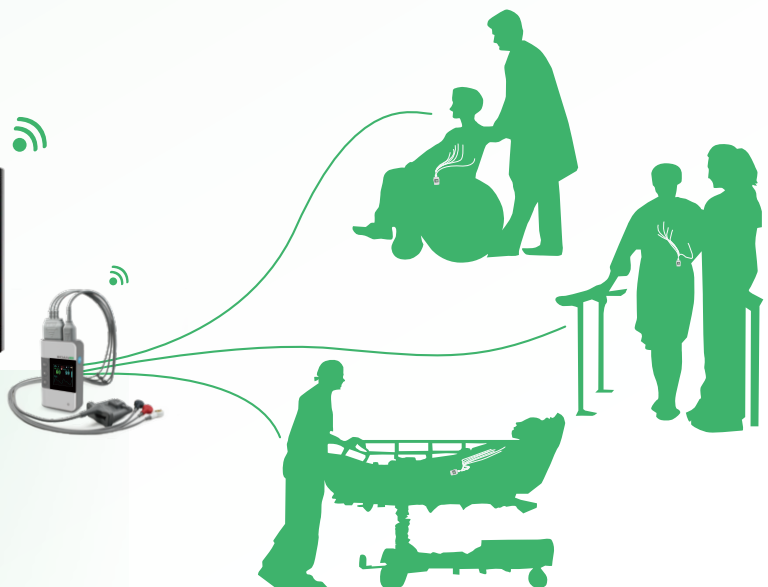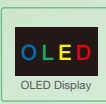
iT20 Telemetry Transmitter

CCU

ICU

ER

EDAN

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.

OLED Display

Wi-Fi Built-in

Telemetry Monitoring System

- 128 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 720 hours of trend and up to 720 hours 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

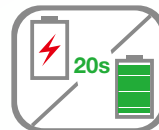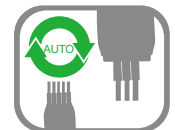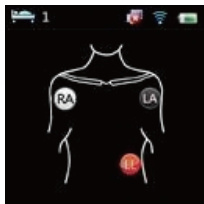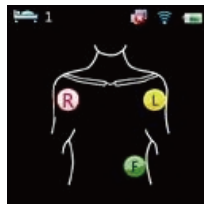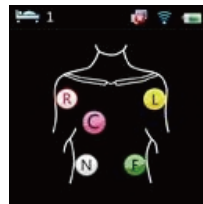|						
< 140g	IPX7		100 hours	20s	iT20	AUTO
Pocket Size	IPX7 Waterproof	Motion Tolerance	AA Battery	Hot-swap Power Backup	Nurse Call	Automatic Lead Identification

Smart Lead Map

3-lead AHA   3-lead IEC   5-lead IEC   5-lead AHA

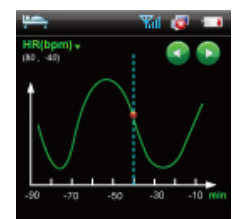# Multi-display Modes

ECG + RR   ECG + SpO_2 Large Font SpO_2 + PR   Trend

iT20
Telemetry Transmitter

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A world of potential