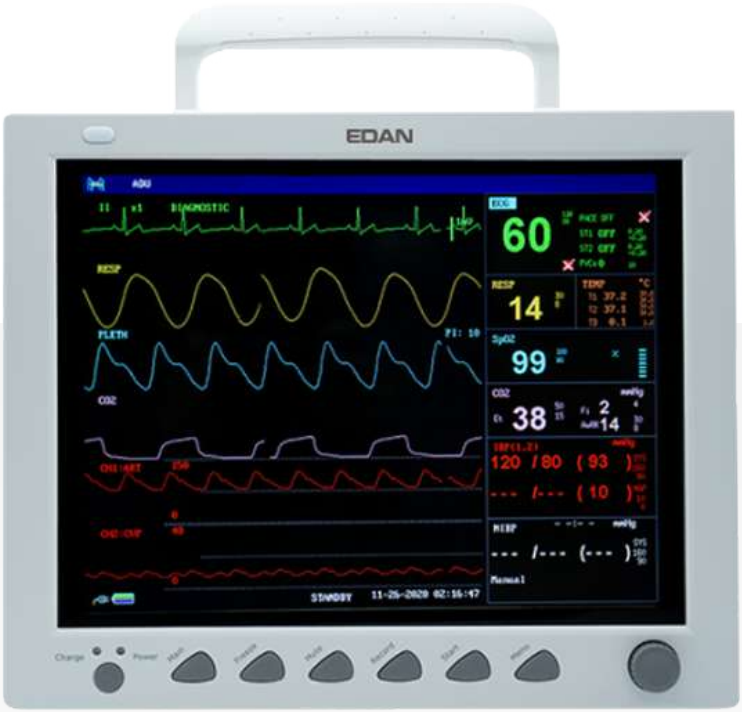
EDANUSA by MDPRO

iM8

Patient Monitor



Central Monitoring System Supportive

Quick Access Buttons

Customizable Display & Alarm Settings

The iM8 puts reliable monitoring technologies at your fingertips. With its accurate readings and optimized performance, the iM8 can meet basic monitoring needs, bringing you easy access to high-quality healthcare for all patients.

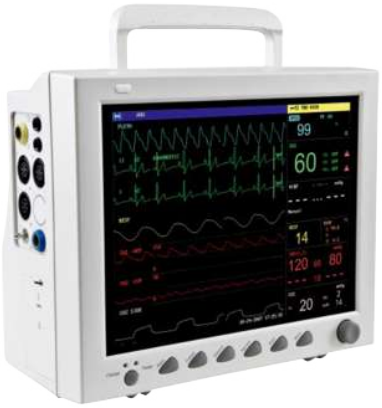
Features:

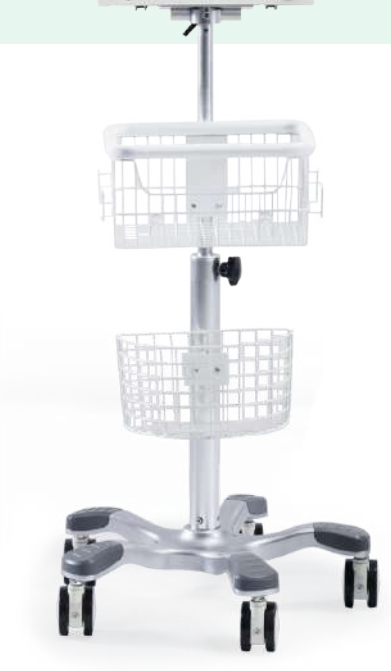
- 12” LCD Screen
- Pacemaker detection
- HL7/LAN connection to EMR/Central Station
- Built-in rechargeable Li-ion battery
- Pitch tone (pulse-tone modulation)
- Dual-mode anti-interference pulse oximetry
- Defibrillation and electrosurgical interference protection
- Unique iSEAP™ algorithm optimized for arrhythmia patients

Standard Parameters: 3/5 Lead ECG, HR, RESP, SpO2, NIBP, PR, 2-Temp
Standard Features: Dual IBP Slots, VGA Output, 96-hour trend storage, HL7/LAN connection, USB
Optional Configurations & Features: 2-IBP, Respironics CO2 (Mainstream and Sidestream), G2 CO2 (Sidestream), Thermal Recorder, Nurse Call (with CMS)

Easy to Carry Design

iM8’s easy-to-carry design enables healthcare provides to monitor their patients’ health status from almost anywhere.





Display Modes

3/5-lead ECG Analysis

OxyCRG for Neonate

Large Font

Trend Screen

End Tidal Carbon Dioxide Monitoring

EDAN G2 CO2 (sidestream)
Superior water trap design for accurate monitoring
iCARB™ algorithm with Intelligent CO2 pseudo wave identification technology

Respironics CO2 (mainstream/sidestream)
Plug & play module design
Utilizes sampling lines with dehumidification tubing
Low sampling rate of 50ml/min

Configurations

iM8 — Standard configuration: 3/5-lead ECG, RESP, NIBP, 2-TEMP, PR, HR, EDAN SpO2. Open CO2 and IBP ports.

iM8.P — Standard configuration with thermal printer installed.

iM8-G2 — Standard configuartion and Internal Sidestream G2 CO2 module.

iM8-G2.P — Standard configuration with Internal Sidestream G2 CO2 module & thermal printer installed.

Included Accessories

- Skin Temperature Probe — ***01.15.040187***
- EDAN Adult Reusable SpO2 Sensor — ***SH1.Lemo***
- Adult Cuff (25cm-35cm) — ***Cuff.E9***
- NIBP Tube (3m) with connector — ***01.59.036118-11***
- 3-lead ECG integrative Cable with Lead wires, Snap (AHA) — ***01.57.471095-10***
- Rechargeable Lithium-Ion Battery (14.8V, 4200mAh) — ***01.21.064143***
- Power Cord — ***01.13.036106***

G2 ACCESSORIES

- Edan Dewatering Cups for G2 CO2 — ***02.01.210520***
- ETCO2 Sampling Cannulas, Adult cannula with 7' CO2 line. Male Luer-Lock Connector — ***4000-7-25***
- ETCO 2 Sampling Lines 10' (Male to Female) — ***4410-10-25***

Specifications

PHYSICAL SPECIFICATION
Device Dimension:
320 mm (L) x 150 mm (W) x 265 mm (H)
Weight: approx. 5 kg

DISPLAY
Color TFT LCD: 12.1”
Resolution: 800x600
Traces Displayed: Up to 8
Waveforms Displayed: Up to 11
Sweep Speed: 6.25, 12.5, 25, 50 mm/s

ECG
Lead Type: 5-lead and 3-lead selectable
Gain: Auto, x 0.125, x 0.25,
x 0.5, x 1,x 2, x 4
Sweep Speed: 6.25, 12.5, 25, 50 mm/s
ECG HR Range:
Adult: 15-300 bpm
Pediatric / Neonate: 15-350 bpm
Resolution: 1 bpm
Accuracy: +1 bpm or +1%
Filter:
Diagnostic Mode: 0.05 ~ 150 Hz
Monitoring Mode: 0.5 ~ 40 Hz
Surgical Mode: 1~20 Hz
ST-Segment Detection:
Measurement Range: -2.0 mV~2.0 mV Alarm
Range: -2.0 mV~2.0 mV

RESP
Method: Trans-thoracic impedance Operation
Mode: Auto/Manual
RR Measurement Range:
Adult: 0~120 rpm
Neonate/Pediatric: 0~150 rpm
Resolution 1 rpm
Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40 s
Band Width: 0.2-2.5 Hz (-3 dB)
Sweep Speed: 6.25, 12.5, 25, 50 mm/s

SPO2
Measurement & Alarm Range:
0~100% (Sp02)
Resolution: 1%;
Accuracy: +2% (70~100%,
Adult/ Pediatric) +3% (70~100%,
Neonate)
PR Measurement:
Resolution: 25-300 bpm
1 bpm
Refresh Rate: 1 second

NIBP
Method: Automatic Oscillometric
Operation Modes: Manual/Automatic/ Continuous
Auto Measurement Time Interval
1, 2, 3, 4, 5, 10, 15, 30, 60, 90,
120, 240, 480 minutes
Measurement Unit: mmHg/kPa
Measurement Types: Systolic, Diastolic, Mean,
Pressure Range:
Adults:
Systolic: 40~200 mmHg
Diastolic: 10~160 mmHg
Mean: 20~235 mmHG
Pediatrics:
Systolic: 40~200 mmHg
Diastolic: 10~150 mmHg
Mean: 20~165 mmHG
Neonates:
Systolic: 40~135 mmHg
Diastolic: 10~100 mmHg
Mean: 20~110 mmHG
Resolution: 1 mmHg
Accuracy:
Max Mean Error: +5 mmHg
Max Standard Deviation: 8 mmHg
PR from NIBP Measurement Range:
40~240 bpm
Resolution: 1 bpm
Accuracy: 3 bpm or 3.5%
SP10:2002

IBP (2 Channels, Optional)
Measurement Pressure:
ART, PA, CVP, RAP, LAP, ICP, P1, P2 Measurement
Range: -50~300 mmHg Resolution: 1 mmHg
Accuracy: +2% or +1 mmHg (whichever is greater,
without probe)
Sensitivity: 5μV/V/mmHg
Impedance Range: 300-3000Ω

PHILIPS RESPIRONICS CO2 (Optional)
Type: Sidestream/Mainstream
Range: 0~150 mmHg
Accuracy:+2 mmHg 0~40 mmHg,
+5% 41~70 mmHg
+8% 71~100 mmHg
+10% 101~150 mmHg
AwRR Accuracy: +1 rpm

CO2 SIDESTREAM
Range: 0~13% (0-100 mmHg)
Accuracy: +2 mmHg < 5.0% C02 <6% of the reading
>5.0% C02
Sample Flow Rate: 100~200 ml/min

TEMP (2 Channels)
Measurement/Alarm Range:
Resolution: 0~50 oC (32-122 oF)
Accuracy: 0.1 oC
Channel: +01 oC (without probe) Dual-channel.
Provide T1; T2; ΔT

THERMAL RECORDER (Optional)
Print Speed: 25, 50 mm/s
Power Supply
AC Power: 100~240 V AC, 50/60 Hz Battery: 14.8 V
Rechargeable Li-ion Battery