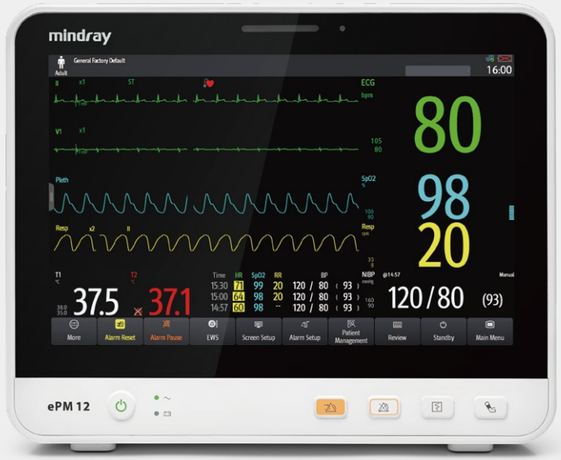
mindray

ePM 10/12/15

Compact Patient Monitor

The evolution of simplicity

Inspired by the needs of customers, Mindray patient monitors adopt advanced technologies and transform them into accessible innovation. The ePM delivers excellent visual experience, intelligent operation, accurate physiological measurements, smooth workflow and comprehensive connectivity options for demanding hospital settings, such as Emergency Rooms, Recovery Units, Sub-acute Units and General Wards.



Minimalist Design

Multi-touch capacitive screen
Supports gestures operations

Wide viewing angle
Makes display more visible

1280x800 pixel (10.1"/12.1")
1366x768 pixel (15.6")
Provides HD visual experience

Auto brightness
Reduces light interference at night

Fanless design
Reduces the risk of cross-contamination

Durable and robust casing
Validated for cleaning with 49 leading disinfectants

Thoughtful Design for Cleaning

- Ergonomic, concealed handle without cleaning blind spot
- Streamlined design makes cleaning easier
- Screen lock for easy cleaning

Flexible Mounting Solutions

- A wide range of mounting solutions designed for various clinical settings
- The release mechanism allows for quick removal from the wall mount or rolling stand for transport





Accurate, Reliable Parameters

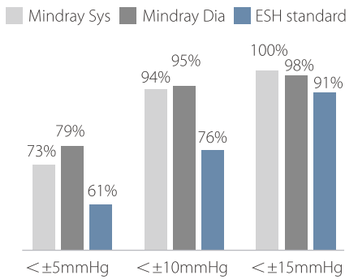
Comprehensive Monitoring

Integrated Platinum™ MPM parameters:
3/5/12-lead ECG, respiration, SpO_2*, temperature and NIBP.

- Multi-lead ECG algorithm with ST & QT analysis
- Low perfusion SpO_2 algorithm
- Fast, accurate and motion tolerant NIBP algorithm, validated by British Hypertension Society (BHS)

Wide measurement range and anti-interference performance ensures excellent parameter accuracy and reliability.

The ePM also provides advanced parameter options:
2-ch invasive blood pressure, $EtCO_2$ and cardiac output measurement, making it suitable for a wide range of clinical settings.



Validated NIBP Technology
BHS evaluation results of NIBP accuracy

** Mindray provides 3 options of SpO_2 measurement, Mindray, Masimo and Nellcor. For further information about the availability of Masimo and Nellcor SpO_2, please contact with your local sales representitives.*

Reduce False Alarms with CrozFusion™

Innovative multi-parameter alarm analysis can reduce false arrhythmia alarms and promote the accuracy of heart rate and pulse rate, and help to alleviate alarm fatigue.

Accuracy of HR & PR

False lethal arrhythmia alarm

False arrhythmia alarm

Note: The results are based on an evaluation by Mindray multi-parameter fusion database.

Extensive Data Storage at the Bedside

2400 hrs	48 hrs	3000 sets	2000 sets	400 sets
Trends @ 10 minutes	Full disclosure waveforms for all parameters	NIBP measurement	Events	OxyCRG events

Note: These are the Maximum storage capacity of ePM devices with 16G storage.

Simplicity at Your Fingertips

Intelligent Operation Experience

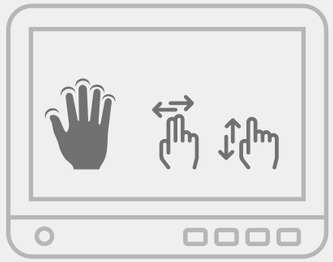
- Operate with gestures, just like a tablet PC
- Access to the most common functions in 2 steps or fewer
- Quickly identify disconnected sensors with the innovative AlarmSight technology

Smooth Workflow

Based on clinical insight, the ePM has optimized workflows to support caregivers at the bedside, swiping the touchscreen to switch between commonly used functions and interfaces, enabling clinical tasks to be completed quickly and accurately.

View from a distance
Intuitive big numerics

View at bedside
Highlights abnormal readings



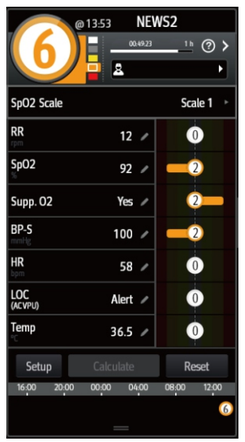
Ward rounds or nurses hand over
Quickly review the patient status changes

Review and analyze
24hrs waveform review and critical alarms

Early Warning Scoring (EWS)

Mindray ePM monitors provide a point-of-care EWS calculator to help clinicians track and document signs of patient deterioration, aiding faster and more informed patient care decisions.

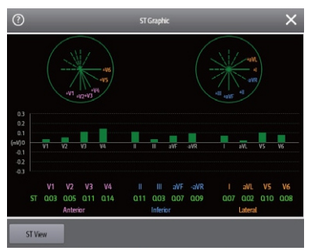
- Compliant with the National Early Warning Score (NEWS), National Early Warning Score 2 (NEWS2) and Modified Early Warning Score (MEWS) protocols
- Alternatively, create custom protocols to suit your hospital requirements
- Intuitive layout and trends review helps caregivers visualize data quicker
- Automate EWS calculations quickly at the bedside
- Display score escalation instructions on-screen to remind caregivers make rapid care decisions
- Integration to the Electronic Medical Record (EMR) for fast, accurate electronic vitals and early warning scoring documentation



The Early Warning Score tool, as displayed on ePM devices

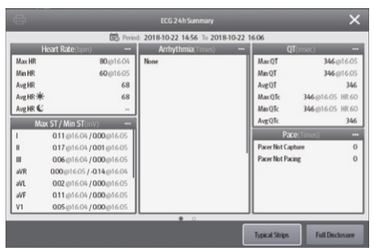
Clinical Assistive Applications (CAA)

The ePM provides efficient Clinical Assistive Applications (CAA) to help support safe and efficient decision making in mid-acuity and general ward areas.



ST Graphic ™

Glasgow Coma Scale



24 hours ECG summary

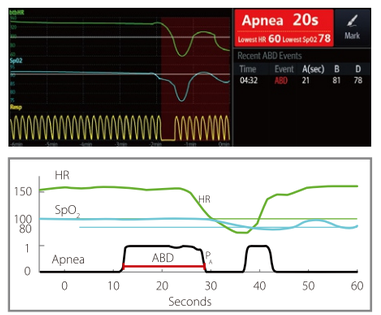
Supporting Safety in Neonates

SpO_2 Screen

- Intuitive SpO_2 target management dashboard helps to reduce risk of excessive oxygenation
- 24 hours of SpO_2 statistics helps caregivers to evaluate the treatment effects

OxyCRG

- Effectively identify apnea of prematurity as ABD event
- Detailed and complete records of events help caregivers quickly identify the cause



Valuable and Accessible IT Solutions

Mindray ePM devices can connect to the Central Monitoring Station (CMS) and eGateway through both wired and wireless networks, as well as interfacing with third-party electronic medical records (EMR) via HL7 output directly.

The ePM helps enhance clinical work flow and efficiency with it's flexible yet reliable connectivity capabilities.

- The View Other Patient function allows caregivers to see, in real-time, up to 12 other beds on a single ePM screen. This seamless information exchange between bedside monitors can help caregivers view all their patients at once, without the need for CMS.
- With the ePM Caregroups function caregivers can quickly find and review their assigned patients or ward when connected to the CMS.

Data from ePM devices can be easily connected to the CMS and Mobile Viewer, giving clinicians access to their patient data anytime and anywhere in the hospital.

- The CMS Early Warning Scores (EWS) dashboard provides an intuitive display of patient status, with dynamic updates pushed to the Mobile Viewer, alerting caregivers to changes in patient conditions and potential risk of deterioration.