



MobiEye 700
Mobile Radiography System
Insight with
Power and Mobility



Surpassing with Effort and Revelation

MobiEye 700 as one of the most anticipated radiology products in 2015 has concentrated the unremitting effort and unparalleled technology from Mindray R&D capacity. With absolute advantages on the superior power system and intelligent mobility, the contribution from MobiEye 700 is far more beyond redefinition of current mobile digital radiology devices, but the revelation for surpassing into the next era.

Evolution more than figures

Nothing is more intuitive than figures to demonstrate any advantages. Simple figures are endowed with absolute confidence to surprise every witness. Within the connotation of each figure MobiEye 700 has become more alive and more vigorous. It presents to everyone not like an innovation any longer, more like a remarkable evolution.



Power



Mobility



Reliability



Performance



MPX Detector



M-Share



7

7 Days Endurance

70

70km Travelling Distance

700

700 Times Exposure



Power

Beyond the Limitation

Till nowadays, the critical limitation of mobile radiology device is the inefficient and short-acting power management which brings lot inconvenience during the clinical diagnostics. The innovative Dual-Mode Power Management technology and superior-capacity battery are firstly introduced in MobiEye 700 to solve this difficulties fundamentally.

Superior Battery Capacity

- Single-full Charged Battery is capable for '7,70,700 Concept'

Dual-Mode Power Management

- Power Extraction from Long-life Battery
- Wall Current for All Functions

Rapid-Charging Function

- 2hr Charging up to 80% Battery Capacity
- 5 Minute Charging for 20 times exposure

Mega-Capacitors Technology

- Equilibrium the Strength of the Current
- Reduce the Burden on the Battery
- Enhance the Battery Life-span





Reliability

Productivity with High-Quality

Attention to the details is one of the most significant aspects to ensure the high-efficient workflow and most comfortable operation for technicians. A large amount of innovative and humanized designs contribute MobiEye 700 to becoming a reliable companion for radiology diagnostics.

High-Quality Image

- Mindray's Intelligent Imaging Processing Technology
- Classic and Dedicated

Anti-collision design

- 270 Degree Implanted Sensors for Emergency Stop
- Double Ultrasound Sensor for Buffering

Detector Security Technology

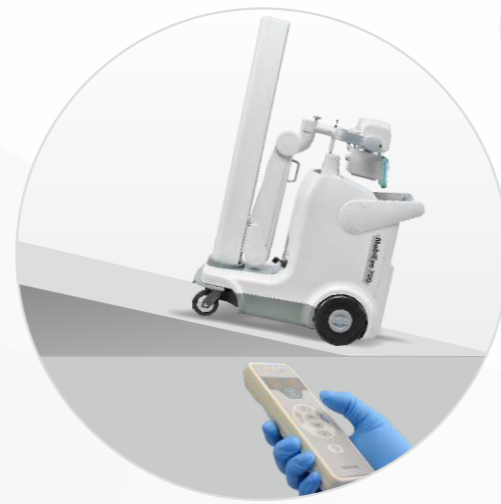
- Infrared Sensor for Detector Holder
- Detector Lock on the Control Panel

Exposure State LED Indicator

- Display the exposure and operational states of MobiEye 700

Auto/Manual Motion Mode

- The manual mode ensures the device is capable to move without and power



2cm Vertical Obstacle Across

2

9 Degree of Freedom

9

12 Degree Slope-Climbing

12



Mobility

Intelligence to Everywhere

As the name implies, mobility is the major criterion for any mobile device. Mindray's unique bionic manipulator and multiple control mode bring the absolute advantages on the motion and positioning. With all these features, MobiEye 700 is fully-deserved the 'SUV in mobile radiology device' and also capable of delivering its intelligence into any complicated operational environment.

Marvelous Mobility

- 12 Degree Slope-climbing
- 2cm Vertical Obstacle Across
- 360 Degree Rotation with One-hand Operation
- Intelligent speed regulation

Unique Bionic Manipulator

- Optimized Bionic Design;
- 8 High DoF Mechanical Joint

Multiple control Mode

- Ergonomic designed Handle
- RF Remote control for advanced movement

Slimmer & Lighter

- 55cm Device Width
- 370 kg Weight



Performance

Productivity with High-Quality

Mindray's Unique DROC Software with classic configuration provide the highly stable system and efficient workflow. In the meanwhile, 9 degree of freedom on the movement combines with the bionic manipulator offer the maximum examination coverage on the clinical applications

Advanced DROC Software

- Classic DROC Workflow, Operation and Functions
- Dedicated Upgrading for 19 Inch Multi-touch Screen

Leading Configuration for Optimized System

- Mindray's Self-Product HVG
- 30/50 kW Electric Power
- 460kHz Inverter Frequency

Maximum Examination Coverage

- 2.3m Maximum Height for the Tube Head;
- 1.8 SID for All Region of Interest



MPX Mindray Detector

Remarkable from Self-produced

Mindray's self-produced MPX Series detector and 'Mind-Home' concept are firstly introduced to the public with its remarkable breakthrough. Mindray's top-level patented technologies have been assembled within MPX light-weighted wireless detector and provide satisfactory performance in the meanwhile.

Mindray MPX Series Detector

- CsI (Caesium Iodide) for Core Material
- High DQE
- Wireless Design

Liquid & Dust Resistant

- Blood & Body Fluid
- Liquid & Powdered Medication

Say 'No' to Bulky

- Weights only 3.3kg
- Optional Gird for Maximum Flexibility

Mind-Home

- Automatic Detector Charging
- Detector Security & Protection



M-Share

Strategy for Unification

As the high-Speed and sharing has become the most significant developing trends of network information for the next era. Mindray 'M-Share' concept is proposed to implement this great innovation on the quality healthcare service. This remarkable application has enhanced the limitation on the speed of information exchanging and also brought the unification of radiology products for providing high-efficiency workflow and less-cost upgrading solutions.



Detector Wireless 5G Conjugate

- Innovative Antenna Technology for 5G WIFI Connection
- Ultra-high Speed Data Acquisition and Transmission

Unification of Mindray DR Family

- Excellent Compatibility for Fixed and Mobile Radiology Device
- Cost-efficient Solutions for DR Upgrading

