

# MobiEye 700

Mobile Radiography System

## Insight with Power and Mobility





# Insightful Innovation Revolutionary Redefinition

As one of the most anticipated radiology products, MobiEye 700 is the product of concentrated, unremitting effort and unparalleled technology from Mindray R&D team. With an advantageous, superior power system and intelligent mobility, the MobiEye 700 far surpasses other contemporary mobile digital radiology devices. It is a product of a new era.

# Evolution more than figures

Nothing is more intuitive than quantitative data to demonstrate clear advantages. MobiEye 700 boasts more superiority and utility with every measure of its quality. In the eyes of such data, it is no longer only innovation -it is a remarkable evolution of past products.



Power



Mobility



Reliability



Performance



MPX Detector



M-Share



70

70 km Travelling Distance

700

700 Times Exposure



## Power

### Beyond the Limitations

Until recently, the most critical limitation of mobile radiology devices is inefficient and short-acting power management, which brings much inconvenience during clinical diagnosis. Mindray has invested its new, innovative dual-mode power management technology, mega-capacitors circuit and superior-capacity battery especially to the MobiEye 700 to solve this fundamentally hindering problem. With the introduction of problem-solving improvements, MobiEye 700 proves yet again to be the favorable choice.

#### 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

- 2 hour charging up to 80% battery capacity
- 5 minute charging for 20 exposures

#### Mega-Capacitors Technology

- Maintain the equilibrium of current strength
- Reduce the burden on the battery
- Enhance the battery life-span



## Reliability

Innovation to Trust

Attention to the details is one of the most significant aspects Mindray focused on to ensure high-efficiency workflow and consistently comfortable operation for technicians. A large amount of innovative and humanized designs have made MobiEye 700 a reliable companion for radiology diagnostics in the future.

### High-Quality Image

- Mindray's intelligent imaging processing technology
- Classic quality and dedicated features

### Anti-collision Design

- 270 degree implanted sensors for emergency stop
- Double ultrasound sensors for motion buffering

### Detector Security Technology

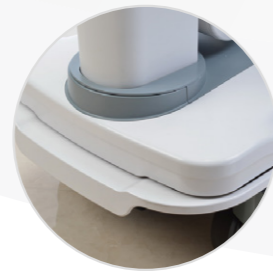
- Detector holder activating sensor
- Detector lock on the control panel

### Exposure State LED indicator

- Display the exposure and operational status

### Auto/Manual Motion Mode

- The manual mode ensures the device is capable of moving without any power



2cm Vertical Obstacle Across

2

9 Degree of Freedom

9

12 Degree Slope-Climbing

12



## Mobility

Intelligence for Everywhere

As the name implies, mobility is the major criterion for any mobile device. Mindray's unique bionic manipulator and multiple control mode are absolute advantages in motion and positioning. With all these features about the mobility, MobiEye 700 is capable of delivering its intelligent performance 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 flexible mechanical joints

### Multiple Control Mode

- Ergonomic designed handle
- RF remote control for advanced movement

### Slimmer & lighter

- 55cm maximum device width
- 370 kg weight