



KONICA MINOLTA

AeroDR

10 x 12 inch flat panel detector



Giving Shape to Ideas

The latest addition to the AeroDR family

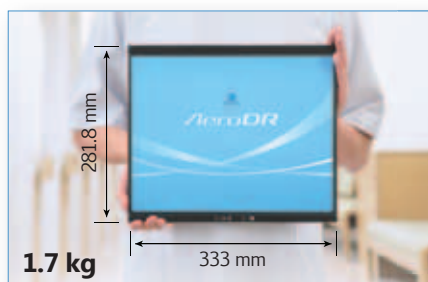
With the AeroDR 10"x 12" wireless flat panel detector, Konica Minolta extends its product line up, offering an even greater scope of application. This youngest addition to the AeroDR family is ideally suited for Neonatal and Orthopaedic examinations. Conformance to ISO standard dimensions allows the detector to be used in incubator trays for examination of newborn babies as well as in existing X-ray rooms without any modifications.

An easy upgrade to benefit both user and patient

Using AeroSYNC, Konica Minolta's X-ray detection technology, will enable you to easily retrofit existing mobile X-ray devices and X-ray rooms. The panel's lightweight and robust design allows for easy handling while drastically reducing the risk of drop damage. At the same time, Konica Minolta's own CsI scintillator helps to achieve a high DQE contributing to outstanding image quality.

Fully charged in only 30 minutes

All AeroDR flat panel detectors use a Lithium Ion Capacitor, enabling an empty to full charge time of only 30 minutes. The Capacitor has a lifetime that equals the lifetime of the detector itself so there is no need for expensive replacements. Unlike conventional batteries this technology eliminates the chance of overheating, which leads to increased patient safety.



Specifications

Detection Method	Indirect conversion method
Scintillator	CsI (Cesium Iodide)
Dimensions (WxDxH)	281.8 x 333.0 x 15.9 mm
Pixel size	175 µm
Weight	1.7 kg
Weight durability	150 kg @ ø 40 mm / 300 kg @ full image field
Communication	Wireless LAN (IEEE802.11a compliant) / dedicated wired ethernet connection
Image preview time	Less than 2 seconds
Cycle time	Approx. 7 seconds (with dedicated wired connection) Approx. 9 seconds (with wireless LAN connection)
Image field	1.404 x 1.696 pixels
Battery type	Lithium Ion Capacitor
Battery charging time	Empty to full within 30 minutes
Number of exposure images	146 images / 4.0 hours

*under the condition that the interval between studies is 5 minutes and 3 images are captured in each study.



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Distributed by :

MEUN1410201301