



KONICA MINOLTA

AeroDR HD Portable

Portable Digital X-Ray system

SIMPLE AND UNIVERSAL

Konica Minolta has developed a portable digital X-ray solution that allows radiography professionals to do an easy and quick diagnosis wherever and whenever needed.

1 Latest detector technology featuring 1417HD detector with 100um Pixel Size for unparalleled image quality.

2 Smart tablet which can be removed from the keyboard docking station allowing for maximum freedom of movement.

3 This complete digital X-ray solution is now available in a portable carry-on bag to easily bring it to the point-of-care.



Speed - Its improved cycle time of 6 seconds in Wireless mode, allows you to do more exams per day and enables you to achieve a quicker diagnosis.



Capacitor - With a charging time of only 30 minutes, the AeroDR HD is completely charged from empty to full.



Lightweight - Konica Minolta's AeroDR HD is one of the world's lightest 14x17 inch Flat Panel Detectors (2.6kg).



Robust - The AeroDR was already known for having a high surface load (400 kg), making it suitable to be used with all types and sizes of patients.



Waterproof - The AeroDR HD is waterproof (IPX6).



AED - The hybrid detection technology inside the detector has contributed to an even more reliable Automatic Exposure Detection (AED) with AeroSync.



100% Wireless - The portable kit is completely wireless both for data transmission as well as power supply.

100 µm resolution -

- Display micro structures
- Better visibility of trabecular bone
- Edge of the bone is more clear
- No "pixel shape" when zooming in
- Higher DQE and Lower Radiation doses

TECHNICAL SPECIFICATIONS

The bag consists of 2 detachable components. The main bag holds the detector and tablet PC, the peripherals bag holds the chargers and power cables. This way, you only have to carry the items that are necessary at that time. It is made of lightweight, robust fabric and includes padding for optimal protection.

Carrying with either handstraps or a shoulderstrap is both possible. AeroLink, which is available with the AeroDR HD detectors, creates the ultimate '2 device solution' for easy data transfer.

AeroDR 1417 HD	
Product type	AeroDR HD 14 x 17"
Detection method	Indirect conversion method
Automatic Exposure Detection (AED)	AeroSync
Scintillator (fluorescent substance)	CsI (Cesium Iodide)
External dimensions	384 x 460 x 15 mm (W x D x H)
Weight	2.6 kg
Pixel size	100 µm
Image area size	348.8 x 425.6 mm (3488 x 4256 pixels)
A/D conversion	16 bit (65.536 gradients)
Maximum patient weight	Point load: 180 kg @ Ø40 mm, Face load: 400 kg @ effective image area
Waterproof	Yes: IPX6
Dynamic range	4 digits
Preview display time	< 2 seconds
Exposure interval (cycle time)	Approx. 6 seconds (wireless connection)
Battery type	Lithium-ion capacitor (built-in)
Battery charging time empty to full	Within 30 minutes
Standby time	Approx. 20 hours

Also available in 10 x 12 inch size with alternative specifications

Surface book 2	
Dimensions	312 mm x 232 mm x 13 mm-23 mm
Display	Screen: 13.5" PixelSense™ Display
Memory	8GB RAM 1866Mhz LPDDR3
Processor	7th Gen Intel® Core™ i5-7300U dual-core processor, 3.5GHz Max Turbo
Storage	Solid state drive (SSD): 256GB
Wireless	Wi-Fi: IEEE 802.11 a/b/g/n/ac compatible Bluetooth Wireless 4.1 technology
Battery life	Battery life battery life Surface book (tablet mode) 5 hours Battery life surface book (book mode) 17 hours

Portable bag		Weight	Dimensions (lxhwx)
Model	99HC2166-2018		
Dimensions	Panel and laptop compartment (excl. parts)	1000 gram	405x480x70
	Panel and laptop compartment (incl. parts)	5550 gram	
	Complete bag	1700 gram	405x480x165
	Complete bag including equipment	7550 gram	



AeroDR HD

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