



KONICA MINOLTA

WIRELESS DIGITAL RADIOGRAPHY SYSTEM

AeroDR NS

THE NEXT STANDARD
The new choice for Digital Upgrades.

AeroDR NS is the value model in the AeroDR series, which incorporates all important functionalities for digital upgrades for your X-ray room.

- High quality images by CsI scintillator
- 150 μ m pixel pitch, high resolution images
- Automatic Exposure Detection
- IPX1 Water Resistance
- Image Storage, Internal AP
- Simple operation, Easy installation

<Product configuration>



Giving Shape to Ideas

AeroDR NS 1417 Specifications

Product name (model name) *1	AeroDR NS 1417 (P-41)	
Detection method	Indirect conversion method	
Scintillator	CsI (Cesium Iodide)	
External dimensions (WxDxH)	384×460×15mm (15.1×18.1×0.6 inch)	
Weight (including Battery)	3.6kg (7.9lb)	
Pixel size	150 μm	
Image area size	345.6×420.0mm (13.6×16.5 inch)	
AD conversion	16 bit (65,536 gradients)	
Usable grid frequency	40lp/cm	
Communication	Wireless LAN (IEEE802.11a/n/ac compliant)	
W-LAN encryption	Wireless encryption method : AES / Authentication method : WPA2-PSK	
Auto Exposure Detection (AED)	Available	
Image Storage	200 images	
Durability	Point load *2	100kg @ φ40mm
	Face load *2	150kg @ effective image area overall
	Water resistance *3	IPX1
Preview / Cycle time	Approx. 4 sec / 10sec	
Battery	Lithium Ion	
Recommended storage and usage environment condition	Operating:	(Temperature) 10 to 35°C (50 to 95°F) (Humidity) 35 to 80% RH (ensure no water condensation) (Atmospheric pressure) 700 to 1060 hPa
	Not in operation/ In storage/Transport:	(Temperature) -20 to 50°C (-4 to 122°F) (Humidity) 20 to 90% RH (ensure no water condensation) (Atmospheric pressure) 700 to 1060 hPa

All in One Solution with ImagePilot

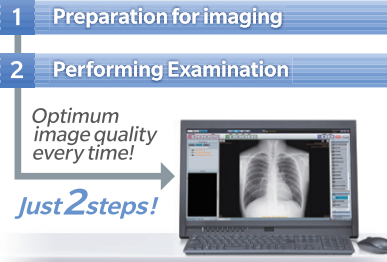
All in One software

Seamless operability can be realized by Console s/w with PACS function.



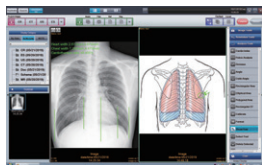
Simple operation

The fully automated image processing (Integral Processing) produces consistent, optimized images.

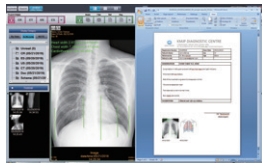


Multifunctional viewing

Supports various functions such as Image viewing, Measurement and Report creation.



Schema, Annotation & Analysis functions



Report creation function

Mobile client option

X-ray images can be referred in anywhere, anytime by iPad.

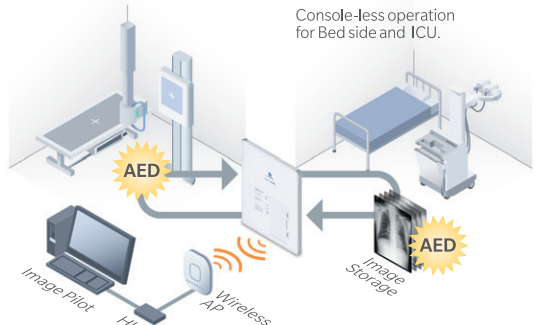


Image Storage function

Rad room

Bed side, ICU

Console-less operation for Bed side and ICU.



Internal AP function

Veterinary



*1 AeroDR NS 1417 is the commercial name of P-41 of SKR 4000. *2 Dead loading does not affect processed images or panels. Robustness against loading of AeroDR NS 1417 is not to provide any guarantees against damage or break downs. *3 The water resistance performance of AeroDR NS 1417 is not to provide any guarantees about perfect water resistance to prevent damage or break downs.

★ In regard to the tested values listed above, the measurement methods complied with the standards of Konica Minolta. ★ Specifications may vary depending on system configuration or environment. The specifications described above assume that AeroDR NS 1417 is connected to an X-ray generator. ★ Specifications are subject to change without prior notice.