



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 $\mu$ 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                                                                                                                                                                                                                                                                                                                                        |
|                                                     | Face load *2                                                                                                                                                                                                                                                                                                                                         |
|                                                     | Water resistance *3                                                                                                                                                                                                                                                                                                                                  |
| Preview / Cycle time                                | Approx. 4 sec / 10sec                                                                                                                                                                                                                                                                                                                                |
| Battery                                             | Lithium Ion                                                                                                                                                                                                                                                                                                                                          |
| Recommended storage and usage environment condition | Operating:<br>(Temperature) 10 to 35°C (50 to 95°F)<br>(Humidity) 35 to 80% RH (ensure no water condensation)<br>(Atmospheric pressure) 700 to 1060 hPa<br><br>Not in operation/In storage/Transport:<br>(Temperature) -20 to 50°C (-4 to 122°F)<br>(Humidity) 20 to 90% RH (ensure no water condensation)<br>(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.

#### 1 Preparation for imaging

#### 2 Performing Examination

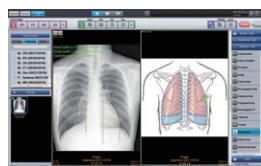
Optimum image quality every time!

Just 2 steps!

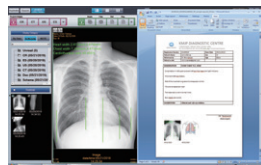


### Multifunctional viewing

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.

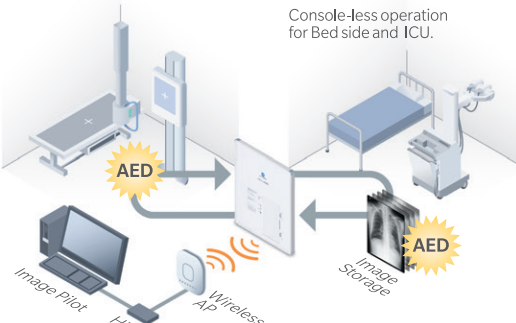


## Image Storage function

### 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.