



KONICA MINOLTA

WIRELESS DIGITAL RADIOGRAPHY SYSTEM

# AeroDR NS 2

## The Next Standard

### Global Imaging Excellence: Crafted in Japan

AeroDR NS 2 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*
- *150µm pixel pitch, high resolution images*
- *Automatic Exposure Detection (AED)*
- *Simple operation, Easy installation*
- *IP56 water and dust resistance*
- *Anti-bacterial carbon SMC enclosure*



 **MADE IN JAPAN**

Giving Shape to Ideas

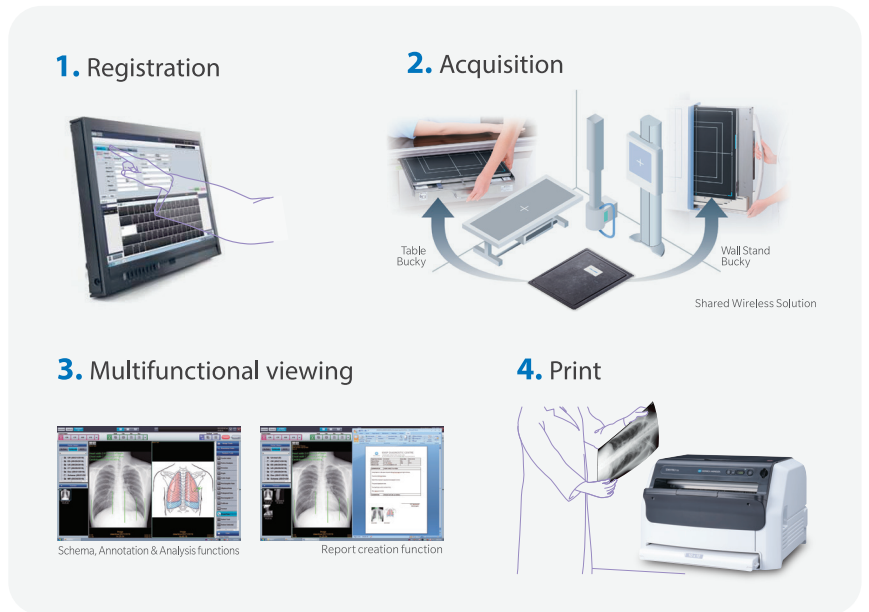


## Image Pilot Console

### ► ImagePilot™

The All-In-One Software Solution

ImagePilot™ software provides you with Registration + Acquisition + Viewer + Measurements + miniPACS functionality for your daily workflow: a true All-in-one solution! The console gives you full control over image quality and allows each exam to be fully customized. Konica Minolta's smart integral processing functionality "AutoPilot" can automatically optimize the acquired images based on your standards and preferences.



## Image Pilot Workflow

### ► Simple patient registration

Patient registration can be done manually or by using DICOM MWM, HL7 or FTP (.csv) to automatically create a worklist. This means ImagePilot can connect to virtually any patient administration software.

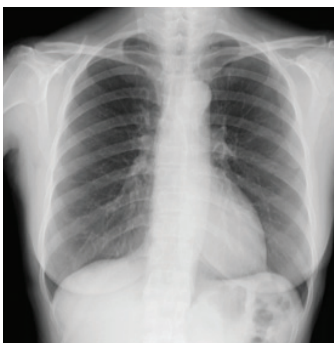
### ► Intelligent acquisition

You don't need to select body parts or exam tags: simply open the patient file, click the acquisition button and expose the AeroDR NS 2 panel. Integral processing will do the work for you.

### ► ImagePilot™ comes equipped with many tools and measurements

For various applications there are various measurements and user tools available. Under "My Tools" a set of tools can be created which are most used for easy access. Provided with dedicated Orthopedic tools and a Bone-Suppression feature: This function delivers an image in which for example the clavicle and the ribs are attenuated. This makes it easier to diagnose thorax images.

## BS Imaging (Bone Suppression)



Original Image



Bone Suppression Image

## Orthopedic Tools

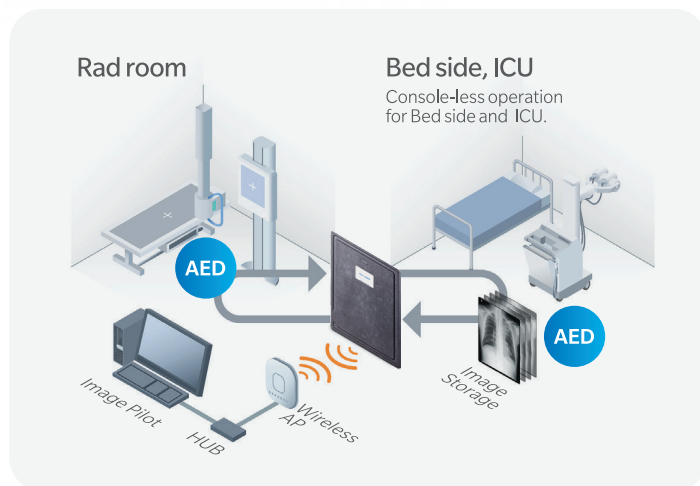
- Talocalcanean Angle
- Bohler Angle
- Hallux Valgus Angle
- Perpendicular Cobb Angle
- Three line Cobb Angle
- Four line Cobb Angle
- Femorotibial Angle
- Sharp Angle
- CE Angle
- AHI
- Ratio Ruler
- CA CP AP
- Sagittal Diameters
- Spinal canal Narrowing Ratio
- Descending ratio of humeral head
- Meyerding
- CABA Angle

# Switch from CR to DR In just a few minutes

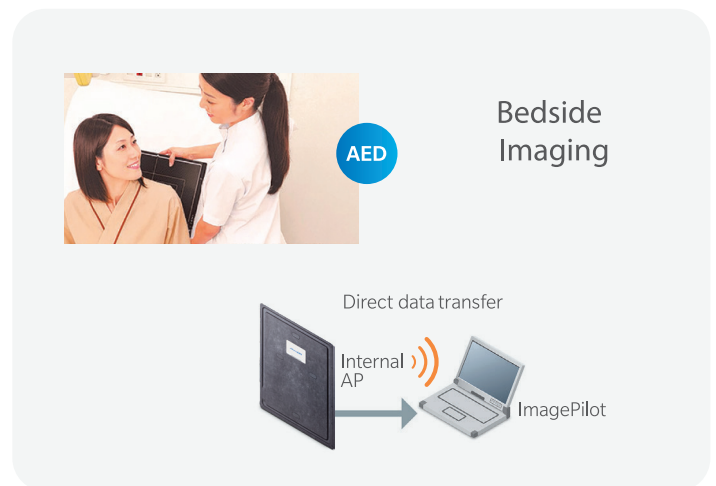
The AeroDR lineup, which responds to the "Want to see" needs of customers around the world, now includes the new AeroDR NS 2. The evolved platform and low electrical noise design delivers higher image quality and greater robustness than previous models. AeroDR NS 2 is designed for ease of use and can meet the needs of a wide range of medical practices.

## Upgrading from CR to DR Has Never Been Easier!

### ➤ Image Storage Function



### ➤ Internal AP Function



### ➤ High image quality = High confidence

With a pixel size of 150 micron, and a CsI scintillator, the AeroDR NS 2 delivers a high image quality for making diagnoses with high confidence



AeroDR NS 2

### ➤ AED & Integrated Access Point

The AeroDR NS 2 has 'Automatic Exposure Detection' so there is no need for cable connections to the generator. An integrated internal Access Point will send the images directly to your screen within seconds. This means a completely wireless workflow!



Other FPD with CSL Scintillator

## AeroDR NS 2 1417 Specifications

|                              |  |
|------------------------------|--|
| Product Name (Model Name)**1 | AeroDR 1417 (P-53)(SKR 3000)               |
| Detection Method             | Indirect conversion method                 |
| Scintillator                 | CsI (Cesium Iodide)                        |
| External Dimensions (WxDxH)  | 384x460x15mm (15.1x18.1x0.6 inch)          |
| Weight (Including battery)   | 2.5kg (5.5lb)                              |
| Pixel Size                   | 150 µm                                     |
| Image Area Size              | 345.6x420.0mm (13.6x16.5 inch)             |
| AD Conversion                | 16 bit (65,536 gradients)                  |
| Communication                | Wireless LAN (IEEE 802.11a/n/ac Compliant) |

|                               |  |
|-------------------------------|--|
| Usable Grid Frequency         | 40lp/cm  |
| Auto Exposure Detection (AED) | Available  |
| Durability                    | Bend Pressure : 130 kg (286.6 Lb)<br>Surface Load : 400 kg (881.8 Lb)<br>Water Proof : IPX6 (Including Powercell)<br>Dust Proof : IPSX (Including Powercell) |
| Preview / Cycle time          | Approx. 2 sec/5 sec (Wireless LAN Connection)  |
| Battery                       | Lithium Ion Capacitor (In-built type)  |
| Battery Performance           | Approx. 150 images / 4.1 hrs.  |
| W-LAN Encryption              | Wireless Encryption Method: AES<br>Authentication Method: WPA2-PSK   |

## Drypro TH & Drypro TH II Specifications

|                     |  |
|---------------------|--|
| Printing Method     | Thermal head printing  |
| Film Size           | 14 X 17 inch ( 35 X 43 cm ), B4 ( 26 X 36 cm ),<br>10 X 12 inch ( 25.4 X 30.5 cm ), 08 X 10 inch<br>( 20.3 X 25.4 cm ) |
| Online Tray         | Drypro TH : One Tray online<br>Drypro TH II : Two Tray online  |
| Print Pixel         | 84.7 µm ( 300 DPI )  |
| Processing Capacity | 14 X 17 – 50 sheet/hour  |

|                                   |   |
|-----------------------------------|---|
| Ambient Operating Condition       | 40 % to 70 % ( at 15 C ) ,<br>15% to 70% ( at 30 C )<br>( no condensing )           |
| Power                             | AC 100-240V 5-2A 50-60 Hz   |
| Dimension                         | Drypro TH : 530 X 470 X 365 / 32 Kg<br>Drypro TH II : 530 X 470 X 545 / 43 Kg       |
| Magazine For Different Film Sizes | S-Magazine : For B4, 10 X 12 inch,<br>08 X 10 inch<br>L-Magazine : For 14 X 17 inch |

## Accessories

### Drypro TH & Drypro TH II



Antibacterial carbon enclosure



Marketed & serviced by:-

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