

See More. See it Fast. See it First.

Draw deeper insights from your X-ray images.



AI READY
3X
MORE DATA
IN EVERY IMAGE
HD 2456 x2968 px: 7.2 M



10%
HIGHER X-RAY
SENSITIVITY
72% (@ 0 cycle/mm)



7 YEAR
POWER CELL WARRANTY
No batteries to change



UP TO
4 HOURS
OF UPTIME ON A
13 MINUTE CHARGE



EXPOSURE
LENGTHS UP TO
4 SECONDS
With Automatic Exposure Detection
(10 seconds with generator connection)



REALISM
ADVANCED HD
IMAGE PROCESSING

Built to last



BEND RESISTANCE
Up to 287 lbs



20% HIGHER DROP
RESISTANCE
Over 1.2 Meters



WATERPROOF
IPX6 Compliant



STRONGER
20% Higher Point Load
33% Higher Distributed Load



EASIER TO HOLD
60% Less Grip
Strength Needed

The AeroDR HD 10x12 Flat Panel Detector.

Clear. Consistent. Reliable.

The Konica Minolta AeroDR® HD Flat Panel Detector provides extremely high-definition radiographic imaging with the same recommended dose, housed in a lightweight, durable and highly water-resistant enclosure. AeroDR HD is equally suitable for retrofit, new X-ray room, or portable unit applications, equipping you with more visual information to make faster, better patient decisions.

AeroDR HD high-definition imaging can easily be added to any existing AeroDR environment to provide additional radiographic capacity and capabilities.

The picture you need when details counts

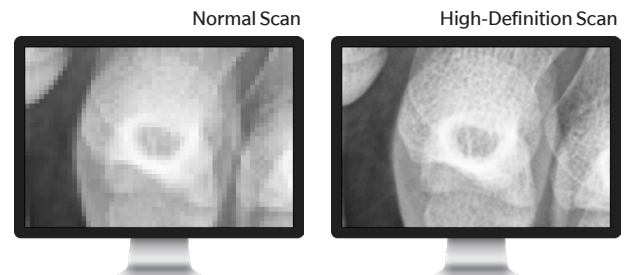
The AeroDR HD detector incorporates 100-micron pixels — up to four times more than standard resolution panels. This high definition allows you to enlarge small structures on an image to conduct the precise analysis required for extremities, pediatrics and other specialties where subtle image details and dose efficiency are vital to diagnosis. A user selectable High Dynamic Range mode aggregates data to provide faster processing, wider dynamic range and high contrast for larger anatomies.

Improved AeroSync® automatic exposure detection for use without a detector connection, simplifies integration and supports exposure durations of up to 4 seconds, with high sensitivity to accommodate bariatric, low-power and other exams that require longer exposure times.

AeroDR® HD's high sensitivity and built-in gridline reduction are designed to optimize performance with a stationary grid

- 100 µm pixel size (5lp/mm) with selectable HD (100 µm) /HDR (200 µm) resolution
- 72% DQE (1mR)@0cycle/mm –additional 25% dose efficiency over current panels
- 16 Bit AD Conversion
- AeroSync – Automatic exposure detection for acquisitions up to 4 seconds
- AeroStorage – In-panel storage of up to 100 images
- AeroLink – Built-in wireless access point for simplified configuration
- Load capacity of 400 kg (881 lbs.) and point loads up to 180kg (397 lbs.)
- Bend resistance to 130 kg (287 lbs.)
- Tested and approved to meet MIL-STD-810G drop resistance testing and IPX6 waterproof rating
- Up to 4 hours of use after a 13-minute charge in High Dynamic Range mode
- AeroRemote® Insights compatibility

Small areas of an image remain clear and crisp when enlarged in a high-definition scan, giving you visibility into subtle details that can aid in diagnosis



Blurring can occur when enlarging a normal scan.

Small areas of an image remain clear and crisp when enlarged in a high-definition scan, giving you visibility into subtle details that can aid in diagnosis.

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