AIR DR™ LE

Innovative Direct Radiography

iCRco | Image Capture Review

AIR DR™ LE
by iCRco

8 | Frames Per Second   **16 |** Bit Resolution   **140µm |** Pixel Pitch

Lower Dose Csl Scintillator | Fastest AED | 17" x 17" Cassette-Sized DR

The **AirDR LE** is the all new 4th Generation AirDR flat-panel detector with complete 17" x 17" detector coverage for easy, "no-rotation" placement. The **AirDR LE** makes no compromise in rugged reliability, largest capture capability, ultra-thin, and light weight form. The **AirDR LE** is our most advanced, low-dose digital radiography solution when paired with the robust and feature-rich image processing **XC™** software. **XC™** provides superior quality images every time with an option to further manipulate the images.

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IMAGE

AIRDR | 140 MICRON DR

AirDRc provides the highest efficiency cesium-iodide based scintillator, 16 Bit available gray scale, and market leading 100 micron active matrix that guarantees image resolution up to 5 lp/mm.

CAPTURE

XC | ACQUISITION

XC touchscreen acquisition with ICE-4 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.

REVIEW

CLARITY PACS

Our fully web-enabled and integrated PACS solutions help transition your practice into a safe, secure, and filmless environment. Clarity PACS™ supports all your current and future imaging needs.

icrco.com

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The **AirDR LE** has been specially designed and optimized to advance the imaging equipment you're using right now. Utilizing it's unique form-factor and embedded Automatic Exposure Detection (AED), the **AirDR LE** is compatible with any X-ray system that works with ISO 4090 - compliant, 43 x 43 cm cassettes.

√ **No need to modify your generator, or bucky**
√ **No need to replace your grids**
√ **No need to discard your wall stand, or table.**
√ **Water Resistant IP3 Rating**
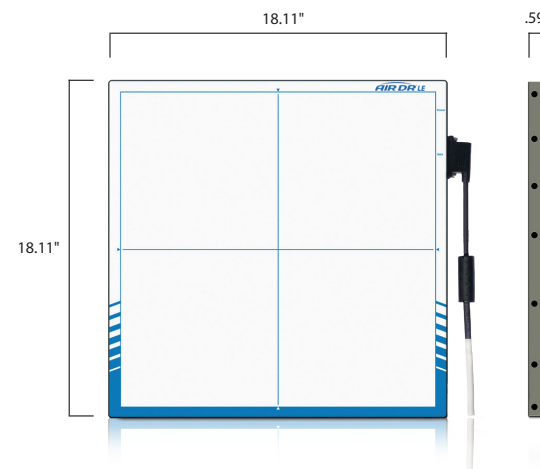√ **Carbon Fiber Construction Durability**
√ **Same Day Installation**

AirDR LE Technical Specs

Technology	a-Si TFT with photodiode
Scintillator	CsI:Tl / Gd_2O_2S:Tb
Pixel Pitch	140 µm
Spatial Resolution	3.5 lp/mm
Pixels	3072 x 3072 pixels
Image Size	17"x17" (43.0 cm x 43.0 cm; 432mm x 432 mm)
Grayscale	16 bit
Image Aquisition Time	Wired: 1.5 seconds Wireless: 3 seconds
Recommended Cycle Time	15 seconds
Data Interface (Data Output)	Gigabit Ethernet IEEE 802.11n
X-Ray Generator Interface	Line Trigger: DR Trigger Mode Auto Trigger: AED Mode
Dimensions	18.11 x 18.11 x .59" 46.0 cm x 46.0 cm x 1.5 cm
Weight	4.2 kg 4.5 kg (9.4 lb) (including battery)
Battery	Lithium Ion 3100 mAh x 2
X-Ray Voltage Range	40 - 150 kVp
Operating Environment	10°C to 35°C 30% tp 85% RH (non-condensing)
Power	DC 24V, 1.0A

XC™ Acquisition Software Features

XC - Intuitive touchscreen acquisition

ICE-4 Processing - Automated image characteristics analysis for maximum image enhancement

Image Display State: Automated enhancement of image display at the point of acquisition

Smart search, sort, and filter options

Integration with front office management systems like RIS and EMR

Full set of annotation and measurement tools

User-preferred settings and privileges

Outer Dimensions

18.11"

18.11"

.59"