

AIR DR_c[™]

by iCRco

Innovative Direct Radiography



18.7 | Megapixel

16 | Bit Resolution

100µm | Pixel Pitch

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

The **AirDRc** is a cassette-sized, flat-panel detector with complete 17" x 17" detector coverage for easy, "no-rotation" placement. The **AirDRc** makes no compromise in rugged reliability, largest capture capability, ultra-thin, and light weight form.

The **AirDRc** 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 Capture Review

IMAGE

AIRDR | 100 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



The **AirDRc** has been specially designed and optimized to advance the imaging equipment you're using right now. Utilizing its unique form-factor and embedded Automatic Exposure Detection (AED), the **AirDRc** 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 and Dust Resistant IP-42 Rating
- ✓ Carbon Fiber Construction Durability
- ✓ Same Day Installation

AirDRc Technical Specs

Application	General Radiography
Sensor	Direct Deposit: Cesium Iodide
Panel	Amorphous Silicon active TFT/diode array
Active Area	17 x 17 inch (432mm x 432 mm)
Sensor Pixel	4,318 x 4,320 (18.7M pixels)
Pixel Pitch	100µm
Image Data	16 bit
Trigger Mode	Auto Sensing, Manual, User Open (for NDT)
Image Preview	2 ~ 5 sec. (approx.)
Image Transfer Time	600 ms. (approx.)
Wired Interface (Data Output)	Gigabit Ethernet and X-ray I/F
Voltage	100-240V ~ , 50/60Hz
Power Consumption	35VA Maximum
Environment	Storage:-10°C ~ 60°C, 10% ~ 90% RH (Non-condensing) Working:10°C ~ 35°C, 20% ~ 75% RH (Non-condensing)
Dimensions (WxLxT)	18.11 x 18.11 x .59" (Cassette-size for the standard table or wall bucky)
Weight	4.5 kg (9.4 lb)

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

