

Innovative Direct Radiography



127 Micron

16 Bit Resolution

9.4 Megapixel

Low Dose Gadox Scintillator | **Faster** AED | **14 "x 17"** Cassette DR

AirDR™-P is a product of the **iCRco Premium AirDR™** family and presents an excellent price to quality ratio. The **AirDR™-P** is equipped with a directly deposited Gadox and Cesium scintillator which provides unparalleled image quality. The cassette-size 14"x 17" DR panel minimizes patient dose and improves throughput, making it an innovative Fail-Safe Detector.

The **AirDR™-P** 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.

IMAGE

AIRDR-P | 127 µm DR

AirDR™-P provides the highest efficiency with the Gadox based scintillator, 16-bit available grayscale, and market-leading 127-micron active matrix that guarantees image resolution up to 3.9 lp/mm.

CAPTURE

XC | ACQUISITION

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

REVIEW

CLARITY PACS

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

icrco.com



The AirDR™-P system has been specially designed and optimized to advance the imaging equipment you are currently using. Using its unique form factor and built-in Automatic Exposure Detection (AED), the AirDR™-P system is compatible with any X-ray system designed to work with 35 x 43 cm cassettes that comply with ISO 4090.

- ✓ No need to modify your generator or bucky
- ✓ No need to replace your grids
- ✓ No need to discard your wall or table mount
- ✓ IP-42 rating, waterproof and dustproof
- ✓ Carbon fiber construction durability
- ✓ Same day installation



AirDR™-P Specification

Panel	Active TFT Amorphous Silicon / Diode Array, Carbon Fiber Construction
Scintillator	Direct Deposit: Cesium Iodide or Gadax
Pixel Matrix	3328 x 2816 = 9.4 Megapixel
Size of Pixel	127 µm
Grayscale	16 bit
Image Preview Time	3 Seconds
Active Area	ISO 4090 cassette size 14" x 17" (35 cm x 43 cm)
External Dimensions	L15.11" x H18.11" x W.59"
Weight	6.17 lbs (2.8 kg)
Weight Capacity	Maximum Weight: 150 lb
Status Indication	OLED Screen (Wifi / LAN / Battery / Sensor)
Wireless Data I/F	Gigabit Ethernet IEEE802.11n/2.4 or 5Gbps
Wired Data I/F	Gigabit Ethernet, trigger and power via docking connector (optional)
X-Ray I / F	Line trigger: DR trigger Mode Auto trigger: AED Mode
Spatial Resolution	3.9 lp/mm
Typical MTF	> 57% at 1 lp/mm
Typical DQE	>77% at 0.5 lp/mm
Temperature	10°C to 40°C, 20 - 75% RH
Battery	Battery rechargeable, 11.1 V
Battery Charger	External two bay charger 100-240 V AC, 50/60 Hz
Interface and Power Unit	AirDR™-P IPU external power supply 100 – 240 V AC, GigE and X-ray I/F

XC™ Acquisition Software Features

XC™ - Intuitive Touchscreen Acquisition

ICE-4 Processing: Automated Image Characteristics Analysis for maximum image enhancement

Image display status: automatic display enhancement the image at the point of acquisition

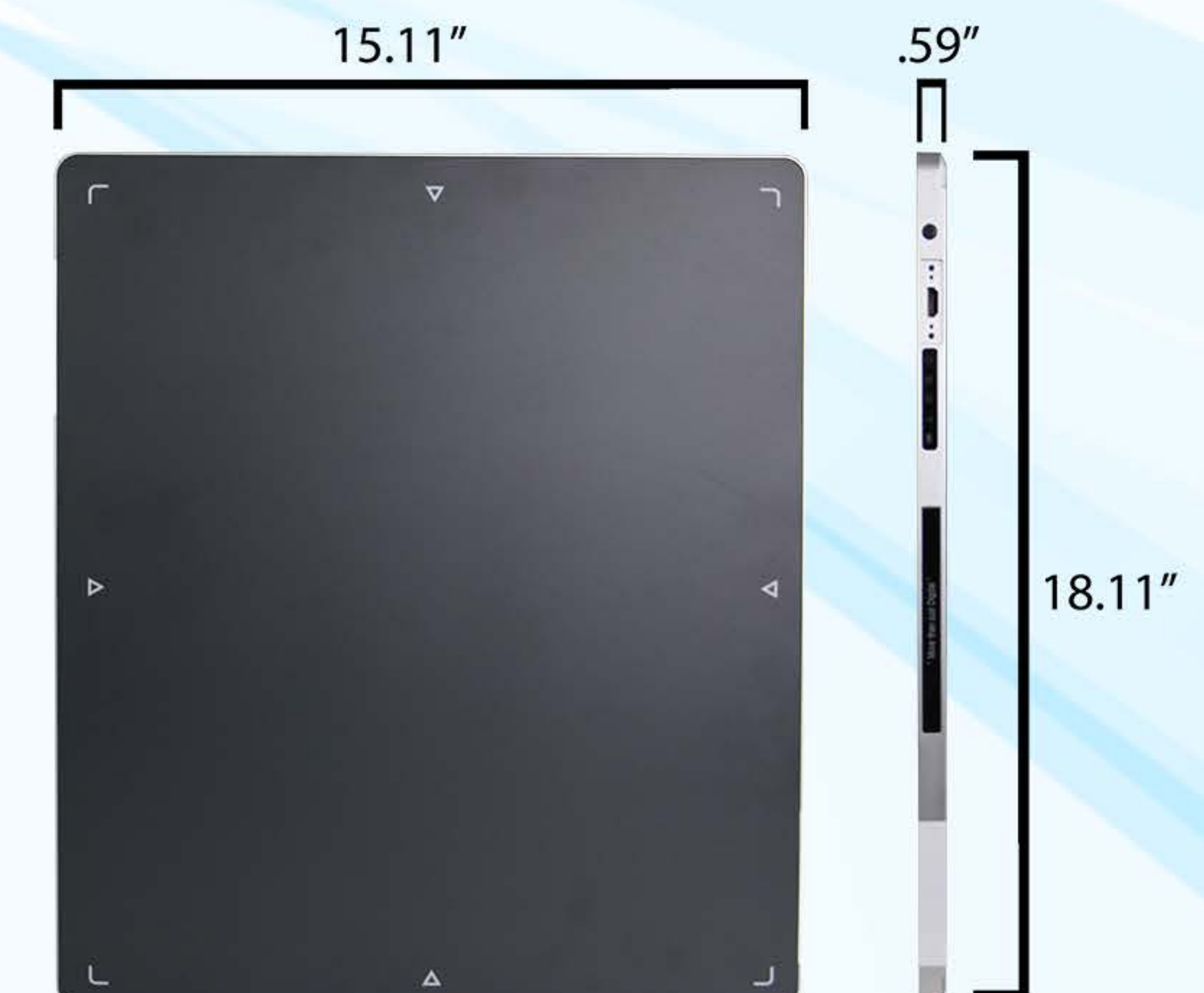
Smart search, sort and filter options

Integration with front office management systems such as RIS and EMR

Complete set of annotation and measurement tools

User-preferred settings and privileges

Exterior Dimension



Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company • U.S. and international patents granted
Additional patents pending. FDA 510 (K) Cleared • Medical CE mark 2797



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*Specifications are subject to change without notice. Processing and display time dependent on processor speed, RAM disk access time, and video card.