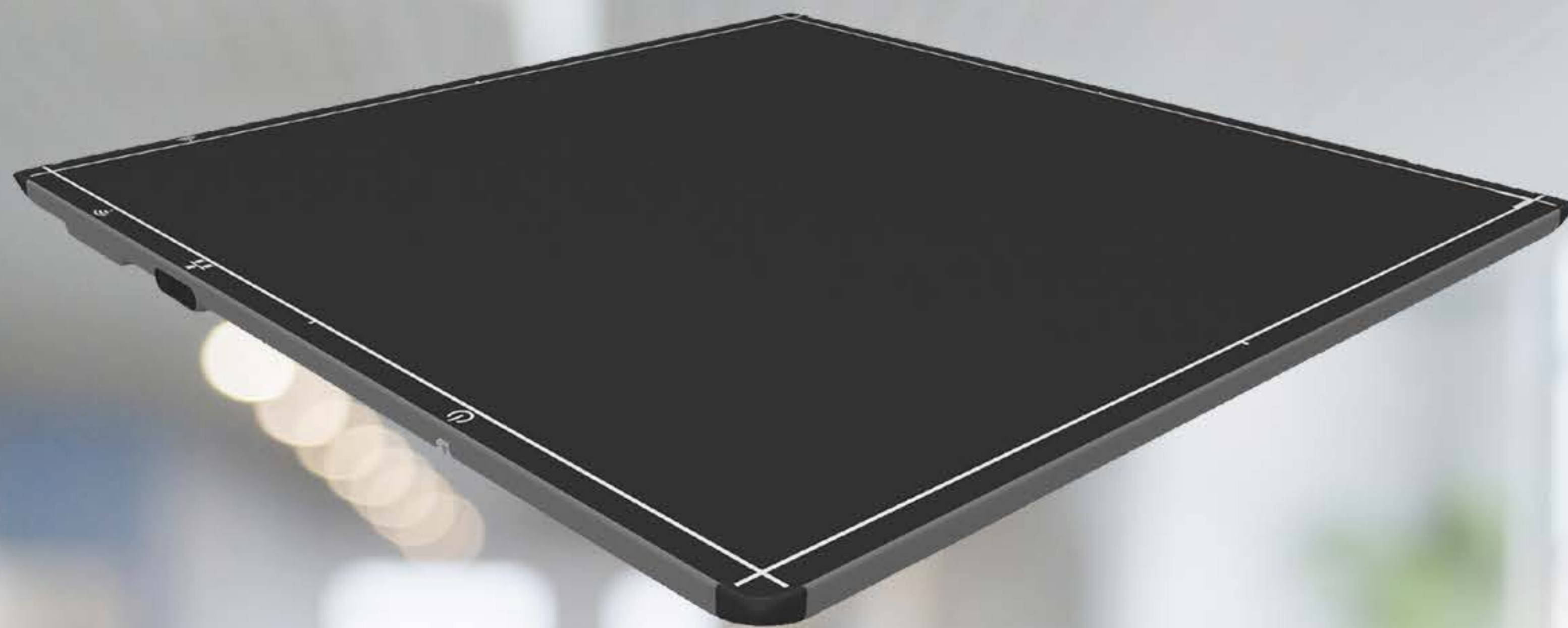# AIR DR™ G3+

iCRco | Image Capture Review

Innovative Direct Radiography

√ **Improved ergonomics including hand grips**

√ **Wireless Flat Panel Detector**

√ **Battery Hot Swap (3mins. up-time)**

√ **Reduced cycle time <5 seconds**

√ **Shock and Freefall Sensors**

√ **Dynamic Integration Time (350-4000 ms)**

139 Micron	16 Bit Resolution	9.4 Megapixel

Low Dose Cesium Scintillator | Faster AED | 17" x 17" Wireless DR

The **AirDR™ G3** is a lightweight wireless flat panel that is part of the **iCRco Premium AirDR™** family. Equipped with a directly deposited Cesium scintillator which provides unparalleled image quality. The cassette-size 17"x17" DR panel minimizes patient dose and improves throughput, making it an innovative Fail-Safe Detector.

The **AirDR™ G3** 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-G3 | 139 μm DR

The **AirDR™ G3** provides the highest efficiency with a Cesium based scintillator, 16-bit available grayscale, and market-leading 139-micron active matrix that guarantees image resolution up to 3 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

AIR DR G3+

The **AirDR™ G3** 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™ G3** system is compatible with any X-ray system designed to work with 42x42 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-68 rating, waterproof and dustproof
√ Carbon fiber construction durability
√ Same day installation
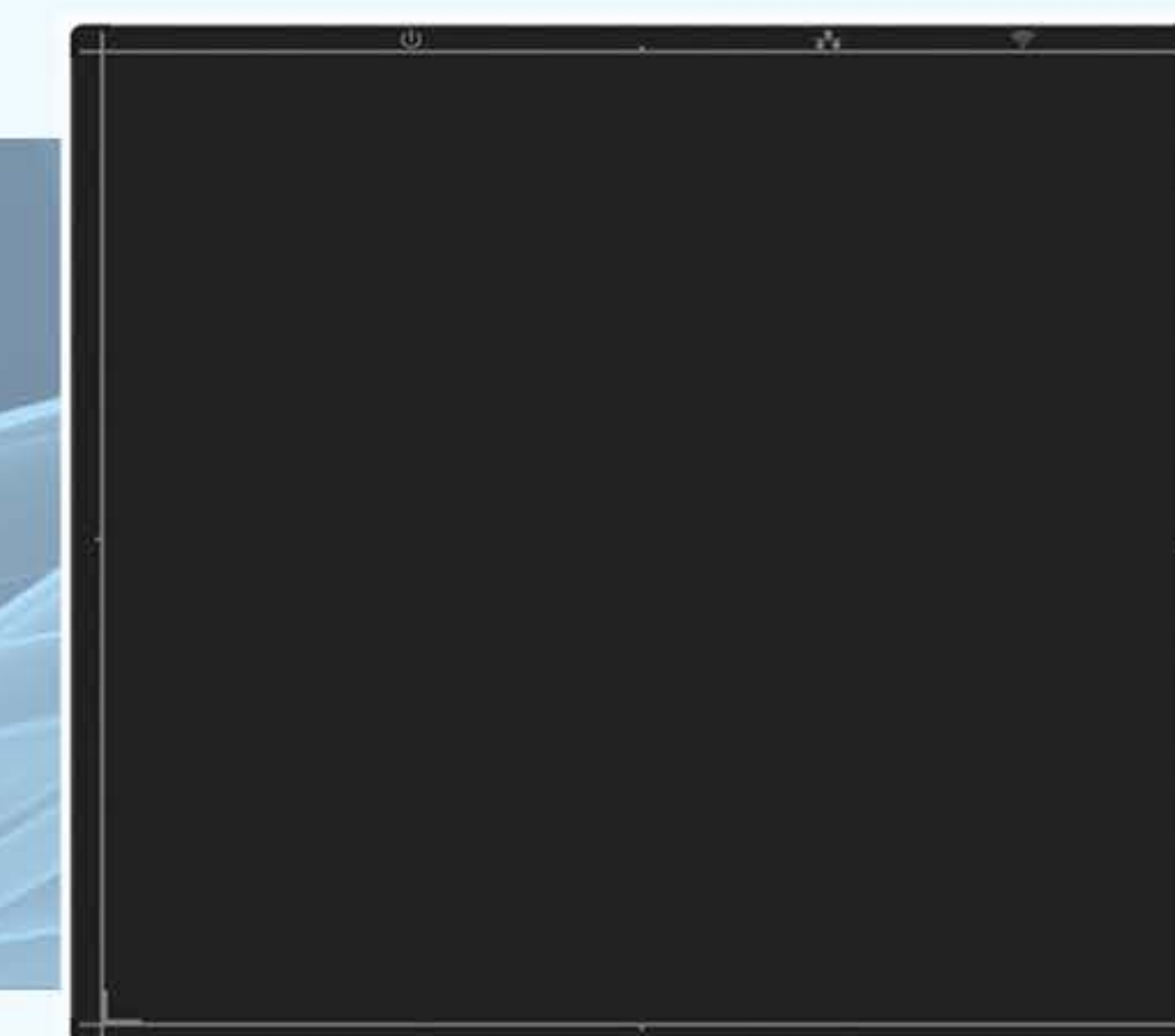
AirDR™G3 Specification

Panel	Active TFT Amorphous Silicon / Diode Array, Carbon Fiber Construction
Scintillator	Direct Deposit: Cesium Iodide / DRZ+
Pixel Matrix	3072 x 3072
Size of Pixel	139 µm
Grayscale	16 bit
Image Preview Time	3 Seconds
Active Area	424 x 424 mm
External Dimensions	L 18.11" x H 18.11" x W .59" (46 x 46 x .15 cm)
Weight	7.2 lbs (3.1 kg)
Weight Capacity	Maxamum Weight: 300 kg
X - Ray Window	350 - 4000 ms
Wireless Interface	Gigabit Ethernet IEEE 802.11 n/ac 5Gbps
Wireless Modes	Station (STA) or Acces Point (AP)
X-Ray I / F	Line trigger: DR trigger Mode Auto trigger: AED Mode
Spatial Resolution	3 lp/mm
Typical MTF	> 56% at 1 lp/mm, >24% at 2 lp/mm, >10% at 3 lp/mm
Typical DQE	>39% at 0 lp/mm, >28% at 1 lp/mm, >9% at 3 lp/mm
Temperature	10°C to 40°C, 10 - 90% Room Humidity (non-condensing)
Battery	Lithium Polymer, 1600 images over 8hrs.

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

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

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

18.11"
46 cm

18.11"
46 cm