

AIR DR™ G3+



IMAGE

AIRDR-G3 | 139µm DR

The AirDR™ G3 ensures peak efficiency with Cesium scintillator, 16-bit grayscale, and cutting-edge 139µm active matrix for unrivaled image resolution up to 3 lp/mm.

CAPTURE

XC | ACQUISITION

XC™ touch acquisition with ICE-4 Enhancement Processing offers fresh features like "Image Display State" for balanced soft tissue and bone structure presentation, along with automatic analysis for optimized processing.

REVIEW

CLARITY PACS

Our web-enabled PACS solution ensures a safe, secure, film-less environment, supporting all imaging needs now and in the future.

icrco.com

IMAGE CAPTURE REVIEW

139 Micron

16 Bit Resolution

9.4 Megapixel

Introducing the **AirDR™ G3+**, our premier 17"x17" Cesium DR panel featuring both wireless and tethered options. Crafted entirely in America and equipped with state-of-the-art advancements, iCRco's 3rd Gen AirDR ensures optimal patient safety by delivering the highest quality images with the lowest possible dose. The innovative Flat Panel Detector utilizes a low-power WiFi connection to effortlessly transmit images, granting

you the flexibility to capture challenging or unconventional x-ray projections. Its sleek carbon fiber frame, designed to be slim yet durable, allows for seamless integration into new or existing x-ray rooms. Additionally, the AirDR G3 offers the convenience of wireless charging, streamlining your workflow and saving you valuable time.



Low Dose Cesium Scintillator | Extremely Lightweight | 17" x 17" Wireless DR



AIR DR™ G3+



Built tough and dependable, the **AirDR™ G3+** boasts an impressive Water and Dust rating of IP54, safeguarding it against external dust particles. Even in the event of accidental exposure to moisture, the panel is engineered to protect against short circuits, ensuring the longevity of the device. Moreover, the AirDR™ G3 is engineered with grooved handlebars and exhibits high shock tolerance, making it resistant to common accidents and damage caused by drops.

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

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	139µm
Grayscale	16 bit
Image Preview Time	3 Seconds
Active Area	424x424 mm
External Dimensions	L 18.1" x H 18.1" x W .59" (46x46x .15 cm)
Weight	7.2 lbs (3.1 kg)
Weight Capacity	Maximum Weight: 300 kg
X - Ray Window	350- 4000 ms
Wireless Interface	Gigabit Ethernet IEEE 802.11 n/ac 5Gbps
Wireless Modes	Station (STA) or Access 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, >2 8% 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 8 hrs.

Exterior Dimensions



*Specifications are subject to change without notice. Processing and display time dependent on processor speed, RAM disk access time, and video card. Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company • U.S. and international patents granted Additional patents pending.



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