AIR DR·Pc™

IMAGE
AIRDR-G3 I 139µm DR
The AirDR™Pc ensures peak efficiency with scintillator, 16-bit grayscale, and cutting-edge 140µm active matrix for unrivaled image resolution.

CAPTURE
XC I 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.

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IMAGE CAPTURE REVIEW

140 Micron	16 Bit Resolution	9.3 Megapixel

The **AirDR™Pc** presents a rugged, low-dose 17"x17" Wired DR panel featuring a directly deposited Gadox or Cesium Scintillator, delivering unrivaled image quality. This detector incorporates integrated AED (Automatic Exposure Detection), facilitating effortless retrofit integration and hassle-free implementation within your practice. It seamlessly integrates with any X-Ray system, accommodating 43x43 cm cassettes compliant with ISO 4090. With its slim and robust carbon fiber frame and wireless capabilities, it seamlessly integrates into both new and existing x-ray rooms. Built to withstand harsh conditions, the **AirDR™Pc** is rugged and dependable. It boasts a high Water and Dust rating of IP42, safeguarding it against external dust particles. Additionally, it is engineered to protect the panel and prevent circuit damage in case of accidental exposure to moisture.

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Low Dose Cesium Scintillator I Faster AED I 17'' x 17'' Cassette-Size DR

AIR DR·Pc™

Investing in a fixed DR panel for your x-ray room bucky offers multiple advantages. It eliminates manual cassette handling, streamlines the imaging process, and enables immediate image capture, enhancing efficiency and workflow. Additionally, it ensures consistent image quality, eliminates cassette-related risks, and allows for image manipulation and post-processing, improving accuracy and reducing retakes.
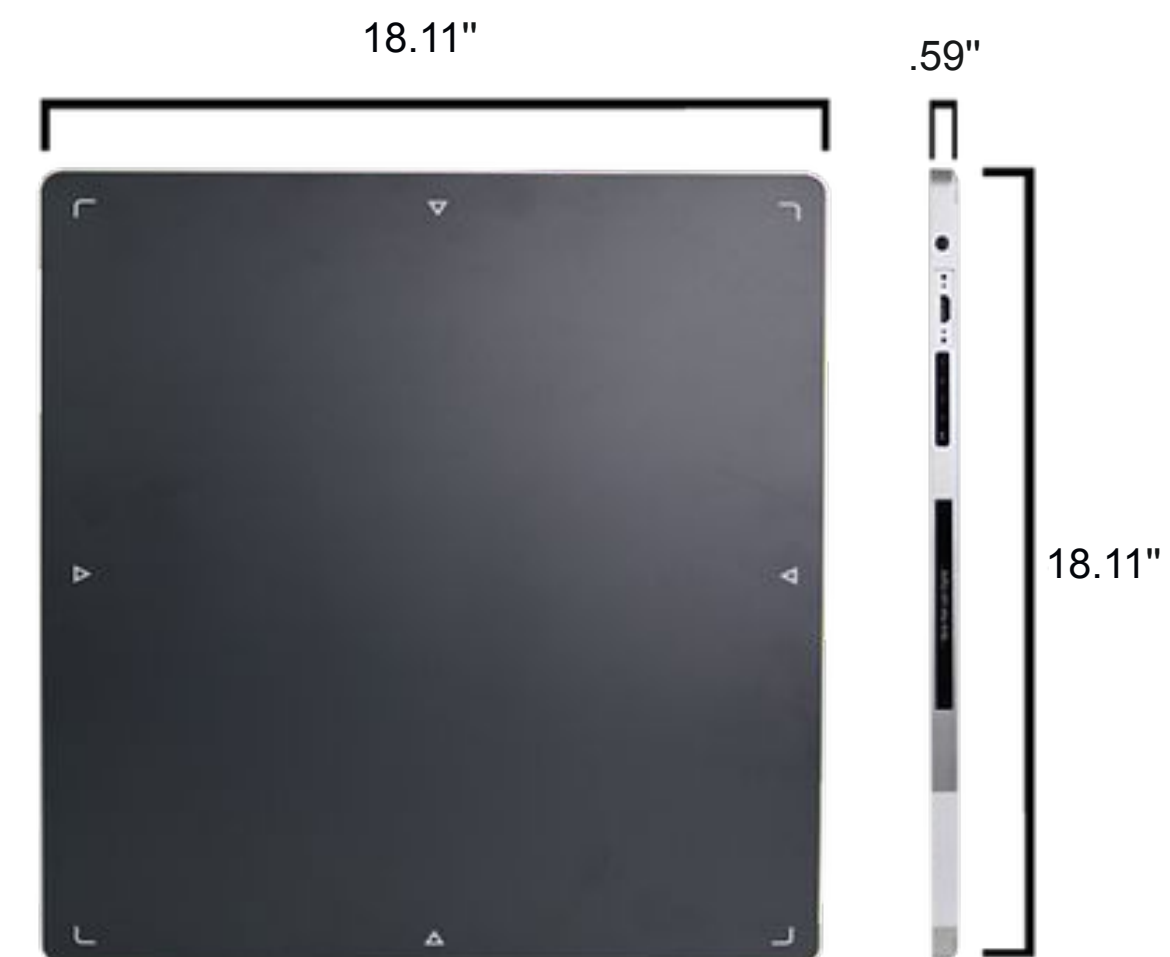
XC™ Acquisition Software Features

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™Pc Specification

Panel	Active TFT Amorphous Silicon / Diode Array, Carbon Fiber Construction
Scintillator	Direct Deposit: Cesium Iodide or Gadox
Pixel Matrix	3056 x 3056 = 9.34 Megapixel
Size of Pixel	140µm
Grayscale	16 bit
Image Preview Time	3 Seconds
Active Area	ISO 4090 cassette size 17"" x 17'"' (43 cm x 43 cm)
External Dimensions	L 18.11 "x H18.11"x W.59"
Weight	7.7 lbs (3.5 kg)
Weight Capacity	MaxImum Weight: 150 lb
Status Indication	OLED Screen (Wifi / LAN / Battery / Sensor)
Wired Data I/F	Gigabit Ethernet 1 000BaseT
X-Ray I/ F	Line trigger: DR trigger Mode Auto trigger: AED Mode
Spatial Resolution	3.4 lp/mm
Typical MTF	> 57% at 1 lp/mm
Typical DQE	> 77% at 0.5 lp/mm
Temperature	10℃ to 40℃, 20 - 75% RH

Exterior Dimensions

18.11"   .59"

18.11"

REDUCE · RECYCLE · REUSE