

iDR17

The Next Generation of Direct Capture

Stay Competitive
Improve Patient Care
Innovative Workflow

Unsurpassed Image
Quality & DQE

Sealed Scan Head

One Internal Moving
Part for Maximum
Uptime and Savings

User Friendly and
Intuitive Software

Introducing
THE NEXT GENERATION
OF PHOSPHOR DETECTORS



HIGHER RESOLUTION
 LOWER DOSE



The *iDR* will transform your office into a modern imaging facility. *iDR* offers our patented True Flat Scan Path™ technology for exceptional image quality, high throughput and low cost of ownership. Ideal for all clinics where medical imaging is offered, the *iDR* will innovate your imaging workflow.

In addition, *iDR* is a fully integrated solution paired with the superior image processing software XC™. With touch screen capable XC™, you get superior quality images every time with an option to further manipulate the images to the physician's preference. *iDR* simplifies your workflow because it is easy to use and fast.

What separates this DR from others? *iDR* can be completely integrated into your existing Rad Room ensuring maximum uptime and ease of transition when converting to digital. It doesn't require the physician to upgrade existing x-ray room equipment, making this DR second to none for low cost of entry to digital.

Looking for a higher resolution at a lower dose? With the option of Crystal IP, we have you covered! This new technology introduces specially grown crystals, positioned side by side, to provide higher phosphor packing density. The crystals act as light guides, thereby strongly reducing light spread in the phosphor layer resulting in ultra-high resolution images and higher X-ray absorption at a much lower dose than standard phosphor screens. *Experience the next generation of phosphor detectors today with Crystal IP.*

112 IMAGES PER HOUR
100 MICRONS
16 BIT

Custom X-Ray Digital
Equipment Sales & Service

2120 W. Encanto Blvd., Phoenix, AZ 85009
[602] 439-3100 | [800] 230-XRAY | Fax: [602] 252-5950
www.customxray.com

iDR17 *The Next Generation of Direct Capture*

Stay Competitive
Improve Patient Care
Innovative Workflow

iDR 17 Features

- No cassettes to handle
- One moving part
- Sealed scan head technology
- Superior Image processing software
- Easy Integration to any X-ray room
- Diagnostic quality excellence

XC™ Features

- IDR Includes XC™ — Intuitive touch screen capable acquisition software
- Smart Scanning: Manipulate acquired images while additional cassettes are being scanned
- ICE2 Image processing: Further manipulate images to your preference, automatically applies proper algorithms for an anatomy
- 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

SEIZE THE **FUTURE**
OF **MEDICAL IMAGING**
WITH iCRco

iDR 17 Specifications*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
200	5	127	2.5
100	10	254	5

THE iDR CAPTURES AT 15 MEGAPIXELS

Grayscale Resolution	16 bits/pixel source file, 65536 Shades of Gray
Capture time	15 seconds
Configuration	Can be Wall Mounted, Bolted on a U-arm or Placed Inside a Table
Weight	50 lbs
Dimensions	IDR 17: W22.5" x D6.32" x H35.75" IDR 14: W19.5" x D6.32" x H35.75"
Power Source	100-240V AC/ 2.5A max; 47-63Hz (Universal Power Supply) 24V option available
iSupply	24V portable DC power supply available, 270 scans on single charge
Heat Generation	Standby 230W, Maximum 1610W
Operating Conditions	Temperature: 0-40°C/32-105°F, Temperature change: 0.5°C/min, Humidity: 15%-95% RH, Magnetic Fields: max 1260 µT (in Conformance with EN 61000-4-8: Level 3), 10 A/m

* 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 FDA 510 (K) Cleared • Medical CE mark C0088

© 2014 iCRco. All rights reserved. "iDR 17" and "XC" are registered trademarks of iCRco. BR0021014

iDR 17 Outer Dimensions



Detector available in
14"x17" or 17"x17"

Also available with a
Motorized Wall Stand

Call us today! 602-439-3100 | 800-230-XRAY

www.customxray.com