iDR
Innovative Direct Radiography

CRYSTAL IP™
CRYSTAL CLEAR IMAGES

☑ *HIGHER RESOLUTION*
☑ *LOWER DOSE*

Unsurpassed Image Quality & DQE

Sealed Scan Head

One Internal Moving Part for Maximum Uptime and Savings

User Friendly and Intuitive Software

100	Microns	112	Images Per/Hr	16	Bit

Stay Competitive | Improve Care | Innovate Workflow

iDR offers our patented True Flat Scan Path™ technology for exceptional image quality, high throughput and low ownership cost. **iDR** can work with your existing Rad Room ensuring maximum uptime and ease of transition when converting to digital.

Physicians can achieve amazing workflow at a much lower cost with its integrated pairing 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.

iCRco | Image Capture Review

IDR | 17
Image Capture Review

IMAGE

IDR | PROVEN DR READER

iDR is a scalable design that allows for the highest efficiency **Crystal IP** phosphor screens, 16 Bit available gray scale, and upgradable features that provide users with up to 5 lp/mm maximum resolution.

CAPTURE

XC | ACQUISITION

XC touchscreen acquisition with ICE-3 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.

REVIEW

CLARITY PACS

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

icrco.com

iDR
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TFSP
TRUE FLAT SCAN PATH

IDR 17 FEATURES

The iDR boasts a 14x17 scanning area with 17x17 option. This affordable fixed panel deploys a unique scanning DR technology that allows for a direct digital workflow at a much lower cost than standard fixed DR panels. iDR produces amazing image quality and is backed by powerful optics, sensors, and a solid-state, mechanical drive system with only one moving part. Add the optional wall stand for imaging flexibility for chest, abdomen and simultaneous poster anterior (PA) and lateral imaging.

iDR 17 Specifications*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
200	5	127	2.5
155	7.5	163	3.7
100	10	254	5

THE IDR CAPTURES AT 15 MEGAPIXELS

Grayscale Resolution	16 bits/pixel source file, 65536 Shades of Gray
Image Display	17 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 CE 0086

REDUCE • REUSE • RECYCLE

XC™ Acquisition Software Features

XC - Intuitive touchscreen acquisition

ICE-3 Processing - Automated image characteristics analysis for maximum image enhancement

Image Display State: Automated enhancement of image display at the point of acquisition

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

iDR 17 Outer Dimensions

22.5" 6.32" 35.75"

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

Also available with a
Motorized Wall Stand