

*iDR*34 *Single Exposure Spine Imaging and Targeted Regional Scanning*

The only direct digital system with a 34 inch active area that eliminates image stitching

CAPTURES ALL REGIONS

REGION 1

Neck and chest radiographs with a 17" x 17" field of use

REGION 2

Targeted full-torso or full-leg radiographs

REGIONS 1 & 2

One 17"x 34", long length spine radiographs with no image stitching



The *iDR*-34 is the only digital radiography solution capable of BOTH regional scanning and long length spinal imaging studies. With a 17" x 34" field of use, the *iDR*-34 can replace or supplement your existing RAD room environment by giving you the ability to do all anatomy regions - neck and chest, full-torso, long-length, and spine. Because the system takes a single image, you can leverage compensation filters to balance out the exposure between thicker and thinner areas of anatomy.

There is no need for multiple exposures, making the *iDR*-34 an ideal low-dose solution for applications such as scoliosis evaluation in the pediatric segment. Our proprietary algorithm eliminates the need for image stitching software, creating a full-spine image in one exposure without having to take three separate x-rays.

Low-dose, high-efficiency versatility makes the *iDR*-34 second to none in the DR market today. It's just another example of *iCRco's* evolution in the field of DR radiography.



Custom X-Ray Digital
Equipment Sales & Service

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iDR34 *Single Exposure Spine Imaging and Targeted Regional Scanning*

The only direct digital system with a 34 inch active area that eliminates image stitching

IDR-34 Features

- Long length and spinal imaging in a single exposure
- Easy integration to any existing X-ray room
- No cassettes to handle
- One moving part
- Eliminates image stitching process
- Superior image processing software
- Diagnostic quality excellence
- Streamlines workflow

XC™ Features

- IDR-34 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 tools and templates
- User preferred settings and privileges

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

IDR-34 Specifications*

SPINAL IMAGING IN ONE EXPOSURE

There is no need for image stitching with the IDR-34. Simply select a long-length region, or other regions of interest, and capture it all in a single exposure.

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

Grayscale resolution	16 bits/pixel source file, 65536 shades of gray
Scanning	17" x 34" active area, 14" x 34" option
Configuration	Wall mounted, upright full-spine imaging
Weight	Approx. 75 lbs
Dimensions	IDR 17x34: W22.5" x D6.32" x H52.75" IDR 14x34: W19.5" x D6.32" x H52.75"
Power source	100-240V AC/ 2.5A max; 47-63Hz (universal power supply) 24V option available
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 CE0086

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iDR 34 Outer Dimensions



Detector available in
14" x 34" or 17" x 34"

Also available with a
Motorized Wall Stand

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

www.customxray.com