

# iDR-L™

Single Exposure Full-Spine Imaging and Targeted Regional Scanning

The only system with a receptor  
large enough to encompass  
the entire anatomy



The iDR-L™ is the only digital radiography solution capable of BOTH regional scanning and full-spine imaging studies. With a 17" x 51" field of use, the iDR -L can replace or supplement your existing RAD room environment by giving you the ability to do all anatomy regions - neck and chest, full-torso, full-leg, and full-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-L 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-L second to none in the DR market today. It's just another example of iCRco's evolution in the field of DR radiography.

## CAPTURES ALL REGIONS

**REGION 1**  
Neck and chest radiographs  
with a 17" X 17" field of use

**REGION 2**  
Targeted full-torso  
radiographs

**REGION 3**  
Targeted full-leg  
radiographs

**REGION 4**  
One shot, full-spine radiographs  
with no image stitching

[www.iCRcompany.com](http://www.iCRcompany.com)



# iDR-L™

Single Exposure Full-Spine Imaging and Targeted Regional Scanning

## iDR-L Features

- Full-spine and long bone 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-L 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

## iDR-L Specifications\*

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

<b>Grayscale resolution</b>	16 bits/pixel source file, 65536 shades of gray
<b>Scanning</b>	17" x 51" active area. 14" x 51" option
<b>Configuration</b>	Wall mounted, upright full-spine imaging
<b>Weight</b>	Approx. 100 lbs
<b>Dimensions</b>	W22.5" x D6.32" x H72.25"
<b>Power source</b>	100-240V AC/ 2.5A max; 47-63Hz (universal power supply) 24V option available
<b>iSupply</b>	24V portable DC power supply available, 270 scans on single charge
<b>Heat generation</b>	Standby 230W, Maximum 1610W
<b>Operating conditions</b>	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

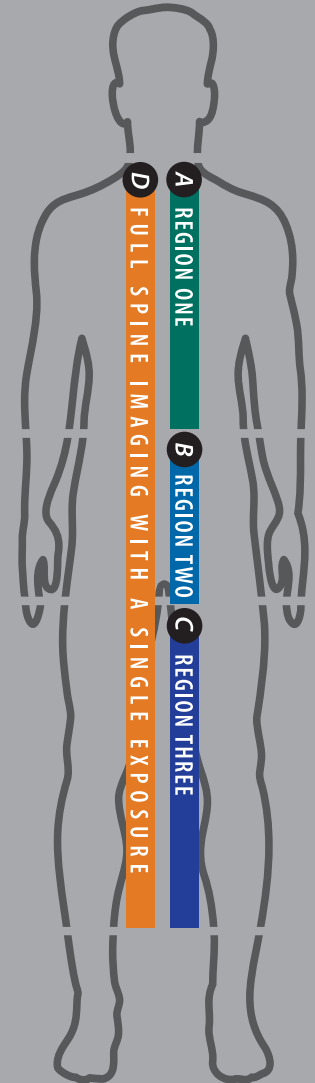
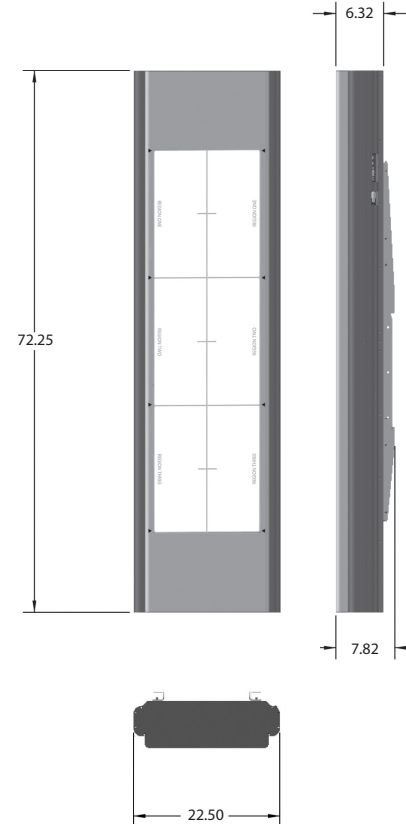
\* Specifications are subject to change without notice. Processing and display time dependent on processor speed, RAM disk access time, and video card.



Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company • U.S. and international patents granted • Additional patents pending • FDA accepted • Medical CE mark CE 0086

© 2012 iCRco. All rights reserved. "iDR-L", and "XC" are a registered trademarks of iCRco. BR032612BUS

## Outer Dimensions



FULL-SPINE IMAGING IN ONE 17" X 51" EXPOSURE

There is no need for image stitching with the iDR-L. Simply select a full-spine region, or other regions of interest, and capture it all in a single exposure.



2580 WEST 237TH STREET, TORRANCE, CA 90505 | TEL: 310.921.9559 | FAX: 310.542.7236 | WWW.ICRCOMPANY.COM