

# Long Bone iDR

A Different Approach to Full Spine Imaging

Stay Competitive

Improve Patient Care

Innovate Imaging Workflow

- Full spine imaging in one exposure
- One moving part, maximum uptime
- Affordable and reliable DR
- Touch screen capable image processing software

Complete Direct Digital  
Radiography Solution



Long Bone iDR is another innovation from iCRco. This DR is another first in digital imaging and it completely revolutionizes how long bone imaging is done. It also eliminates the need for image stitching software. Long bone iDR encapsulates a 14" x 51" plate which creates a full spine image in one exposure. Workflow is once again streamlined by reducing three separate x-rays to a single exposure hence reducing dose and discomfort to the patient. Because the full image is taken in one shot and image stitching is eliminated, iDR increases your productivity and throughput.

iCRco has been a leader in bringing you the most innovative technologies in medical imaging for almost twenty years. iCRco is a complete solution provider for digital imaging needs. At iCRco we thrive as a pioneer with focus on the future. By implementing iCRco solutions in your practice, you will instantly become part of the Innovation.

Simply put, Long Bone iDR will change how you "image" the future.

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



# Long Bone iDR

A Different Approach to Full Spine Imaging

## iDR 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
- Exceptionally streamlines workflow

## Clarity Captera™ Features

- Long Bone iDR includes Clarity Captera™ — 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

## Long Bone iDR Specifications\*

Spatial Resolution for Long Bone iDR			
Pixel/mm	Pixel Size (Microns)	Line Pairs	DPI
5	155	3.1	163
10	100	4.5	254

Grayscale Resolution	16 bits/pixel source file, 65536 Shades of Gray
Scanning	14x51 active area
Configuration	Wall Mounted, upright full spine imaging
Weight	Approx. 100 lbs
Dimensions	W19.5" x D6.32" x H72.25"
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 Certified Company • U.S. and International Patents Granted  
Additional Patents Pending • Medical CE Compliant • FDA Approved • CE Approved

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OF **MEDICAL IMAGING**  
WITH *iCRco*

## Outer Dimensions

