iDR-L™

Innovative Direct Radiography

FULL SPINE IMAGING

17" x 51"
ACTIVE AREA

INDIVIDUAL ZONE IMAGING

ZONE 1

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

ZONE 2

Targeted full-torso radiographs

ZONE 3

Targeted full-leg radiographs

| 100 Microns | 1 Full Spine Detector | 3 Regional Scan Areas | 16 Bit |

Full-Spine Imaging | Higher Resolution | Lower Dose

The exclusive iDR-L™ has a 17"x51" field of use specifically for regional scanning and full-spine imaging studies. Because it takes a single image, you can leverage compensation filters to balance out the exposure between thicker and thinner areas of anatomy.

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

IMAGE

iDR-L | PROVEN DR READER

iDR-L 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.
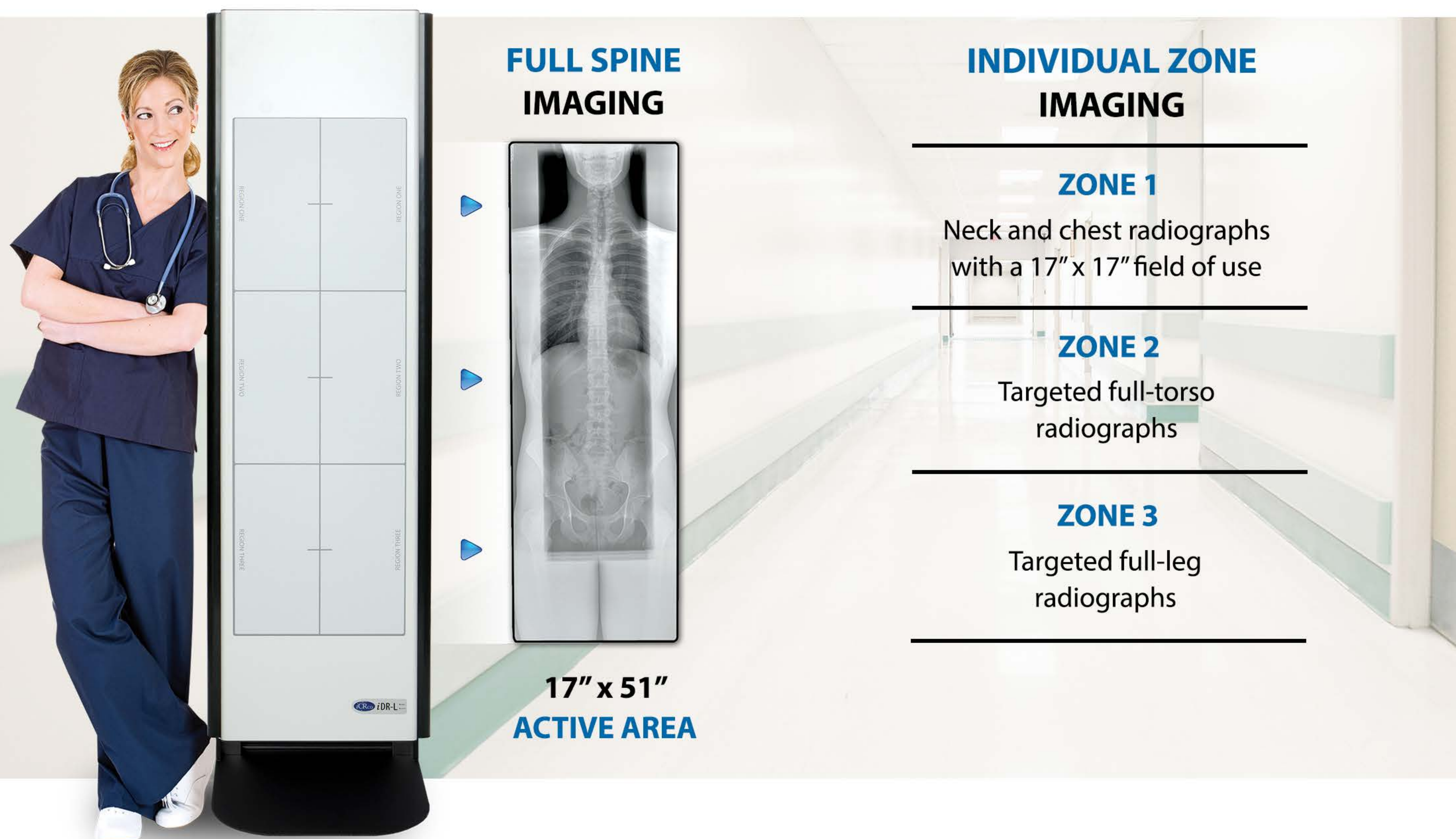
CAPTURE

XC | ACQUISITION

XC touchscreen acquisition with ICE-4 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.

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

iDR-L Method: The long-bone radiography platform utilizes a 17" by 51" detector plate that eliminates the need for a cassette. Integrating phosphor plate technology, the iDR-L boasts a higher resolution than standard DR while maintaining the same workflow. This solution sends complete image information directly to the scan processor skipping lengthy image stitching processes. The optional wall stand includes an "EZ-Glide" motorized lift that allows the iDR-L to ascend or descend to any desired position to provide imaging flexibility for chest, abdomen, whole spine, and simultaneous poster anterior (PA) and lateral imaging.

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
200	5	127	2.5
155	7.5	163	3.1
100	10	254	5

THE IDR-L CAPTURES AT I5 MEGAPIXELS

Grayscale resolution	16 bits/pixel source file, 65536 shades of gray
Scanning	17" x 51" active area. 14" x 51" option
Wired Data I/F	GigE via optional power & communication tether
Configuration	Wall mounted, upright full-spine imaging
Dimensions	iDR 17: W22.5" X D6.32" x H72.25" iDR 14: W19.5" X D6.32" X H72.25"
Weight	Approx. 100 lbs
Power Source	100-240V AC / 2.5A max; 47-63Hz (universal power supply) 240V 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

XC™ Acquisition Software Features

XC - Intuitive touchscreen acquisition

ICE- 4 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

Outer Dimensions

22.5"

6.32"

72.25"

Also avaliable with a **Motorized Wall Stand**

Detector avaliable in **14"x51" or 17"x51"**