The iDR-34 is the only DR solution for BOTH regional scanning and long-length spinal imaging studies using 17”x34” detector. It gives you the ability to do all anatomy regions—neck and chest, full-torso, long-length, and spine—in your existing RAD room.

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.

The iDR-34 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.

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.

CAPTURE

XC | ACQUISITION

CAPTURE 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”x34”, long length spine radiographs with no image stitching

Clarity PACS™ supports all your current and future imaging needs.
**iDR-34 Specifications**

<table>
<thead>
<tr>
<th>Micron Spot Size</th>
<th>Pixels Per mm</th>
<th>Dots Per Inch (DPI)</th>
<th>Line Pairs Per mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>5</td>
<td>127</td>
<td>2.5</td>
</tr>
<tr>
<td>155</td>
<td>7.5</td>
<td>163</td>
<td>3.7</td>
</tr>
<tr>
<td>100</td>
<td>10</td>
<td>254</td>
<td>5</td>
</tr>
</tbody>
</table>

THE IDR34 CAPTURES AT 15 MEGAPIXELS

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

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**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 34 Outer Dimensions**

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

Also available with a Motorized Wall Stand

**SPINAL IMAGING IN ONE EXPOSURE**

iDR34, the only digital radiography solution capable of BOTH regional scanning and long length spinal imaging studies. With a 17”x34” field of use, the iDR34 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.