MEDICAL PROJECTOR RANGE

XEED WUX10 Mark II Medical
XEED SX7 Mark II Medical
XEED SX80 Mark II Medical
Medical imaging – presented with unrivalled clarity

Medical imaging demands extremely accurate reproduction of greyscales if patient conditions are to be illustrated faithfully.

Combining the benefits of Canon’s LCOS panel technology with extremely bright, high resolution imaging – up to industry-leading, native WUXGA resolution (1920 x 1200 pixels) – XEED offers seamless projection and optimal reproduction of X-ray images.

At in-hospital conferences and in the university classroom, Canon XEED projectors are a valuable addition to any PACS (Picture Archiving and Communication System), providing a reliable platform for radiological case discussions.

* XEED projectors are not approved for diagnostic purposes.

OUT-OF-THE-BOX DICOM SIMULATION

Optimising images to human visual perception, the DICOM 14 standard sets the benchmark in digital radiology. The XEED WUX10 Mark II Medical, XEED SX7 Mark II Medical and XEED SX80 Mark II Medical all offer a DICOM simulation mode as standard.*

This DICOM SIM mode features 21 different levels of greyscale reproduction, based on combinations of maximum luminance and contrast. The result is a flexible solution that can be used in varying lighting conditions. In addition, the range of DICOM presets available makes it far easier to accurately match twin screens when required.

ADDITIONAL ON-SITE CALIBRATION OPTION

On-site calibration giving full DICOM 14 compliance can be achieved using the AcuScreenPRO system, available separately from our partner Larivière GmbH. Environmental factors, such as the intensity and tone of ambient light, plus the projection screen type, are all taken into account to achieve the very best possible image quality.

* XEED projectors are not approved for diagnostic purposes.
The Department of Radiological Diagnostics and Nuclear Medicine at Klinikum Bremen-Mitte, Germany (www.klinikum-bremen-mitte.de) selected two DICOM 14 calibrated Canon XEED projectors for its new radiological conference and training facility.

Employing Canon LCOS (Liquid Crystal on Silicon) panel technology, ultra fine greyscaling is possible. Projected images are displayed seamlessly, free from the lattice effect that plagues conventional LCD and DLP projectors, allowing the best reproduction of X-ray images possible.

THE XEED ADVANTAGE: THE ONLY CHOICE FOR MEDICAL PROFESSIONALS.

Setting the standard, Canon XEED projectors offer crisp, high quality projection for professional imaging applications.

A unique combination of exceptional contrast and brightness is achieved via Canon’s AISYS (Aspectual Illumination System).

Combining LCOS technology and native SXGA+ resolution, the efficient comparative study of X-ray images plays a large role in shortening diagnostic processes – benefiting both patients and hospital staff.

Canon XEED projectors have been installed in many similar situations, having been selected by the industry’s leading medical system integrators as their projection solution of choice for this type of application.

**XEED WUX10 Mark II Medical**

- Native WUXGA resolution with Canon LCOS technology
- 3200 lumens brightness and 1000:1 contrast ratio
- Full HD capability
- DICOM Simulation image mode

**XEED SX7 Mark II Medical**

- Native SXGA+ resolution with Canon LCOS technology
- 4000 lumens brightness and 1000:1 contrast ratio
- HD Ready
- DICOM Simulation image mode

**XEED SX80 Mark II Medical**

- Native SXGA+ resolution with Canon LCOS technology
- 3000 lumens brightness and 900:1 contrast ratio
- PC-less presentation via USB port
- DICOM Simulation image mode

**XEED IN ACTION**

The Department of Radiological Diagnostics and Nuclear Medicine at Klinikum Bremen-Mitte, Germany (www.klinikum-bremen-mitte.de) selected two DICOM 14 calibrated Canon XEED projectors for its new radiological conference and training facility.

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**System Architecture – Integration of XEED with a typical PACS System**

![Diagram of System Architecture](image)

**True Throw Distances**

<table>
<thead>
<tr>
<th>WUX10 MARK II MEDICAL</th>
<th>SX7 MARK II MEDICAL</th>
<th>SX80 MARK II MEDICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image size (inches)</strong></td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td><strong>Width (cm)</strong></td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td><strong>Height (cm)</strong></td>
<td>50</td>
<td>61</td>
</tr>
<tr>
<td><strong>Projection distance (zoom max)</strong></td>
<td>1.2m (3.9&quot;)</td>
<td>1.8m (5.9&quot;)</td>
</tr>
<tr>
<td><strong>Projection distance (zoom min)</strong></td>
<td>0.9m (3.9&quot;)</td>
<td>1m (4&quot;)</td>
</tr>
<tr>
<td><strong>Projection distance (zoom max)</strong></td>
<td>2.0m (6.6&quot;)</td>
<td>2.9m (9.5&quot;)</td>
</tr>
<tr>
<td><strong>Projection distance (zoom min)</strong></td>
<td>1.8m (5.9&quot;)</td>
<td>2.6m (8.5&quot;)</td>
</tr>
</tbody>
</table>

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**Specifications**

<table>
<thead>
<tr>
<th>XEED WUX10 MARK II Medical</th>
<th>XEED SX7 MARK II Medical</th>
<th>XEED SX80 MARK II Medical</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>LCD screen display, TFT Active Matrix</td>
<td>LCD screen display, TFT Active Matrix</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>1920 x 1200 (WUXGA), 2304000 pixels</td>
<td>1280 x 1024 (SXGA), 1470000 pixels</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>1000 lumen (full on / full off)</td>
<td>4000 lumens</td>
</tr>
<tr>
<td><strong>Keystone Correction Range</strong></td>
<td>3.5mm (zoom min)</td>
<td>3.5mm (zoom min)</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>Normal Mode: 35dBA / Quiet Mode: 31dBA</td>
<td>Normal Mode: 36dBA / Quiet Mode: 31dBA</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>5.0kg</td>
<td>4.8kg</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>284mm x 114mm x 336mm</td>
<td>266mm x 114mm x 336mm</td>
</tr>
</tbody>
</table>

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All data is based on Canon’s standard testing methods. This Leaflet and the specifications of the product have been developed prior to the date of product launch. Specifications are subject to change without notice.

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