The LMD-DM30C is a 3MP color display with high resolution designed for accurate display of color and monochrome images such as PET/CT, Nuclear Medicine, Cardiology, and Ultrasound. With exceptional high luminance, high contrast, and an integrated color calibration function, the LMD-DM30C delivers highly accurate color reproduction. The LMD-DM30C is equipped with a 10-bit signal processor and portrait 1536 x 2048 pixel resolution for producing outstanding diagnostic image quality. Display complies with medical standards and can be used in portrait and landscape modes. With full DICOM GSDF Part 14 conformance, automatic calibration, and remote monitoring and maintenance capabilities, the LMD-DM30C is an ideal choice for medical imaging, radiology department PACS.

Features:

• 3MP ultra-high-definition color LCD panel provides 1536 x 2048 resolution
• Ideal for PET/CT, Nuclear Medicine, Cardiology and Ultrasound
• Viewing Angle: 170°/170°
• Interchangeable stand
• Pivot function for fast drawing in portrait orientation
• Automatic detection of LCD panel orientation by gravitation sensor
• Calibration function to accurately adjust gamma, color temperature and luminance
• 5 Year Advanced Exchange Program (AE Program)
• 48-hour turnaround on replacement product
**LMD-DM30C Specifications**

<table>
<thead>
<tr>
<th>LCD panel</th>
<th>α-Si TFT Active Matrix LCD (Color)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Picture</td>
<td>Approx. 17.05 x 12.79 in (433.2 x 324.9 mm) (W/H, Diagonal)</td>
</tr>
<tr>
<td>Size</td>
<td>21.3 in (541.02 mm)</td>
</tr>
<tr>
<td>Viewing angle (H, V)</td>
<td>85°/85°/85°/85° (typical)</td>
</tr>
<tr>
<td></td>
<td>(up/down/left/right contrast &gt; 10:1)</td>
</tr>
</tbody>
</table>

**Resolution**

- **Portrait**: 3MP (1536 x 2048)
- **Landscape**: 3MP (2048 x 1536)
- **Display Color**: Approx. 16,770,000

**Aspect**

- **Landscape**: 4:3
- **Portrait**: 3:4
- **Pixel efficiency**: 99.99%
- **Maximum luminance**: 800 cd/m² (panel typical)
- **Contrast ratio**: 750:1 (typical)
- **Backlight**: CCFL
- **Mounting standard**: VESA (100 mm)
- **Video input**: DVI-D Dual Link/DisplayPort (per display)
- **USB ports**: 2
- **Power**: AC 100~240V 50/60 Hz
- **Power consumption**: 120W
- **Mass**: Approx. 27 lb 1.9 oz (12.3 kg)

**Operating conditions**

- **Temperature**: 41°F to 104°F (5°C to 40°C)
- **Recommended temperature**: 68°F to 86°F (20°C to 30°C)
- **Humidity**: 30% to 80%
- **Pressure**: 700 hPa to 1060 hPa (Operating)

**Storage and transport conditions**

- **Temperature**: -4°F to 140°F (-20°C to 60°C)
- **Humidity**: 10% to 85%
- **Pressure**: 266 hPa to 1060 hPa (Storage)

**Dimensions (W x H x D)**

- **Landscape**: 18.66 x 18.44/20.86 x 8.66 in (474 x 468.4/529.9 x 220 mm)
- **Portrait**: 14.44 x 20.54/22.96 x 8.66 in (367 x 521.9/583.4 x 220 mm)

**Safety Compliance**

- **U.S.A.**: UL60601-1
- **ANSI/AAMI/ IEC60601-1-2005**: Class B FCC-DoC
- **Canada**: No60601-1
- **Class B Digital Apparatus**
- **China**: GB49493 (IEC60950) + GB9254 (CISPR22)
- **GB17625.1 (IEC61000-3-2)**

**Supplied Accessories**

- AC power cord, DVI cable (Dual link), USB cable, CD-ROM

**Optional Accessories**

- LMD-KT10 Calibration Kit / LMD-SN10 Display Network Manager

**Warranty**

- 5 Year Advanced Exchange Program

Limited Product Warranty also includes a 5 year Advanced Exchange Program (“AE Program”). For additional terms and conditions of the Advanced Exchange policy, visit [www.sony.com/professionalservices/warranty/md-ae](http://www.sony.com/professionalservices/warranty/md-ae)

For the full Sony Standard Limited Product Warranty, visit [www.sony.com/professionalservices/warranty](http://www.sony.com/professionalservices/warranty)

Independent Sub-pixels Drive technology is the property of, and developed by, Totoku Electric Co., Ltd.

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Caution: Federal (USA) law restricts this device to sale by or on the order of a physician or other appropriately licensed medical professional.

Caution: See product labeling for indications, contraindications, warnings, cautions and directions for use.