The LMD-DM20 is a 2MP display designed for accurate display of monochrome images such as CR, DR, MRI and Ultrasound. The LMD-DM20 is equipped with a 10-bit signal processor and 1600 x 1200 pixel resolution for producing outstanding diagnostic image quality. This display complies with medical standards and can be used in portrait and landscape modes. Loaded with a high luminance, high contrast LCD panel, it provides a luminance uniformity compensation feature and a capability to display 1024 shades of gray simultaneously. With full DICOM GSDF Part 14 conformance, calibration, and remote monitoring and maintenance capabilities, the LMD-DM20 is an ideal choice for the demanding needs of radiology department PACS.

Features:
- 2MP 21.3” Diagnostic display with a pixel pitch of 270 µm
- Ideal for CR, DR, MRI and Ultrasound
- Ultra-high-definition monochrome LCD panel provides 1600 x 1200 resolution
- Viewing Angle: 170°/170°
- Pivot function for fast drawing in portrait orientation
- Automatic detection of LCD panel orientation by gravitation sensor
- Remote grayscale check and remote calibration functions
- 5 Year Advanced Exchange Program (AE Program)
- 48-hour turnaround on replacement product

2MP 10-bit 1,800 CD/m2 700:1 (typ) 21.3” (4:3) 16-bit LUT Auto Luminance Stabilizer Sensor DVI-D Luminance Equalizer Digital Uniformity Ambient Light Sensor Hot Swap Warranty
## LMD-DM20 Specifications

### LCD panel
- α-Si TFT Active Matrix LCD (B&W)

### Effective Picture Size
- Approx. 17 x 12.75 in (432 x 324 mm) (W/H, Diagonal)

### Size
- 21.3 in (541.02 mm)

### Viewing angle (H, V)
- 85°/85°/85°/85° (typical) (up/down/left/right contrast > 10:1)

### Resolution
- **Portrait**: 2MP (1600 x 1200)
- **Landscape**: 2MP (1200 x 1600)

### Pixel pitch
- **Normal**: 2MP 270 μm pitch

### Aspect
- **Landscape**: 4:3
- **Portrait**: 3:4

### Pixel efficiency
- 99.99%

### Number of Grayscale
- 256 out of 12241 shades of gray
- 1024 shades of gray (DisplayPort 10-bit input)
- 2048 simultaneous shades of gray
- Maximum luminance: 1800 cd/m² (panel typical)
- Contrast ratio: 700:1 (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: 90W
- Mass: Approx. 26 lb 7.3 oz (12.0 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 × 468.4/529.9 × 220 mm)
- **Portrait**: 14.44 x 20.54/22.96 x 8.66 in (367 × 521.9/583.4 × 220 mm)

### Safety Compliance
- **Canada**: No60601-1, Class B Digital Apparatus
- **China**: GB49493 (IEC60950)+GB9254 (CISPR22), GB17625.1 (IEC61000-3-2)

### Supplied Accessories
- AC power cord, DVI cable (Single 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)

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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.