



DOUBLE BLACK IMAGING

5MP Monochrome Auto-Calibrating LED



DBIMX50n-LED

FDA510(k) Certified for Mammography

The DBIMX50n-LED is a 5 mega-pixel Monochrome LED backlit LCD offering front sensors for true DICOM gray level and luminance auto-calibration. DVI and Display Port connectivity increase flexibility for use on new and older systems.

X-CAL Calibration Suite includes both local and web-based remote calibration ability. X-CAL allows an administrator to monitor all displays within the enterprise, launch calibration and receive alerts if LCD's fall out of calibration or if the calibration was unable to be completed. *Includes built in automatic calibrations, visual tests, reports and documentation required for MQSA Compliance.*

Overview

- ◆ 21.3" 5MP (2048 x 2560; 2560 x 2048) Monochrome LED
- ◆ Brightness - 1200 cd/m²
- ◆ Contrast Ratio - 1000:1
- ◆ Complete Screen Luminance Uniformity Control
- ◆ Built in Front Sensors with Backlight and Ambient Sensors
- ◆ 14 Bit Processing for Precise Image Rendering
- ◆ PrivateLite® - Private Ambient Reading Light Built In
- ◆ DVI and Display Port Connectivity
- ◆ Full 5 Year Warranty



PACS Displays



Mammo/Tomo Displays



Clinical Displays



MRSafe Displays



Surgical Displays

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DBIMX50n-LED Specifications

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| Description | 5 Mega-Pixel Monochrome LED Backlit LCD with front, backlight and ambient light sensors |
| Recommended Modalities | CT, MR, US, NucMed, PET, PACS, Mammography & Tomography |
| Diagonal Screen Size | 21.3" |
| # of Pixels | 5.2 Million Pixels |
| Resolution | 2048 x 2560 Portrait; 2560 x 2048 Landscape |
| Brightness | 1200cd/m ² ; ACR Recommended Calibrated brightness 420 cd/m ² |
| Contrast Ratio | 1000:1 |
| Viewing Angle | 178° Horizontal & Vertical |
| Palette | 14-bit |
| Video Inputs | DVI, Display Port |
| Dimensions HxWxD (Inches) | 20.5 x 15.4 x 9.8" |
| Weight with Stand/Base (lbs) | 23.6 lbs |
| Power Supply | Internal |
| Power Consumption | Max: 50W; Power Save: 2W |
| Compliance/Safety Standards | ANSI/AAMI ES 60601-1, CAN/CAS C22.2 No. 60601.1, IEC/EN60601-1, FDA510(k), FCC Class B, CE, VCCI Class B, KC, ICES-003-B, C-Tick |
| Warranty | 5 Years on the LCD, electronics and backlight; 3 Years on the graphic controller |
| Service & Support | 24/7 |
| Other Features | Embedded front sensor for true automatic DICOM Calibration, X-CAL Client & Remote Web-based Calibration Software Suite included, Rear sensor for backlight brightness control, Digital ambient light compensation, Complete screen luminance uniformity control, 14-bit processing for precise image rendering, Built in PrivateLite® for private, adjustable lighting, VESA standard mounting configurations, other mounting options available. |



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