

**DOUBLE
BLACK
IMAGING**

The DBI 5MP X Series Mono LCD

DBIMX50

FDA 510(k) for Mammography



The DBIMX50 is a 5 mega-pixel Monochrome LCD offering front sensors for True DICOM gray level and luminance auto-calibration. This 5MP Monochrome LCD has FDA 510(k) clearance for both Mammography and PACS.

X-CAL® Client and Remote Administration DICOM Auto-Calibration Software are included with each system at no charge. X-CAL® Client, the local workstation software will allow even individual workstations to be configured for auto-calibration without a network software piece. X-CAL® Remote Administration Server Software and the X-Series will allow an administrator to monitor all the displays within the enterprise, launch calibration and receive alerts if LCDs fall out of calibration or if calibration was unable to be completed.

An optional durable, bonded protective panel includes an anti-reflective coating. The added durability reduces maintenance costs and extends the useful life of the LCD.

- ◆ 21.3" 5MP (2048 x 2560, 2560 x 2048) Mono TFT LCD
- ◆ Brightness - 1100 cd/m²; Contrast Ratio - 850:1
- ◆ Display Port Compatibility as well as DVI-D Input
- ◆ Complete Screen Luminance Uniformity Control
- ◆ Built in Retractable Front Sensors with Backlight Sensor
- ◆ 14 Bit Processing for Precise Image Rendering
- ◆ Digital Ambient Light Compensation
- ◆ Private Light for Illumination in the Reading Room
- ◆ Full 5 Year Warranty



PACS Displays



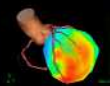
Clinical Displays



Surgical Displays



DICOMetrix



3D Imaging

DBIMX50

Description	5 Mega-Pixel Monochrome LCD with front sensors, backlight sensor and optional bonded protective panel
Recommended Modalities	CR, CT, DR, MR, Ultrasound, NucMed, PET, 3D, PACS, Mammography
Diagonal Screen Size	21.3"
# of Pixels	5 Mega-Pixel
Resolution	2048 x 2560 Portrait; 2560 x 2048 Landscape
Brightness	1100 cd/m ²
Contrast Ratio	850:1
Viewing Angle	170° Horizontal & Vertical
Palette	14 Bit
Video Inputs	DVI-D, DisplayPort
Dimensions HxWxD (Inches)	21.1 x 14.9 x 9.8"
Weight with Stand/Base (lbs)	25.5 lbs
Power Supply	Internal
Power Consumption	105W/Less than 1W During power save
Compliance/Safety Standards	UL60601-1, cUL2601-1, CE, IEC/EN60601-1, FCC Class B, VCCI Class B, KCC, ICES-003-B, C-Tick, CSA std, C22.2 No.601.1, CCC, FDA 510(k)
Service & Support	24/7
Warranty	5 years on the LCD, Electronics, Backlight and X-CAL; 3 years on the graphic controller
Other Features	Front Sensor for True Auto-Calibration, Client/Remote Administration Calibration Software included with MQSA reporting, Optional Bonded Protective Panel, Rear Sensor for back light brightness control, Digital Ambient Light Compensation, Complete Screen Luminance Uniformity Control, Built in LED PrivateLite, 14 Bit Processing for Precise Image Rendering, VESA Standard Mounting configuration, Other Mounting options available



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