



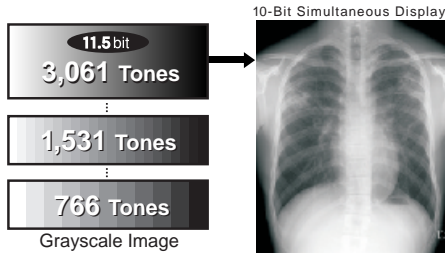
# RadiForce™ G51

21.3" CLASS MONOCHROME LCD MONITOR

5 megapixel monochrome LCD monitor with 10-bit (1,024 tones) simultaneous grayscale display for accurate diagnosis in mammography, DR, and CR

### 10-BIT GRAYSCALE DISPLAY

For precision grayscale rendering, the G51 contains an 11.5-bit look-up table for a grayscale palette of 3,061 tones from which 1,024 can be displayed simultaneously.



10-bit viewer software needed for 10-bit display. The G51 also supports 8-bit display.

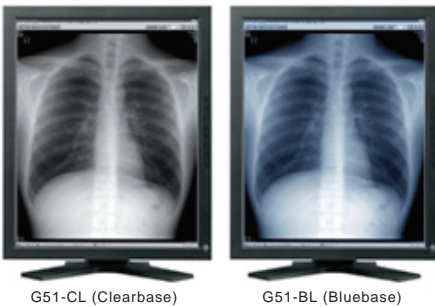
### 10-Bit Graphics Board

The optional MED5mp-PPP graphics board offers 10-bit output for simultaneous display of 1,024 grayscale tones. This board has been specially developed for mammography, CR, and other modalities requiring high definition display. Dual DVI-I ports support the connection of two monitors to the PC.



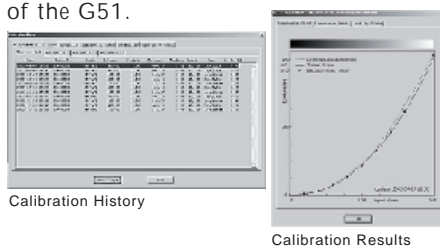
### CLEARBASE AND BLUEBASE

EIZO offers both clearbase and bluebase LCD panel types for the filmless environment.



### DICOM CALIBRATION

The optional Calibration Kit GX1 includes a photo sensor and software. The GX1 corrects changes in the backlight that occur over time for stable images for the lifetime of the G51.



# RadiForce™ G51

## 21.3" CLASS MONOCHROME LCD MONITOR

### BRIGHTNESS STABILITY

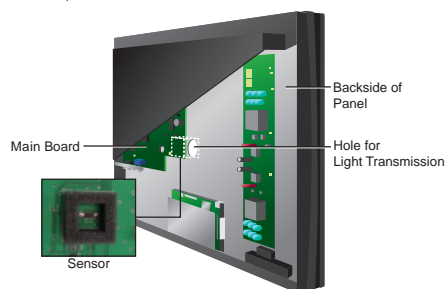
#### ● Drift Correction Circuit

Quickly stabilizes the brightness level after startup or coming out of power saving mode.

#### ● Auto Brightness Control

The monitor detects and automatically compensates for brightness changes caused by surrounding temperatures and the passage of time for stable brightness and longer service life.

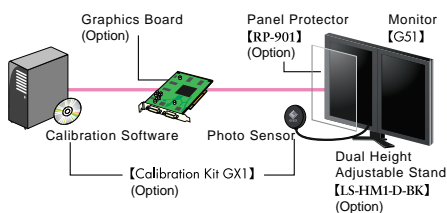
- This brightness control system is EIZO patented technology (Japan Patent Numbers 3171808 and 3193315; US Patent Number 6188380).



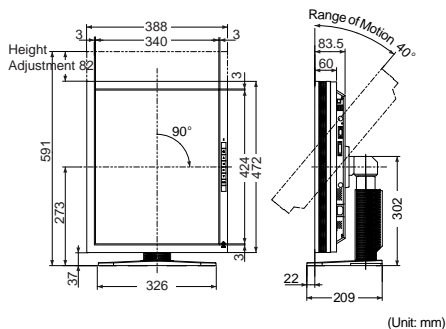
### SLIM BEZEL DESIGN

Narrow bezels along all four sides save space and require less eye movement in a multi-panel environment. Other features include an 82 mm height adjustable stand, 40° tilt, 70° swivel, and 90° portrait orientation.

### System Configuration



### Dimensions



### Specifications

Models	G51-CL, G51-BL
Panel Size and Type	54 cm (21.3") TFT monochrome LCD panel
Cabinet Color	Black
Pixel Pitch	0.165 x 0.165 mm
Grayscale Tones <sup>1</sup>	1,024 from a palette of 3,061
Viewing Angles	H: 170°, V: 170°
Scanning	99.9 - 107.9 kHz, 50 ± 3 Hz
Frequency (H, V)	
Native Resolution	2048 x 2560
Brightness	700 cd/m <sup>2</sup> (typical)
Contrast Ratio	800:1
Dot Clock	142 - 152 MHz
Response Time	100 ms
Input Signals	DVI Standard 1.0
Input Terminals	DVI-D 24 pin
USB Ports	1 upstream, 2 downstream
USB Standard	Rev. 1.1
Serial Ports	D-Sub 9 pin (Remote Out), Mini DIN 6 pin (Remote In), Mini DIN 8 pin (Photo Sensor)
Active Display Size (H x V)	422 x 338 mm
Viewable Image Size	540 mm (diagonal)
Plug & Play	VESA DDC2B
Screen Control	ScreenManager®
Power Requirements	AC 100 - 120V / 200 - 240V, 50 / 60 Hz
Power Management	DVI DMPM
Power Consumption	70 watts (typical)
Power Save Mode	Less than 6 watts
Height Adjustment Range	82 mm
Dimensions (W x H x D)	With Stand: 388 x 509 - 591 x 209 mm Without Stand: 388 x 472 x 84 mm
Net Weight	With Stand: 9.5 kg, Without Stand: 6.3 kg
Tilt / Swivel	40° Up, 0° Down / 35° Right, 35° Left
Pivot	90°
Certifications and Standards	TÜV/GM (EN60601-1), CE Medical Device Directive, CB (IEC60601-1), cTUVus (UL2601-1, CSA C22.2 No. 601-1), FCC-A, Canadian ICES-003-A, VCCI-A, EIZO Eco Products 2002
Supplied	AC power cord, signal cable (DVI-D - DVI-D), user's manual, warranty registration card

<sup>1</sup> The G51 also supports simultaneous 8-bit display (256 grayscale tones).

With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

### Accessories

#### GRAPHICS BOARDS

#### MED5mp-PPP 10-bit<sup>2</sup>

##### Graphics Board Specifications

Bus Interface	PCI 32-bit (33MHz)/ 64-bit (66 MHz)
Output Signal	DVI x 2
Display Resolutions (portrait mode) <sup>3</sup>	2048 x 2560 (Single head) 4096 x 2560 (Dual head)
Dot Clock	148 MHz
Scanning Frequency (H, V)	103.9 kHz, 50 Hz
Maximum Power Consumption	40W
System Requirements	
Compatible OS	Microsoft Windows XP/2000/NT 4.0 (SP6 or later)
Host Processor	600 MHz or greater
Frequency	
Main Memory	128 MB or greater

#### VREngine/MD5W 8-bit

##### Graphics Board Specifications

Bus Interface	PCI 32-bit (33MHz)
Output Signal	DVI x 2
Display Resolutions (portrait mode) <sup>3</sup>	2048 x 2560 (Single head) 4096 x 2560 (Dual head)
Dot Clock	148 MHz
Scanning Frequency (H, V)	103.9 kHz, 50 Hz
Maximum Power Consumption	15W
System Requirements	
Compatible OS	Microsoft Windows XP/2000/NT 4.0 (SP6 or later)
Host Processor	500 MHz or greater
Frequency	
Main Memory	256 MB or greater

<sup>2</sup> 8-bit output also supported.

<sup>3</sup> Landscape mode also supported.

#### CALIBRATION KIT

#### RadiForce Calibration Kit GX1

Includes photo sensor and calibration software.

#### PANEL PROTECTOR

#### RP-901

Protects the screen from dust and scratches.

#### DUAL HEIGHT ADJUSTABLE STAND

#### LS-HM1-D-BK

Holds two monitors, offers a height adjustment range of 75 mm in 6 stages, and supports portrait and landscape orientation.

#### CLIENT MANAGEMENT SOFTWARE

#### Screen Administrator

Enables various setup and management tasks of the G51 and its assigned PC to be executed across a network from a single server PC.

Specifications are subject to change without notice.

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