

RadiForce[®] G11

18.1" CLASS MONOCHROME LCD MONITOR

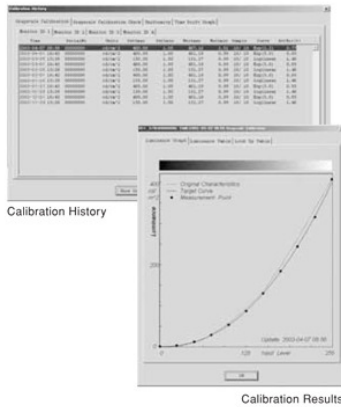
1 megapixel (1280 x 1024) monochrome monitor with accurate and consistent grayscale rendering for CT, DSA, MRI, and other modalities

1,531 GRAYSCALE TONES

The G11 incorporates a 10.5-bit Look-Up Table that provides a grayscale palette of 1,531 tones from which 256 can be displayed simultaneously. The result is smooth and accurate rendering of grayscales to match the DICOM curve.

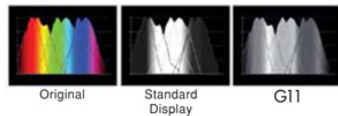
CALIBRATION SUPPORT

Comprised of a photo sensor and software, the optional Calibration Kit GX1 ensures DICOM compliance and allows for fine adjustment of grayscale tones. A calibration history function records all calibration activities for long-term picture quality control.



COLOR-GRAYSCALE CONVERSION

When the DVI input receives an RGB signal from a color analog graphics board, a conversion function accurately reproduces the original color brightness differences in grayscale.



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BRIGHTNESS STABILIZATION

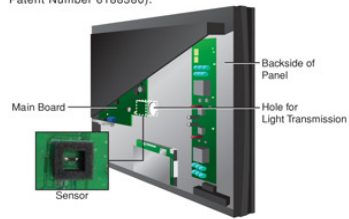
● Drift Correction Circuit

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

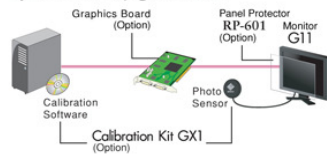
*This brightness stabilization function is EIZO patented technology (Japan Patent Numbers 3171808 and 3193315; US Patent Number 6188380).



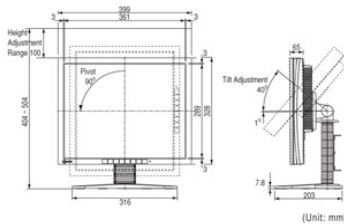
SLIM BEZEL DESIGN

Narrow bezels along all four sides save space and require less eye movement in a multi-panel environment. Other features include a 100 mm height adjustable stand, 41° tilt, 70° swivel, and 90° portrait orientation.

System Configuration



Dimensions



Specifications

Panel Size and Type	46 cm (18.1") TFT monochrome LCD panel
Cabinet Color	Black
Pixel Pitch	0.2805 x 0.2805 mm
Grayscale Tones	256 from a palette of 1,531
Viewing Angles (H, V)	170°, 170°
Scanning Frequency (H, V)	Analog: 27 – 82 kHz, 50 – 85 Hz Digital: 27 – 64 kHz, 60 Hz (VGA Text: 70 Hz)
Native Resolutions	1280 x 1024
Brightness	700 cd/m ²
Contrast Ratio	600:1
Dot Clock	Analog: 135 MHz, Digital: 108 MHz
Response Time	40 ms (typical)
Input Signals	RGB Analog, DVI Standard 1.0
Sync Formats	Separate, Composite, Sync-on-Green
Input Terminals	DVI-I 29 pin, BNC ¹
USB Ports / Standard	1 upstream, 2 downstream / Rev. 1.1
Serial Ports	Mini DIN 6 pin (Remote In), Mini DIN 8 pin (Photo Sensor)
Active Display Size (H x V)	359 x 287 mm
Viewable Image Size	459 mm (diagonal)
Plug & Play	VESA DDC 2B
Screen Control	ScreenManager®, One Touch Auto Adjustment Function
Power Requirements	AC 100 – 120V, 200 – 240V: 50 / 60 Hz
Power Management	VESA DPMS, DVI DMPM
Power Consumption	50 watts
Power Save Mode	Less than 8 watts
Height Adjustment Range	100 mm
Dimensions (W x H x D)	With Stand: 399 x 404 – 504 x 203 mm Without Stand: 399 x 328 x 65 mm
Net Weight	With Stand: 7.8 kg, Without Stand: 5.5 kg
Tilt / Swivel	40° Up, 1° Down / 35° Right, 35° Left
Pivot	90°
Certifications & Standards	TUV/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, TÜV/S, FDA, CCC, EIZO Eco Products 2002
Supplied Accessories	AC power cord, user's manual, signal cables (DVI-D – DVI-D, DVI-I – D-Sub), warranty registration card

¹ Accepts BNC signal input with the optional RadiForce BNC Adaptor B100FM.

Accessories

GRAPHICS BOARDS

VREngine/MD2W 8-bit

Graphics Board Specifications

Bus Interface	PCI 32 bit (33 MHz)
Output Terminals	DVI-D x 2
Display Resolutions (portrait mode) ¹	1200 x 1600 / 1024 x 1280 (Single head) 2400 x 1600 / 2048 x 1280 (Dual head)
Display Memory	64 MB SDRAM
Dot Clock	161.9 or 132.5 MHz
Scanning Frequency (H, V)	75 kHz, 60 Hz
Maximum Power Consumption	15 watts

System Requirements

Compatible Operating Systems	Microsoft Windows XP/2000/NT 4.0 (SP 6 or later)
Host Processor	500 MHz or greater
Frequency	75 kHz, 60 Hz
Main Memory	256 MB or greater

MED2mp-PCI 8-bit

MED2mp-AGP 8-bit

Graphics Board Specifications

Bus Interface	PCI 32 bit (33 MHz) / PCI 64 bit (66 MHz) AGP AGP4x
Output Terminals	DVI-I x 2
Display Resolutions (portrait mode) ¹	up to 1200 x 1600 (Single head) up to 2400 x 1600 (Dual head)
Dot Clock	162 MHz
Scanning Frequency (H, V)	75 kHz, 60 Hz
Maximum Power Consumption	40 watts

System Requirements

Compatible OS	Microsoft Windows XP/2000/NT 4.0 (SP 6 or later)
Host Processor	600 MHz or greater
Frequency	75 kHz, 60 Hz
Main Memory	128 MB or greater

¹ Landscape mode also supported.

CALIBRATION KIT

RadiForce Calibration Kit GX1

Includes photo sensor and calibration software.

PANEL PROTECTOR

RP-601

Protects panel from dust and scratches.

SIGNAL CONVERTER

RadiForce BNC Adaptor B100FM

DVI-I/BNC signal converter.

DUAL HEIGHT ADJUSTABLE STAND

LS-HM1-D

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 G11 and its assigned PC to be executed across a network from a single server PC.