Eizo RadiForce G33
20.8" Monochrome LCD Monitor

Built-In Swing Sensor
Built-in swing sensor is conveniently enabled and visible only when remote quality control operations such as calibration are being performed. Compatible with RadiCS and RadiNET Pro versions 2.5.0 and later.

12-Bit Simultaneous Grayscale Display
A 13-bit look-up table produces a palette of 8,161 grayscale tones from which 4,096 (12-bit) tones can be displayed simultaneously, ensuring a highly-refined grayscale. Along with aperture modulation technology, a different area ratio for each sub-pixel is displayed; providing a higher number of grayscale tones.

DUE for Brightness Uniformity
The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is considered difficult to attain due to the characteristics of LCD monitors.

Calibration Mode Selection
Selectable with the front panel buttons, the CAL Switch function allows for various calibration modes of different modalities such as CR, CT, and endoscope images. Furthermore, auto mode settings can be made with the Auto CAL Switch function.

Brightness Stabilization
At startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level. In addition, a sensor measures the backlight brightness and compensates for brightness fluctuations caused by the ambient temperature and the passage of time.

Wide Viewing Angles
Viewing angles are 170° wide with minimal color shift when viewed from the side.

Backlight Saver
With ScreenManager Pro for Medical utility software installed, the

Backlight Saver function allows for the monitor's backlight to turn off when the screen saver is activated and the monitor's backlight to turn on when the computer comes out of the screen saver mode. This function helps to reduce power consumption when the monitor is used for a prolonged period of time.

Ergonomic Design
Narrow bezels require less eye movement in a multi-panel environment. The height and pivot adjustable stand offers added flexibility and viewing comfort.

Pairing Monitors
EIZO offers the same color and grayscale for two monitors bundled as a pair in one box.

LCD Panel Protector
This anti-reflective panel protector is pre-attached to the monitor at production for protection against dust and scratches.

Full 3-Year Warranty
EIZO and its authorized distributors offer a three-year limited warranty.

Brightness Stability Within Usage Time Guaranteed
EIZO's confidence in its product quality extends to brightness stability which is also covered during the usage time specified in the warranty.

Customer Assurance
Meets the strictest medical, safety and EMC emissions standards including TÜV/GM, UL60601-1, CE, CB, CSA C22.2 No.601-1, VCCI, FCC, and FDA 510(k).

ISO 13485 Certification
Acquiring ISO 13485 certification demonstrates EIZO's ability to consistently meet customer requirements for these devices and services.

Specifications

Cabinet Color	Black
Panel	53 cm(20.8") TFT Monochrome LCD Panel (Dual Domain-IPS / Aperture Modulation)
Active Display Size (H×V)	318 ×424 mm
Viewable Image Size	Diagonal:529mm
Native Resolution	1536 ×2048 (portrait) / 2048 ×1536 (landscape)
Pixel Pitch	0.207 × 0.207mm
Display Colors	4,096 from a palette of 8,161
Viewing Angles (H,V)	170° / 170°
Brightness	700 cd/m2 (typical)
Recommended Brightness for Calibration	450 cd/m2
Contrast Ratio	700:1
Response Time	50 ms (typical)
Scanning Frequency (H,V)	31-100 kHz, 48-71.5 Hz (VGA Text :69-71Hz) Frame synchronous mode:59-61Hz
Dot Clock	165 MHz
Input Signals	DVI Standard 1.0
Input Terminal	DVI-D 24 pin
USB Ports	1 upstream, 2 downstream
USB Standard	Standard Rev. 2.0
Plug & Play	VESA DDC 2B
Power Requirements	AC100-120V, 200-240V:50/60Hz
Power Consumption	100W
Power Save Mode	Less than 3W
Built-In Sensor	Built-In Swing Sensor
Power Management	DVI DMPM
OSD Languages	English, Japanese
Height Adjustment Range	82mm
Pivot	90°
Tilt / Swivel	40°Up,1°Down / 35°Right,35°Left
Dimensions (W×H×D)	With Stand:368 × 515.5 - 597.5 ×209mm Without Stand:368 × 486 × 94mm
Net Weight	With Stand:10.0 kg Without Stand: 7.0 kg
Hole Spacing	VESA standard (100×100)
Certifications and Standards	CE(Medical Device Directive), TÜV/GM (EN60601-1), cTÜVus (UL2601-1, CSA C22.2 No. 601-1), CB (IEC60601-1), VCCI-B, FCC-B, Canadian ICES-003-B, FDA 510(k), CCC
Supplied Accessories	AC power cord, user's manual, signal cable (DVI-D~DVI-D), USB cable, EIZO LCD Utility Disk (ScreenManager Pro for Medical software), warranty registration card