



Endoscopic Monitor
RadiForce® ES240W





2.3MP WIDE RadiForce[®]
ES240W

61 cm (24.1") Color LCD Monitor

This endoscopic monitor includes adjustment functions and viewing features that allow physicians to easily discern even the most subtle differences in color with internal organs and haemostatic images.

- Accurate color with wide color gamut LCD panel.
- EIZO's cutting-edge circuitry adjusts color gradations and temperature for easier distinguishing of internal organs and haemostatic images.
- Multiple ports to support signal connectivity of endoscope video systems.
- 1920 x 1200 native resolution capable of displaying full high-definition (HD) images at 1920 x 1080.
- Clear images with interlace/progressive (I/P) conversion.
- What the physician sees on screen is virtually synchronous with the actions of the procedure with Thru mode activated.
- Overdrive circuit ensures moving images look clear with an absolute minimum of blurring and ghosting.

Model Variations	ES240W: With Stand ES240W-F: Without Stand	Sensor	Backlight Sensor
Cabinet Color	White Silver, Black	Power Management	Digital: DVI DMPM, Analog: VESA DPMS
Panel	TFT Color LCD Panel (VA)	OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Active Display Size (H x V)	518.4 x 324.0 mm	Net Weight	With Stand: 10.5 kg, Without Stand: 8.1 kg
Viewable Image Size	Diagonal: 611 mm	Hole Spacing	VESA standard (100 x 100 mm)
Native Resolution	1920 x 1200	Certifications and Standards	CE (Medical Device Directive), TÜV/GM (EN60601-1), cTÜVus (UL 60601-1, CSA C22.2 No.601-1), CB (IEC60601-1), VCCI-B, FCC-B, ICES-003-B, c-Tick, RoHS, EIZO Eco Products 2006
Pixel Pitch	0.270 x 0.270 mm	Supplied Accessories	AC power cord, signal cables (D-Sub mini 15 pin ~ D-Sub mini 15 pin, DVI-D ~ DVI-D), USB cable, EIZO LCD Utility Disk (user's manual), Remote Control, Battery for Remote Control, Remote Control guide, warranty card
Display Colors	16.77 million from a palette of 1.06 billion colors	Warranty	Three Years
Viewing Angles (H,V)	178°, 178°	Dimensions [Unit: mm]	
Brightness	360 cd/m ² (typical)		
Contrast Ratio	1000: 1 (typical)		
On/Off Response Time	16 ms (typical)		
Midtone Response Time*	6 ms (typical)		
Scanning Frequency (H, V)	Digital: 31.5 - 76 kHz, 59 - 61 Hz Analog: 31.5 - 80 kHz, 55 - 76 Hz		
Dot Clock	Digital: 162 MHz, Analog: 162 MHz		
Input Signals	Digital: DVI 1.0, Analog: RGB Analog		
Sync Formats	Separate		
Input Terminal (PC Signal)	Digital: DVI-D 24 pin (HDCP supported), HDMI x 2 Analog: D-Sub mini 15 pin		
Input Terminal (AV Signal)	Digital: HDMI x 2 Analog: Composit x 1, S-Video x 1 (Priority on S-Video), Component x 1		
USB Ports	2 upstream, 2 downstream		
USB Standard	Rev. 2.0		
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz		
Power Consumption	105 watts		
Power Save Mode	Less than 1.3 watts		

* Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223.



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