



RadiForce® LX470W

Surgical Monitor Solutions



RadiForce[®] LX470W

2 MP 119 cm (47") Color LCD Monitor



This 2 MP Widescreen monitor is ideally suited for viewing DICOM X-ray images or serving as a repeater monitor in surgical environments. A wide range of input and output signals, the combining of pictures, and pre-calibrated gamma models permit tailoring the monitor to multiple specialities. The fanless design and the waterproof, easy-to-clean front enable usage in sterile hospital environments.

- Fully Automated Stability through the Integrated Stability System (ISS)
- DICOM/CIE compliant grayscale response built into the monitor
- 5 factory calibrated 12-bit Look-up tables adaptable to diverse modality and viewing environments
- Multiple video input and output capability for enhanced compatibility
- Picture in Picture (PiP) and Picture and Picture (PaP) function for flexible screen configuration
- Protection screen for shock resistance and high front protection degree
- Passive cooling system
- Fully supported by the SMfit Total Care family of quality assurance tools

Monitor Performance	
Cabinet Color	White (NCS S 1000-N) or Black (RAL7021)
Panel	TFT Color LCD Panel (S-IPS)
Active Display Size (H x V)	1039.7 x 584.8 mm
Viewable Image Size	Diagonal: 1193 mm
Native Resolution	1920 x 1080
Pixel Pitch (H x V)	0.5415 x 0.5415 mm
Display Colors	1.07 Billion colors
Viewing Angles (H,V)	178°, 178° (min.)
Brightness	700 cd/m ² (typical)
Brightness Non-Uniformity	<30%
Contrast Ratio	1000:1 (typical)
Response Time	9 ms (typical) (GtG)
LUT	12 Bit
Sensor	ISS (Integrated Stability System)
Signal Properties	
Scanning Frequency (H, V)	15 kHz - 100 kHz, 50 Hz - 85 Hz
Dot Clock	165 MHz
Signal Inputs	
Connectors	1 x DVI 1 x HDMI (HDCP) 1 x Sub-D 15 pin 2 x BNC 1 x 4pin mini-DIN
Supported Signals	DVI Standard 1.0 DVI analog / digital +DDC, HDMI (DVI-HDCP), RGB/HV, RGBS, Component Video (Y PbPr), SoG, HD-SDI, Composite Video (CVBS), S-Video
Signal Outputs	
Connectors	1 x Sub-D 15 pin 2 x BNC 1 x 4pin mini-DIN
Supported Signals	RGB/HV, RGBS, Component Video (Y PbPr), SoG, HD-SDI, Composite Video (CVBS), S-Video

Data Interface	
Connectors	RJ11, DVI, USB
Supported signals	RS232, RS232 Bus, DDC, USB 2.0
Power Requirements	
Input Voltage	100 - 240 VAC, ± 10%
Power Frequency	50 - 60 Hz, ± 5%
Power Consumption	270 watts (max.)
Power Management	DVI DMPM
Mechanical Specifications	
Orientation	Landscape
Mechanical Adaptation	VESA 400 mm x 200 mm
Degree of Protection	IP 20 (display) IP 54 (front only)
Net Weight	40 kg
Dimensions (W x H x D)	1101 x 646 x 106 mm
Climatic Conditions	
Operating Temperature	5 to +40 °C (+41 to +104 °F)
Storage Temperature	-20 to +55 °C (-4 to +131 °F)
Approvals	
Certifications and Standards	EN60601-1, CSA C22.2 No.601.1, UL60601-1, EN60601-1-2 Class B, FCC Class A
Accessories	
Supplied Accessories	AC Power Cord, DVI Cable, Remote Control, Documentation on CD
Optional Accessories	Wall Mount, Stand
Warranty	
Standard Warranty	Three Years
Model Variations	
LX470W White	6GF6260-5FA10 available Q1/10
LX470W Black	6GF6260-5FA11 available Q1/10

