Richardson Electronics
HEALTHCARE
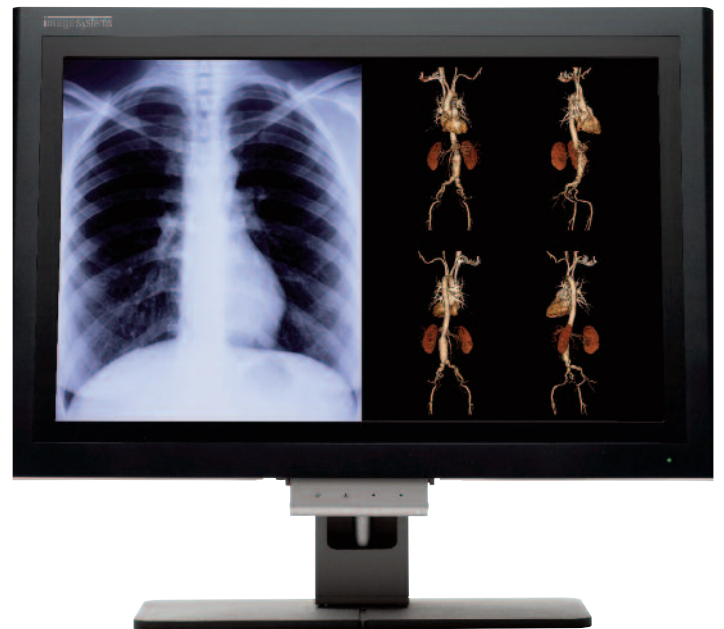
Image Systems 6MP LED Backlight

6 MP

- High Brightness
- True 10-Bit TFT LCD
- LED Backlight
- 14-Bit RGB Color
- Front/Back/Ambient Light Sensors

Richardson's **Image Systems** brand of medical grade imaging displays again sets the standard for quality, flexibility, and accuracy in diagnostic LCDs.
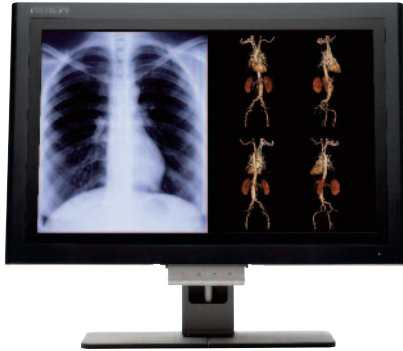
Exceptionally high brightness, high contrast ratios and calibration capabilities present consistent diagnostic quality images that enhance workflow for applications benefitting from a fusion of color and grayscale. This includes PACS Radiology grayscale images with color tools, PET, 3D, Cardiology, Ultrasound, Nuclear Medicine, and Digital Pathology.

image systems

Richardson Healthcare | www.rellhealthcare.com | healthcare@rell.com | 888.735.7373

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Specifications & Features

6 MP

Series Model / Type	Image Systems 6MP LED Backlight XLED6MPC
LCD panel	TFT AMLCD IPS, True 10-bit RGB Color, LED Backlight
Screen size	28.5" / 72.4 cm (active), 33.5" (outer)
Resolution	3280 × 2048
Pixel pitch	0.187 × 0.187 mm
Brightness	800 cd/m²
Brightness calibrated (typ.)	500 cd/m²
Contrast ratio	800:1
Look Up Table	14-Bit
Viewing angle (H × V)	170° / 170° at 20:1 contrast
Luminance Uniformity Correction	5 Levels selectable between Min and Max
Input signal	DVI-D ×2 , DisplayPort ×2
Universal Serial Bus (USB)	1 up and 3 down-streams
Sensor built In	IQ Sensor™, SBC, DAC
VESA mounting interface	100 × 100 mm
Weight	48.5 lbs (22 kg) with stand
Dimension (W × H × D)	15.5 × 21.1 × 9.7"
Tilt / swivel / height adjustment	-3°, +30° / ±30° / 108 mm
Lanscape rotation	Landscape only
Operating range	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	30 % to 80 %
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Power supply	AC Input 100 - 240 V ±10 %, 60 Hz / 50 Hz ±3Hz
Power consumption	Max: 130 W / typ. 85 W / Power Save Mode: 2 W
Safety & Emissions	FCC Class B, CE, VCCI Class B, KCC, ICES-003-B, C-Tick, UL60601-1, CSA Std., C22.2 No.601.1, IEC/EN60601-1, FDA510(K) approved
Warranty display	5-Year standard warranty

FEATURES

Calibration Feedback System - CFS™
Accurate and consistent presentation of images is a critical requirement for radiology displays.
Image Systems' Calibration Feedback System (CFS™) comes standard with every Image Systems display and ensures your LCD is calibrated properly for DICOM® 3.14 compliance.

Digital Ambient Light Sensor
With functionality tied to CFS™ the Digital Ambient Light Sensor warns the user if room lighting significantly changes from the value read at the time of a field DICOM® calibration.

Illuminated In-Bezel OSD Controls
OSD controls are viewable in a dark reading environment for easy display adjustment.

About Image Systems
For the last 20 years, Image Systems has been recognized as an industry-leading display brand by consistently providing the highest quality diagnostic and clinical display solutions to the healthcare industry.

Tek Link
Comprehensive Technical Support
www.rellhealthcare.com/teklink

Hot Swap
Extended Warranty & Advance Replacement Program