

IMAGE PERFORMANCE

LCD Panel	Active Matrix With In Plane Switching (IPS)
Image Size (H x W)	20.4 x 12.8 inches (518 x 324 mm)
Viewing Area (Diagonal)	24 inches (610 mm)
Pixel Pitch	0.270 mm
Resolution (H x W)	1920 x 1200 (WUXGA)
Luminance	500 cd/m ² (Max)
Contrast Ratio	700:1 (Typical)
Aspect Ratio	16:10
Number of Colors	16.8 Million
Color Gamut	100% (SMPTE 296M, HD Standard)
Viewing Angle	178° (Horizontal & Vertical)
Response Time	5-12 ms
Gamma	1.8, 2.0, 2.2, 2.4, 2.6, PACS (DICOM) Color Corrected Video Gamma

GENERAL

Input Power Requirements	22 – 24 Volts DC
Power Consumption	115 Watts (Typical)
Dimensions (W x H x D)	23.5 x 15.8 x 4 inches (597 x 401 x 100 mm)
Weight	16.1 lbs (7.31 Kg)
Temperature	Operating: 0 to +40°C (+32 to +104°F) Storage: -20 to +60°C (-4 to +140°F)
Humidity	Operating: 20 – 85% RH Storage: 5 – 85% RH
Mounting	100 mm VESA

SUPPLIED / OPTIONAL ACCESSORIES

Supplied: Power Supply, Video Cables - S-Video, BNC (2), VGA, DVI (2), AC Cord, Product Documentation CD, Printed User Manual
Optional: Display Stand (26B0088), Rear I/O Cover (25L0021)

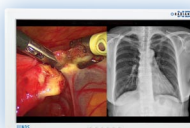
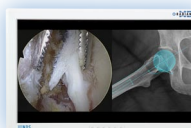
USER CONTROLS - ON-SCREEN MENU

Primary / Secondary Input Selection, MMI Window Size / Swap, Brightness, Contrast, Hue, Saturation, Gamma, Sharpness, RGB Gain, Backlight Level, Horizontal & Vertical Position, Phase, Frequency, DPMS, Auto-Source Select, Scaling, Overscan (Up to 25% Overscan), Five Programmable User / Modality Settings Profiles

VIDEO INPUT FORMATS

Format	Input (Digital)	Input (Analog)	Horizontal Frequency (kHz)
576/50i (PAL)	SDI, DVI / Fiber	Comp, S-Video, RGBS, YP _b P _r	15.625
480/60i (NTSC)	SDI, DVI / Fiber	Comp, S-Video, RGBS, YP _b P _r	15.734
576/50p	DVI / Fiber	SOG, RGBS, YP _b P _r	31.250
480/60p	DVI / Fiber	SOG, RGBS, YP _b P _r	31.469
720/50p	HD-SDI, DVI / Fiber	HD-RGBS, HD-YP _b P _r	37.500
720/60p	HD-SDI, DVI / Fiber	HD-RGBS, HD-YP _b P _r	45.000
1080/50i	HD-SDI, DVI / Fiber	HD-RGBS, HD-YP _b P _r	28.125
1080/60i	HD-SDI, DVI / Fiber	HD-RGBS, HD-YP _b P _r	33.750
1080/50p	DVI / Fiber	--	56.2
1080/60p	DVI / Fiber	--	67.3

FULL HIGH DEFINITION MULTI-MODALITY IMAGING



INPUTS

DVI (1) / Fiber	DVI-D / LC x 4
DVI (2)	DVI-I
HD-SDI (1)	BNC, 75 Ω
HD-SDI (2)	BNC, 75 Ω
HD-RGBS, RGBS	BNC x 5, or DVI-I (2), 0.7 Vp-p ± 6db, 75 Ω
HD-YP _b P _r / YP _b P _r	BNC x 5, or DVI-I (2), 0.7 Vp-p ± 6db, 75 Ω
VGA	HD-15, or BNC x 5, or DVI-I (2), 0.7 Vp-p ± 6db, 75 Ω
Sync-On-Green (SOG)	BNC, 75 Ω
S-Video	DIN-4, or BNC x 2, 0.7 Vp-p +6/-3db, 75 Ω
Composite	BNC, 0.7 Vp-p +6/-3db, 75 Ω

CONNECTIVITY

OUTPUTS

DVI (1)	DVI-D
HD-SDI (1)	BNC
HD-RGBS, RGBS	BNC x 5, or DVI-I (2)
HD-YP _b P _r / YP _b P _r	BNC x 5, or DVI-I (2)
S-Video	DIN-4

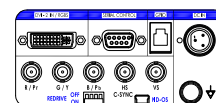
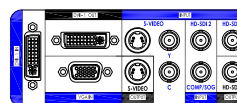
CONTROL INPUTS

Serial Remote	D-sub 9pin, RS-232C
GPIO	RJH-4, TTL
ND-OS	Mini-USB

COMPLIANCE & CERTIFICATIONS

UL 60601-1, EN 60601-1, EN 60601-2, MDD 93/42/EEC, CE, CAN/CSA C22.2 NO. 601.1, Class 1 Medical Device, RoHS, FCC Part 15

INPUT / OUTPUT CONNECTOR PANEL



MULTI-MODALITY INPUT COMBINATIONS (FULL MMI)

PRIMARY INPUT	SECONDARY INPUT							
	DVI(1)	HD-SDI (1)	DVI(2)	HD-SDI (2)	HD-YP _b P _r	HD-RGBS	Y/C	Comp.
DVI (1)	•	•	•	•	•	•	•	•
HD-SDI (1)	•	•	•	•	•	•	•	•
DVI (2)	•	•	•	•	N/A	N/A	•	•
HD-SDI (2)	•	•	•	•	•	•	•	•
HD-RGBS	•	•	N/A	•	•	•	•	•
HD-YP _b P _r	•	•	N/A	•	•	•	•	•
Y/C	•	•	•	•	•	•	N/A	•
Comp.	•	•	•	•	•	•	N/A	•
SOG	•	•	•	•	•	•	•	N/A
VGA	•	•	•	•	•	•	•	N/A