

IMAGE PERFORMANCE

LCD Panel	Active Matrix TFT with IPS, LED Backlight
Image Size (W x H)	22.7 x 12.7 inches (576 x 324 mm)
Viewing Area (Diagonal)	26.0 inches (660 mm)
Pixel Pitch	0.3 mm
Resolution (H x V)	1920 x 1080, 16:9 Aspect Ratio (HDTV Format)
Luminance (Typical)	450 cd/m ² (Max)
Color Calibration	NDS Color Correction Technology (CCT)
Contrast Ratio	1400:1 (Typical)
Number of Colors	1.07 Billion Colors (10-bit)
Color Gamut	BT.709 or SMPTE C
Viewing Angle	178° (Horizontal & Vertical)
Response Time	8 ms (Typical)
Display Latency	Less than 1 Frame (up to 16 ms)

GENERAL

Input Power Requirements	24 Volts DC (21.6 Volts minimum)
Power Consumption	60 Watts (Typical)
Dimensions (W x H x D)	26.5 x 16.5 x 3.5 inches (673 x 418 x 88 mm)
Weight	17.5 lbs (8.0 kg)
Temperature	Operating: 0 to +40°C (+32 to +104°F) Storage: -20 to +50°C (-4 to +122°F)
Humidity	Operating: 20 – 85% RH Storage: 5 – 85% RH
Mounting	100 mm VESA

STANDARD DISPLAY PART NUMBERS

- 90R0052 - 26" Radiance® G2 HB without Fiber
- 90R0053 - 26" Radiance® G2 HB with Fiber

COMPLIANCE & CERTIFICATIONS ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, FCC Class B, EN60601-1, EN60601-1-2, CE, IP 32, MDD 93/42/EEC, 2007/47/EC, RoHS, WEEE, Class I Medical Device, CCC (Pending).

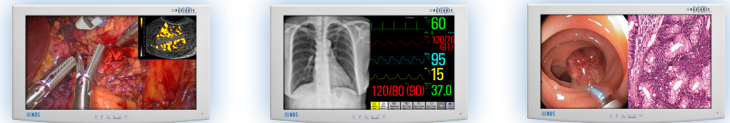
USER CONTROLS - ON-SCREEN MENU

Quick Input Select, Primary / Secondary Input Select, MMI Window Size / Swap, CCT Setting, Brightness, Contrast, Hue, Saturation, Color Temp. Presets, Gamma Presets, DICOM Compliant "PACS" Gamma Setting, Sharpness, RGB Gain, Backlight Level, Horizontal & Vertical Position, Phase, Frequency, DPMS, Auto-Source Select, Scaling, Overscan, Five Programmable User / Modality Settings Profiles

VIDEO INPUT FORMATS

Format	Input (Digital)	Input (Analog)	Horizontal Freq (KHz)
576/50i (PAL)	SDI, DVI / Fiber	Comp, S-Video, VGA, SOG, RGBS, YP _b P _r	15.625
480/60i (NTSC)	SDI, DVI / Fiber	Comp, S-Video, VGA, SOG, RGBS, YP _b P _r	15.734
576/50p	DVI / Fiber	VGA, SOG, RGBS, YP _b P _r	31.250
480/60p	DVI / Fiber	VGA, SOG, RGBS, YP _b P _r	31.469
720/50p	HD-SDI, DVI / Fiber	VGA, SOG, HD-RGBS, HD-YP _b P _r	37.500
720/60p	HD-SDI, DVI / Fiber	VGA, SOG, HD-RGBS, HD-YP _b P _r	45.000
1080/50i	HD-SDI, DVI / Fiber	VGA, SOG, HD-RGBS, HD-YP _b P _r	28.125
1080/60i	HD-SDI, DVI / Fiber	VGA, SOG, HD-RGBS, HD-YP _b P _r	33.750
1080/50p	3G-SDI, DVI / Fiber	VGA, SOG	56.2
1080/60p	3G-SDI, DVI / Fiber	VGA, SOG	67.3

HIGH BRIGHTNESS, LED BACKLIGHT, COLOR CALIBRATED SURGICAL DISPLAY



INPUTS

DVI (1)	DVI-D
Single Fiber (Optional)	LC x 1
DVI (2)	DVI-I (2)
3G-SDI (1)	BNC, 75 Ω
3G-SDI (2)	BNC, 75 Ω
VGA	HD-15, or BNC x 5, or DVI-I (2), 0.7 Vp-p ± 6db, 75 Ω
SOG (1)	BNC, 75 Ω
SOG (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
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
3G-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

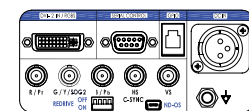
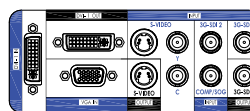
CONTROL INPUTS

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

SUPPLIED / OPTIONAL ACCESSORIES

Supplied: Power Supply, AC Cord, Video Cables - S-Video, BNC, VGA, DVI
Product Documentation CD, Printed User Manual
Optional: Display Stand (26B0088), Rear I/O Cover (20L0006), 30 ft. Power Extension Cable kit (90I0018)

INPUT / OUTPUT CONNECTOR PANEL



Single-Fiber Input (Optional)

MULTI-MODALITY INPUT COMBINATIONS (FULL MMI)

PRIMARY INPUT	SECONDARY INPUT									
	DVI1/Fiber	3G-SDI 1	DVI2	3G-SDI 2	YP _b P _r /SOG2	RGBS	Y/C	Comp.	SOG1	VGA
DVI 1/ Fiber		•	•	•	•	•	•	•	•	•
3G-SDI 1	•		•	•	•	•	•	•	•	•
DVI 2	•	•		•	N/A	N/A	•	•	•	•
3G-SDI 2	•	•	•		•	•	•	•	•	•
RGBS	•	•	N/A	•			•	•	•	•
YP _b P _r /SOG 2	•	•	N/A	•			•	•	•	•
Y/C	•	•	•	•	•			N/A	•	•
Comp.	•	•	•	•	•	•				•
SOG 1	•	•	•	•	•	•	•			N/A
VGA	•	•	•	•	•	•	•	•	N/A	