

IMAGE PERFORMANCE

| | |
|-------------------------|---|
| LCD Panel | Active Matrix TFT with IPS, LED Backlight |
| Image Size (W x H) | 20.4 x 12.8 inches (518 x 324 mm) |
| Viewing Area (Diagonal) | 24 inches (611 mm) |
| Pixel Pitch | 0.270 mm |
| Resolution (H x V) | 1920 x 1200 (WUXGA), 16:10 Aspect Ratio |
| Luminance (No Touch) | 300 cd/m ² (Typical), 250 cd/m ² (BT.709) |
| Color Calibration | NDS Color Correction Technology (CCT) |
| Contrast Ratio | 1000:1 (Typical) |
| Color Gamut | BT.709 or SMPTE C |
| Viewing Angle | 178° (Horizontal & Vertical) |
| Response Time | 14 ms (Typical) |

GENERAL

| | |
|--------------------------|---|
| Input Power Requirements | 24 Volts DC (22.5 Volts minimum) |
| Power Consumption | 50 Watts (Typical) |
| Dimensions (W x H x D) | 23.5 x 15.8 x 4 inches (597 x 401 x 100 mm) |
| Weight | 15.7 lbs (7.1Kg) |
| 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

90R0063 - 24" G2 w/o Fiber, **90R0064** - 24" G2 w/ Single Fiber
90R0065 - 24" G2 w/o Fiber w/ Touch, **90R0066** - 24" G2 w/ Single Fiber w/ Touch

SUPPLIED / OPTIONAL ACCESSORIES

Supplied: Power Supply, AC Cord, Video Cables - S-Video, BNC, VGA, DVI, Product Documentation CD, Printed User Manual
 Models With Touch Screen Also Include a Serial Cable & Touch Drivers CD
Optional: Display Stand (26B0078), Rear I/O Cover (90Z0115), 30 ft. Power Extension Cable kit (90I0017)

COMPLIANCE & CERTIFICATIONS ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, FCC Part 15, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, 2007/47/EC, RoHS, WEEE, Class I Medical Device, CCC, IP 32

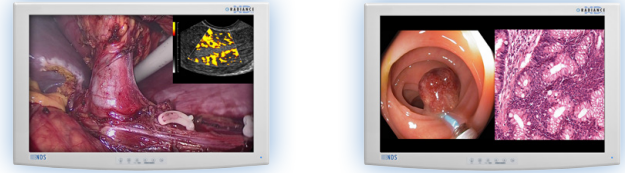
USER CONTROLS - ON-SCREEN MENU

Quick Input Select, Primary / Secondary Input Select, MMI Window Size / Swap, CCT Setting, Brightness, Contrast, Hue, Saturation, Gamma, 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, 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 | 3G-SDI, DVI / Fiber | -- | 56.2 |
| 1080/60p | 3G-SDI, DVI / Fiber | -- | 67.3 |

LED BACKLIGHT, COLOR CALIBRATED SURGICAL DISPLAY



INPUTS

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|--|---|
| DVI (1) | DVI-D |
| Single Fiber | LC x 1 (Optional) |
| 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 |

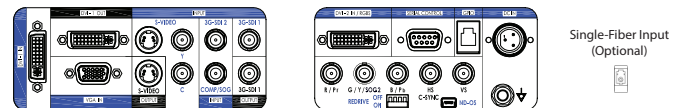
CONTROL INPUTS

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

TOUCH SCREEN (OPTIONAL)

| | |
|-------------------------|------------------------|
| Touch Screen Type | 5-Wire, Resistive Type |
| Communication Interface | Serial, D-sub 9-pin |

INPUT / OUTPUT CONNECTOR PANEL



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. | • | • | • | • | • | • | N/A | • | • | • |
| SOG 1 | • | • | • | • | • | • | • | • | • | N/A |
| VGA | • | • | • | • | • | • | • | • | N/A | • |