**SUPPORTED DEVICES/APPLICATIONS**

<table>
<thead>
<tr>
<th>SOURCE</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI, HD-SDI</td>
<td>HD Endoscopy, PACS, Vital Signs, Room Camera</td>
</tr>
<tr>
<td>HD-RGBS, RGBS,</td>
<td>HD Endoscopy</td>
</tr>
<tr>
<td>HD-YP, P,</td>
<td>SD Endoscopy</td>
</tr>
<tr>
<td>RGBS, YP, P, SDI</td>
<td>SD Endoscopy</td>
</tr>
<tr>
<td>S-Video, Composite</td>
<td>Fluoroscopy, SD Endoscopy, Ultrasound</td>
</tr>
<tr>
<td>VGA</td>
<td>PACS, Endoscopy, Ultrasound, Angiography</td>
</tr>
</tbody>
</table>

**IMAGE PERFORMANCE**

- **LC Panel**: Active Matrix TFT with IPS, LED Backlight
- **Refresh Rate**: 240Hz
- **Picture Size (H x W)**: 20.60 x 36.62 inches (523.26 x 930.24 mm)
- **Viewing Area (Diagonal)**: 42.02 inches (1067.31 mm)
- **Pixel Pitch**: 0.4845 mm
- **Luminance**: 450 cd/m²
- **Contrast Ratio**: 1400:1
- **Aspect Ratio**: 16:9
- **Number of Colors**: 1.06 Billion
- **Color Gamut**: 100% (SMPTE 296M, HD Standard)
- **Viewing Angle**: 178°
- **Response Time**: 5-8 ms
- **Gamma**: 1.8, 2.0, 2.2, 2.4, 2.6, VIDEO, PACS (DICOM)

**GENERAL**

- **Input Power Requirements**: 100 to 240 VAC ± 10%, 50/60 Hz
- **Power Consumption**: 140W (typical)
- **Dimensions (W x H x D)**: 39.7 x 23.6 x 3.5 inches (1008.3 x 599.4 x 88.9 mm)
- **Weight**: 51 lbs (23.13 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: 10 – 90% RH
- **Mounting**: 100 x 100 mm, 300 x 100 mm – VESA

**VIDEO INPUT FORMATS**

<table>
<thead>
<tr>
<th>Format</th>
<th>Input (Digital)</th>
<th>Input (Analog)</th>
<th>Horizontal Frequency (kHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>576/1080 (PAL)</td>
<td>SOI</td>
<td>Comp, S-Video, RGBS, YP, P</td>
<td>15.625</td>
</tr>
<tr>
<td>480/65i (NTSC)</td>
<td>SOI</td>
<td>Comp, S-Video, RGBS, YP, P</td>
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<tr>
<td>576/150p</td>
<td>DVI</td>
<td>RGBS, YP, P</td>
<td>31.250</td>
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<tr>
<td>480/60p</td>
<td>DVI</td>
<td>RGBS, YP, P</td>
<td>31.469</td>
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<tr>
<td>720/50i</td>
<td>HD-SDI, DVI</td>
<td>HD-RGBS, HD-YP, P</td>
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<tr>
<td>720/60p</td>
<td>HD-SDI, DVI</td>
<td>HD-RGBS, HD-YP, P</td>
<td>45.000</td>
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<td>HD-SDI, DVI</td>
<td>HD-RGBS, HD-YP, P</td>
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<tr>
<td>1080/50p</td>
<td>HD-SDI, DVI</td>
<td>HD-RGBS, HD-YP, P</td>
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<tr>
<td>1080/60p</td>
<td>DVI</td>
<td>-</td>
<td>56.2</td>
</tr>
<tr>
<td>1080/60p</td>
<td>DVI</td>
<td>-</td>
<td>67.3</td>
</tr>
</tbody>
</table>

**INPUTS / OUTPUTS**

- **CONNECTIVITY**
  - DVI-D
  - BNC, 75 Ω
  - DVI-I or HD-15, 0.7 Vp-p ± 6db, 75 Ω
  - HD-RGBS, RGBS
  - HD-SDI
  - BNC, 75 Ω
  - HD-YP, P, YPbPr
  - DVI-I or HD-15, 0.7 Vp-p ± 6db, 75 Ω
  - VGA
  - HD-15, 0.7 Vp-p ± 6db, 75 Ω
  - S-Video
  - DIN-4, 0.7 Vp-p ±6/-3db, 75 Ω
  - Composite
  - BNC, 0.7 Vp-p +6/-3db, 75 Ω

- **OUTPUTS**
  - DC Output
  - +5 VDC used for driving video fiber receiver

**USER CONTROLS - ON-SCREEN MENU**

- Input Selection, Brightness, Contrast, Hue, Saturation, Gamma, Sharpness, RGB Gain, Backlight Level, Horizontal & Vertical Position, Phase, Frequency, DPMS, Auto-Source Select, Scaling, Overscan, Programmable User / Modality Settings Profiles

**SUPPLIED / OPTIONAL ACCESSORIES**


**COMPLIANCE & CERTIFICATIONS**

- UL 60601-1, EN 60601-1, EN 60601-1-2, FCC Part 15, MDD 93/42/EEC, CE, 2007/47/EC, CAN/CSA C22.2 NO. 601.1, Class 1 Medical Device, RoHS, WEEE

**INPUT / OUTPUT CONNECTOR PANEL**

- **Serial Remote**: D-sub 9pin, RS-232C

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**NDSS Surgical Imaging**

5750 Hellyer Avenue, San Jose, CA 95138 (USA)
Tel: 408 776 0085, Toll Free: 866 637 5237
Email: info@ndssi.com

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