27HJ713S-W  FDA Class II 8MP Surgical Monitor

A DISPLAY OPTIMIZED FOR OPERATING ROOM
The superior detailed picture quality of the LG surgical monitor meets operating room requirements. With its 27-inch IPS 8MP display, the LG surgical monitor improves work efficiency not only by enabling detailed observation but also by displaying multiple imaging applications.

FEATURES

IPS & 115% OF SRGB ENHANCING DEEP RED
• The 8MP IPS monitor not only enables detailed observation of previously hard-to-see regions but also displays multiple imaging applications. In particular, the LG surgical monitor provides brightness and sRGB of 115% to ensure accurate color reproduction in the surgery room. Moreover, by adding a deep red color spectrum, the LG surgical monitor assures color expression of the red spectrum.

DICOM PART 14 & BRIGHTNESS STABILIZATION
• DICOM Part 14, published by the National Electrical Manufacturers Association (NEMA) and the American College of Radiology (ACR), provides strict guidelines for performing grayscale display function calibration and quality assurance tests on displays used in medical imaging applications.

DYNAMIC SYNC MODE*
• Since during an operation, a display takes a lot of heavy information from many other devices those tracking the real-time condition of the patient, therefore visual distracting caused.

ANTI-REFLECTION & OPTICAL BONDING GLASS
• Optically bonded glass significantly reduces internal reflection between the cover glass and the LCD to enhance accuracy. Improved anti-reflection ability enables displays to look brighter and sharper for the highest image quality.

DUSTPROOF & WATERPROOF
• The LG’s multi-coated glass is highly durable and scratch-resistant and protects the panel during a surgical procedure.

SPECIFICATIONS

Designed Specifically for the Operating Room
UL Medical Grade Listed
DICOM part 14
Native Display Resolution 3840 x 2160
Contrast Ratio 1000:1
14ms(Typ.) Response Time
Six Axis Control
Brightness Stabilization
VESA™ Compliant Wall Mountable
3-Year Limited Warranty Parts/Labor/Backlight
**27HJ713S-W**

**FDA Class II 8MP Surgical Monitor**

- **Model:** 27HJ713S-W
- **Display Size:** 27" Class (27.0" Diagonal)
- **Panel Type:** IPS
- **Color Gamut (CIE1931):** 95% + Deep Red
- **Color Depth (Number of Colors):** 10bit color (1.07B)
- **Aspect Ratio:** 16:9
- **Resolution:** 3840 x 2160
- **Brightness (Typ):** 800 cd/m²
- **Contrast Ratio (Original):** 1000:1
- **Response Time (Typ):** 14ms (Typ)
- **Viewing Angle (CR10):** 56° / 56° (High)
- **Response Time (GTG):** 1.8 ms / 1.8 ms
- **Response Time (DFC):** 1.2 ms / 1.2 ms
- **Contrast Ratio (Original):** ≥ 1000:1
- **Color Temperature:** 5600K / 6500K / 7500K
- **H-Frequency (DVI-D):** 30~135kHz
- **V-Frequency (DVI-D):** 56~61Hz
- **H-Frequency (Display Port):** 30~135kHz
- **V-Frequency (Display Port):** 56~61Hz
- **DC Off (Max):** 0.3W
- **Power (Typ):** 100-240Vac, 50/60Hz
- **Input: DC 19V, 6.32A (120W) Adapter Yes**
- **DisplayPort Yes (THU Mode)**
- **Plug & Play Yes**
- **HDCP Yes**
- **H/W Calibration Yes**
- **DICOM Mode Yes (Delta E < 2, Gamma 1.8 ~ 2.6) / Yes (Calibration 1-2 Mode)**
- **Response Time Control Yes**
- **User Preset Yes**
- **Color Calibrated Yes**
- **Motorized Switch Yes**
- **Thai Color Pro Yes**
- **Flicker safe Yes**

**Control Key**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>27HJ713S-W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key Number (Power Key Included)</td>
<td>10</td>
</tr>
<tr>
<td>Key Type</td>
<td>Dome Tact</td>
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<tr>
<td>LED Color (On mode)</td>
<td>White</td>
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<tr>
<td>Key LED Color</td>
<td>White (5/10/20sec, Always)</td>
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<tr>
<td>Key Location</td>
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</tr>
<tr>
<td>Color</td>
<td>White (Deco, Door, etc)</td>
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<td>Color Calibration Report Yes</td>
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<tr>
<td>Monitor (without Stand)</td>
<td>7.19 lbs</td>
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<tr>
<td>Monitor (with Optical Bonding Glass)</td>
<td>8.9 lbs</td>
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<tr>
<td>Monitor (with Stand)</td>
<td>14.5 lbs</td>
</tr>
</tbody>
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**Dimensions**

- **Size:** 27" Class (27.0" Diagonal)
- **Dimensions:** 29.3" x 19.5" x 6" (100mm x 200mm x 150mm)
- **Weight (without Stand):** 24.5 lbs
- **Weight (with Stand):** 29.3 lbs

**Accessories**

- **Power Cord Yes**
- **VESA® Wall Mount Yes**
- **HDMI Yes**
- **DisplayPort Yes**
- **Factory Calibration Report Yes**
- **CD-ROM Yes - User Manual / True Color Pro**
- **Others Yes**

**Warranty**

3-Year Limited Warranty (Parts/Labor/Backlight)

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