27HJ712C-W 8MP Clinical monitor

A DISPLAY COMPLIANT WITH DICOM PART 14 FOR CLINICAL REVIEW APPLICATIONS
Easily multi-task while clinical reviewing from different clinical review applications such as department of radiology and exchanges and study information!

FEATURES

8MP IPS DISPLAY & 350 NITS WITH sRGB OVER 99%
• The 27-inch 8MP display with IPS technology offers an outstanding picture quality along with perfect wide viewing angles.

DICOM PART 14
• To ensure the most accurate and consistent shading possible for medical images, LG measures and sets every grayscale tone on the production line to produce a monitor compliant with DICOM Part 14.

DYNAMIC SYNC MODE*
• The LG clinical monitor minimizes input lag with Dynamic Sync so you can catch every single moment in real-time.
*Dynamic Sync Mode is only available to 60Hz input source.

BRIGHTNESS STABILIZATION
• A sensor measured the backlight brightness stability and automatically compensates for brightness.

EYE-COMFORT
• Flicker-Safe and Reader Mode help protect eyes from fatigue by virtually eliminating flickering and reducing blue light.

SPECIFICATIONS

Designed Specifically for the Healthcare Professionals
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
Flicker Safe
Reader Mode
VESA™ Compliant Wall Mountable
3-Year Limited Warranty Parts/Labor/Backlight
## 27HJ712C-W
### 8MP Clinical monitor

### DIMENSIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>27HJ712C-W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>27&quot; class (27.0&quot; diagonal)</td>
</tr>
<tr>
<td>Panel Type</td>
<td>IPS</td>
</tr>
<tr>
<td>Color Gamut (CEI1931)</td>
<td>sRGB 99%</td>
</tr>
<tr>
<td>Color Depth (Number of Colors)</td>
<td>10bit color (1.0:1)</td>
</tr>
<tr>
<td>Pixel pitch (mm)</td>
<td>0.1554mm x 0.1554mm</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Resolution</td>
<td>3840 x 2160</td>
</tr>
<tr>
<td>Brightness (Typ.)</td>
<td>350 cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio(Original)</td>
<td>1000:1 (DFC)</td>
</tr>
<tr>
<td>Response Time Typ. (on/off)</td>
<td>14ms (Typ.)</td>
</tr>
<tr>
<td>View Angle (CR&gt;10)</td>
<td>178 / 178</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Anti-Glare 3H</td>
</tr>
</tbody>
</table>

### JACK PACK

**SIGNAL INPUT**
- HDMI: x2 (2.0)
- DisplayPort: x1 (1.2)
- USB: USB3.0 1up 2down

**AUDIO OUTPUT**
- Headphone Out: Yes
- Line-out: Rear

**POWER**
- Type: Adapter
- Input: 100-240Vac, 50/60Hz
- Output: 19V, 3.42A (65W)
- Normal On (Max): 65W
- Sleep Mode (Max): 0.5W
- DC Off (Max): 0.3W

### FREQUENCY
- H-Frequency (HDMI): 30-183kHz
- V-Frequency (HDMI): 56-61Hz
- H-Frequency (Display Port): 30-83kHz
- V-Frequency (Display Port): 56-61Hz

### RESOLUTION
- Digital (HDMI): 3840x2160
- Display Port: 3840x2160
- HDMI: 3840x2160
- Display Port: 3840x2160

### CONTROL KEY
- Key Number: 5
- Key Type: joystick
- LED Color (On mode): White
- LED Color (Power save mode): White Blinking
- [Key Location]: Bottom

### USM
- Country: Worldwide
- Number of Language: 17

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www.LG.com/us/commercial/display-support
Contact your LG Regional Sales Representative:
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E-mail: info@LGsolutions.com

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