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 & sRGB OVER 99% + DEEP RED
• The 27-inch 8MP display with IPS technology offers an outstanding picture quality along with perfect wide viewing angles.

DICOM PART 14 & BRIGHTNESS STABILIZATION
• 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 surgical 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.

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
• IP35 rated (front) & IP32 rated (back) panels, gives protection against dust and water that may contact it during an operation.

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

Images on screen are simulated
27HJ710S-W
8MP Surgical Monitor

DIMENSIONS

JACK PACK

CONTROL KEY

MODEL | 27HJ710S-W
---|---
Key Number (Power Key Included) | 10
Key Type | Dome tact
LED Color(On mode) | Green
LED Color(Power save mode) | White (5/10/20sec, Always)

SPECIAL FEATURE

Picture Mode | Yes
ORIGINAL RATIO | Yes
PIP | Yes
PPR | Yes
Six Axis Control | Yes
Smart Energy Saving | Yes (Conserving energy by using luminance compensation algorithm)
Super Resolution+ | Yes
Gamma | Gamma 1.8, Gamma 2.0, Gamma 2.2, Gamma 2.4, Gamma 2.6, DICOM Gamma curve
Color Temperature | 6500K / 8500K / 9300K (Manual 5000K ~ 10000K)
DICOM Mode | Yes (K6 <= 10%)
Factory Calibration | Yes (Delta E <2, Gamma 1.8 ~ 2.6 / DICOM curve)
H/W Calibration | Yes (Calibration 1-2 Mode)
Dynamic Sync Mode (Thru Mode) | Yes
Flicker free | Yes
Brightness Stabilization | Yes
Uniformity Compensation | Yes
RS232 | Yes
DVI (I) | Yes
HDCP | Yes
Key Lock | Yes
Plug & Play | Yes
Response Time Control | Yes
DPM | Yes
Mechanical Switch | Yes
User Preset | Yes
Color Calibrated | Yes
Color Temperature (Thru Mode) | 6500K / 8500K / 9300K, Manual (5000K ~ 10000K)
True Color Pro | Yes

CABINET

Monitor (without Stand) | 25.8” x 2.3” x 16.2”
Box | 29.3” x 19.5” x 6”
VESA Wall Mount | 200 x 100 / 100 x 100
Weights (without Stand) | 17 lbs
Weight (Box) | 23.2 lbs

STANDARD

DisplayPort | Yes
IEC | EC60601-1 / IEC60601-1-2
FCC | FCC part 15 Class A
CB / UL / US / CE / IK / RhS / BEAC / WEEE / RoHS | UL / ANSI / AAMI UL60601-1
CISPR | Yes
EN | EN60601-1-1 / EN60601-1-2
CE MDD | CE (MDD) Class I
Others | IP35(front)/IP25(back), DICOM part 14

ACCESSORY

Power Cord | Yes
HDMI | Yes
DisplayPort (1.2) | Yes
Manual | Yes
Factory Calibration Report | Yes
CD-ROM | Yes
Others | (User Manual / True Color Pro)

OTHERS

UPC | 719192 60919 8
Warranty | 3-Year Limited Warranty (Parts/Labor/Backlight)

All screen images are simulated. Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

Contact your LG Regional Sales Representative: Sales Contact: 800.897.8725 E-mail: info@LGsolutions.com

SPEC_27HJ710S_111607_PR

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