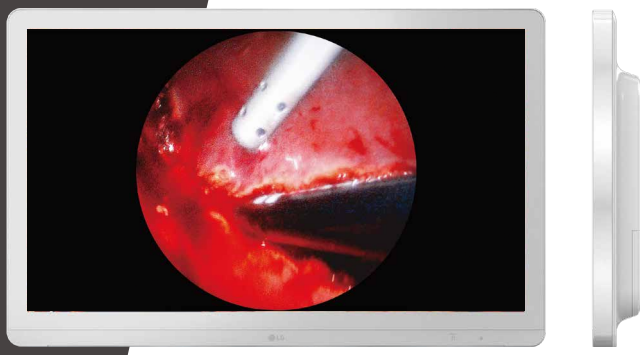
LG Business Solutions



27-inch Full HD IPS Surgical Monitor

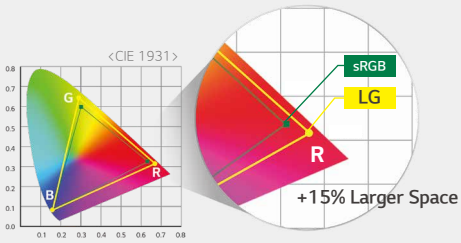
| 27HK510S |

Optimal Image Quality for Fine Surgery

Full HD* IPS Display with sRGB 115%

The Full HD IPS display with sRGB 115% is designed to fit with other Full HD surgical devices. It enables surgeons to view accurate, realistic images by maximizing compatibility and clearer, brighter color reproduction, especially in the red color spectrum.

*Full HD : 1920x1080



DICOM* Part 14 I Brightness Stabilization

The LG Surgical Monitor carefully measures and sets every grayscale tone as well to create a monitor compliant with DICOM Part 14 and ensure the most accurate outcome. In addition, sensors measure backlight brightness and automatically compensate for fluctuations in brightness caused by ambient temperature and aging for a consistently stable display.

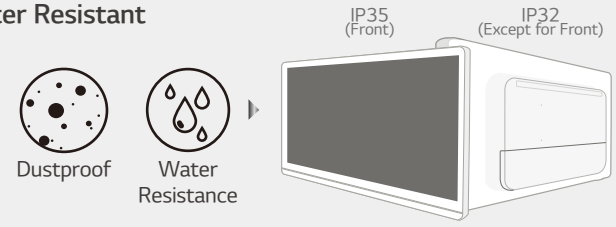
*DICOM: Digital Imaging and Communications in Medicine.



Designed for Use in the Operating Room

IP35 (Front) & IP32 (Except for Front) : Dustproof & Water Resistant

To ensure protection against contact with substances such as blood or bodily fluids, LG Surgical Monitors are cleanable and durable, with ratings of IP35 on the front and IP32 on the rest, securing them from any direction.



Anti-reflection I Anti-fingerprint

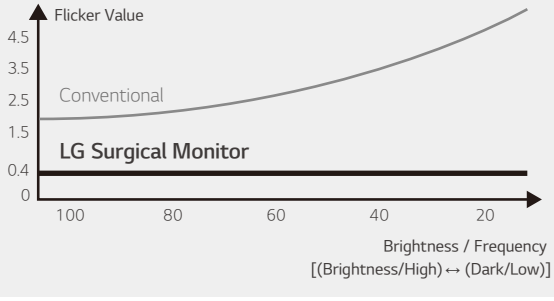
The LG Surgical Display with anti-reflection screen reduces glare so your surgical display is easier to see in challenging and changing indoor lighting conditions. Also, its anti-fingerprint screen provides resistance to the appearance and attachment of fingerprints and smudges.

Long-lasting Eye Comfort

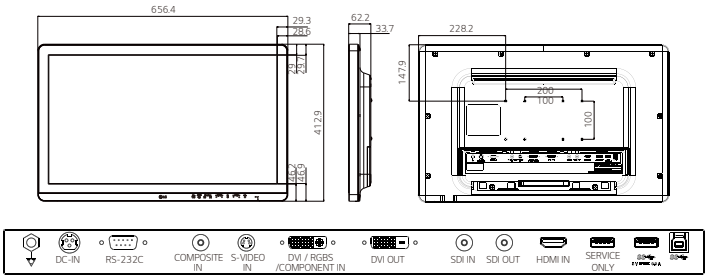
Flicker Safe

Flicker Safe reduces the onscreen flicker level to almost zero, which helps minimize eye strain and eye fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

*This result based on internal LGE lab tests.



Specification

Model		27HK510S
		
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	27-inch (16:9)
	Resolution	Full HD (1920 x 1080)
	Surface Treatment	Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)
	Color Gamut (Typ.)	sRGB 115% (Area), sRGB over 99% (Coverage)
	Viewing Angle (CR≥10)	178°(Right/Left), 178°(Up/Down)
	Brightness (Typ.)	1000cd/m²
	Contrast Ratio (Typ.)	1000:1
	Response Time (GTG[1])	14ms (Off-setting), 5ms (Faster-setting)
Feature	DICOM Compliant	Yes
	HW Calibration	Yes (True Color Pro)
Video Signals	Input Terminals	HDMI x1, S-Video x1, Composite x1, 3G-SDI x1, DVI-I x1, D-Sub x1(DSUB to DVI-I Gender Cable), Component x1(DSUB to DVI-I Gender Cable)
	Out Terminals	3G-SDI x1, DVI-D x1
Connectivity	USB	1 upstream, 1 downstream
Power	AC Input	100-240Vac, 50/60Hz
	Power Consumption (Max.)	120W
	Power Consumption (DC Off)	Less than 0.3W
Resistance Rating		IP35 (Front), IP32 (Except for Front), IK06
Certifications & Standards		IEC(IEC 60601-1 / IEC 60601-1-2), EN(EN 60601-1 / EN 60601-1-2) IEC(IEC 60950-1 / IEC 55032, 55024), EN (EN 60950-1 / EN 55032, 55024) cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 NO. 60601-1) FCC (FCC part 15 Class A), FDA (Registration (Class I)), RoHS, REACH, WEEE
User Convenience	PBP / PIP	Yes (2 PBP) / PIP
	Failover Input Switch[2]	Yes
Physical Specifications	Weight (without stand)	7.7 kg (17 lb)

1) GTG : Gray to gray response time
2) Failover Input Switch will be available from May 22, 2020.

*The monitor stand is not included with the surgical monitor.

LG Electronics Inc.
http://www.lge.com/global/business

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