

27-inch 4K Surgical Monitor with Mini-LED



| 27HQ710S |

- ▶ 27-inch 4K (3840x2160) with Mini-LED
- ▶ HDR 10, HDR Effect
- ▶ SRGB 139% (Area)
- ▶ Mirror Mode, Rotation Mode
- ▶ Up to 4PBP, PIP
- ▶ Protection Glass (1.3t, Anti-reflection, Anti-fingerprint)
- ▶ 3G-SDI Support

*All images are shown for illustrative purposes only, and may vary from the actual product/usage.

Specification

LG Surgical Monitors

Resolution		4K (3840x2160)	4K (3840x2160)	Full HD (1920x1080)
Inch (Aspect Ratio)		31.5-inch (16:9)	27-inch (16:9)	27-inch (16:9)
Model		32HL714S, 32HL710S	27HQ710S	27HK510S
Model				
Panel	Panel Type	IPS	VA	IPS
	Color Gamut (Typ.)	sRGB 115% (Area), sRGB over 99% (Coverage)	DCI-P3 110.9% (Area), DCI-P3 98% (Coverage)	sRGB 115% (Area), sRGB over 99% (Coverage)
	Viewing Angles (CR≥10)	178° (Right/Left), 178° (Up/Down)	178° (Right/Left), 178° (Up/Down)	178° (Right/Left), 178° (Up/Down)
	Brightness (Typ.)	800 cd/m ²	800 cd/m ²	1000 cd/m ²
	Surface Treatment	Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)	Protection Glass (1.3t, Anti-reflection, Anti-fingerprint)	Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)
	Contrast Ratio (Typ.)	1000:1	1000:1	1000:1
	Response Time (GtG ¹⁾)	14ms (Off- setting), 5ms (Faster- setting)	5ms (Faster- setting)	14ms (Off- setting), 5ms (Faster- setting)
Feature	DICOM Compliant	Yes	Yes	Yes
	HW Calibration	Yes (LG Calibration Studio)	Yes (LG Calibration Studio)	Yes (LG Calibration Studio)
	HDR	HDR 10, HDR Effect	HDR 10, HDR Effect	No
Video Signals	Input Terminals	32HL714S : HDMI x1, DisplayPort x1, DVI x1, 3G/12G-SDI x4, SFP x1 32HL710S : HDMI x1, DisplayPort x1, DVI x1, 3G-SDI x1	HDMI x1, DisplayPort x1, 3G-SDI x1, DVI-D x1	HDMI x1, 3G-SDI x1, DVI-D x1, D-sub x1
	Output Terminals	32HL714S : DisplayPort x1, DVI x1, 3G/12G-SDI x4, 32HL710S : DisplayPort x1, DVI x1, 3G-SDI x1	DisplayPort x1, 3G-SDI x1, DVI-D x1	3G-SDI x1, DVI-D x1
Connectivity	USB	1 upstream, 1 downstream	1 upstream, 1 downstream	1 upstream, 1 downstream
Power	AC Input	100-240Vac, 50/60Hz	100-240Vac, 50/60Hz	100-240Vac, 50/60Hz
	Power Consumption (Max.)	32HL714S : 180W 32HL710S : 120W	120W	120W
	Power Consumption (DC Off)	Less than 0.3W	Less than 0.3W	Less than 0.3W
Resistance Rating ²⁾		IP35 ³⁾ (Front), IP32 ⁴⁾ (Except for Front), IK06 ⁵⁾	IP45 ⁶⁾ (Front), IP32 (Except for Front), IK06	IP35 (Front), IP32 (Except for Front), IK06
User Convenience	PBP / PIP	Yes (2/3/4PBP) / Yes	Yes (2/3/4PBP) / Yes	Yes (2PBP) / Yes
	Screen Filp	Mirror Mode & Rotation Mode	Mirror Mode & Rotation Mode	No
	Failover Input Switch	Yes	Yes	Yes
Physical Specifications	Weight	32HL714S : 13.5 kg (29.8 lb) 32HL710S : 12.4 kg (27.3 lb)	8 kg (18 lb)	7.7 kg (17 lb)

1) GtG : Gray-to-gray response times.

2) Tested under controlled laboratory conditions with an IP/ IK rating. Dry before using. Do not charge while wet.

3) IP 35 : Protected from tools and wires greater than 2.5 millimeters./ Protected from high pressure water jets from any direction.

4) IP 32 : Protected from tools and wires greater than 2.5 millimeters./ Protected from water spray less than 15 degrees from vertical.

5) IK 06 : Equivalent to impact of 0.25 kg mass dropped from 400 mm above impacted surface.

6) IP 45 : Protected from tools and small wires greater than 1 millimeter./ Protected from high pressure water jets from any direction.

*Specifications may vary by region. All features, standards, and other product specifications are subject to change without notice.



LG Electronics Inc.

<http://www.lge.com/global/business/virtual-showroom/medical-display>

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