



31.5-inch 4K UHD IPS Surgical Monitor

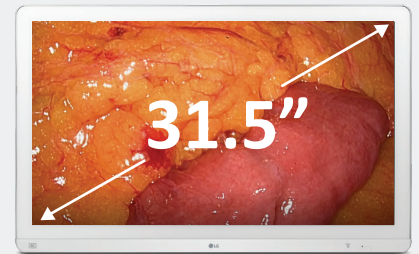
| 32HL714S |

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Excellent Picture Quality for Surgical Procedure

31.5-inch 4K UHD (3840 x 2160) IPS Color Display | 178° Wide Viewing Angle

The LG 32HL714S surgical display monitor is well-equipped with a 31.5" IPS color display and 4K UHD (3840 x 2160) resolution to produce vibrant and vivid colors to help surgeons see complex images during the surgical procedure. Plus, this surgical display monitor features a 178° wide viewing angle for surgeons to view the screen from virtually any angle.



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HDR10 Support

The LG 32HL714S 4K UHD surgical display monitor supports advanced High Dynamic Range (HDR10) video content, displaying impressive color depth during the surgical procedure.

*12G-SDI Support

The LG 32HL714S is built on the IPS display with an added hardware component of a 12G-SDI input module, in-supporting long distance* transmission of 4K signals over a single coaxial cable with low latency.

**12G-SDI input transmission distance: max. 70m*

Simple Connection to Multi-Input Sources

Up to *4PBP (Picture-by-Picture) | PIP (Picture-in-Picture) Connection Mode

Surgeons can view multiple surgical procedure images simultaneously on one monitor, either side by side using PBP (Picture-by-Picture) or one above the other using the PIP (Picture-in-Picture) mode. This distinctive feature included in the LG 32HL714S surgical display monitor can be helpful in various instances, such as when there is a need to display a patient's vital signs with their surgical images. Moreover, the LG 32HL714S surgical display monitor comes with DisplayPort, DVI, and HDMI input/output sources featuring the *4PBP/PIP functions and the 12G-SDI for 4K video signal transmission.



"4PBP refers to the ability to view up to four pictures on the monitor in side by side mode, as simulated above with the following images, which are for illustrative purposes only."

Optimized for Surgical Suites

Mirror & Rotation Mode

The LG 32HL714S surgical display monitor provides Mirror & Rotation features that help optimize the operating view in the surgical suites. Surgeons can select the 180° rotated images or the mirror image of the surgical procedure.

Failover Input Switch

When the primary image source is missing, the display will automatically switch to a failover (backup) source and restore the main source once the signal is back. Users can set the main input and failover input in the setting menu of the monitor.



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SPECIFICATIONS



Model		32HL714S
Panel	Panel Type	IPS
	Inch (Aspect Ratio)	31.5-inch (16:9)
	Resolution	4K UHD (3840 x 2160)
	Surface Treatment	Protection Glass (1.6t, Anti-reflection, Anti-fingerprint)
	Color Gamut (Typ.)	sRGB 115% (Area), sRGB over 99% (Coverage)
	Viewing Angles (CR≥10)	178° (Right/Left), 178° (Up/Down)
	Brightness (Typ.)	800cd/m ²
	Contrast Ratio (Typ.)	1300:1
	Response Time (GTG*)	14ms (Off- setting), 5ms (Faster- setting)
Feature	DICOM Compliant	Yes
	HW Calibration	Yes (True Color Pro)
	HDR	HDR10
Video Signals	Input Terminals	HDMI x1, DisplayPort x1, DVI x1, 12G-SDI x1
	Output Terminals	DisplayPort x1, DVI x1, 12G-SDI x1
Connectivity	USB	1 upstream, 1 downstream
Power	Power Requirements	100-240Vac, 50-60Hz
	Power Consumption (Max.)	180W
	Power Consumption (DC Off)	Less than 0.3W
Resistance Rating		IP35 (Front), IP32 (Rear), 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) RoHS, REACH, WEEE
User Convenience	Screen Flip	Mirror Mode & Rotation Mode
	PBP / PIP	PBP (2/3/4PBP) / PIP
	Failover Input Switch	Yes
	User Preset Quick Setting	Save or load up to 10 picture quality settings in each preset
Physical Specifications	Weight (without stand)	13.5 kg (29.8 lb)

*GTG: Gray to gray response time

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