

55-inch 4K IPS Surgical Monitor

| 55MH5K |

Outstanding Picture Quality

55-inch 4K (3,840x2,160) IPS Display | 178° Wide Viewing Angle

Experience vivid images on LG's 55-inch 4K Display Surgical Monitor, equipped with an IPS panel that offers a wide 178° viewing angle.

12G-SDI Support

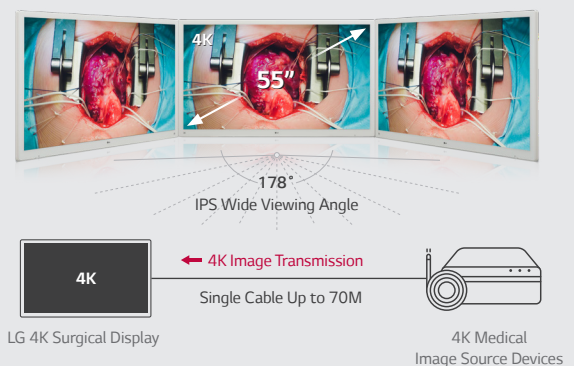
The 55MH5K supports 12G-SDI, which enables long-distance transmission of 4K signals over a single coaxial cable.

- * 12G-SDI input transmission distance : max. 70m
(When using BELDEN cable : max.50 / CANARE UHD 5.5 cable : max. 70m)
- * 12G-SDI is sold separately.

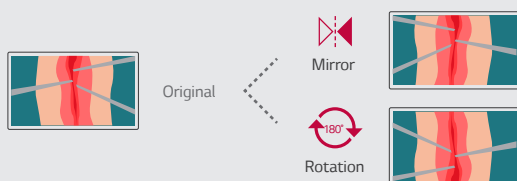
HDR 10

This 4K surgical monitor features HDR10, properly displaying HDR images clearly.

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

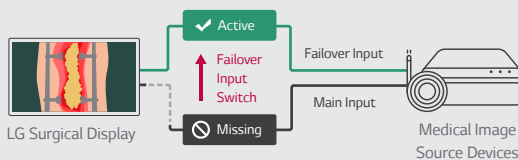


Designed for Surgical Environments



Mirror & Rotation Mode

Conveniently flip and rotate the monitor to adjust to your needs. Mirror & Rotation Modes allow you to select a convenient 180° rotated/mirror image.



Failover Input Switch

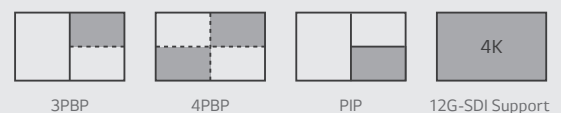
When the main source is missing, the display will automatically switch to a failover (backup) source and restore the main source once the signal is back. You can set the main input and failover input in the setting menu of monitor.

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

Multiple Signals on One Screen

Up to 4PBP (Picture by Picture) | PIP Multi-Modality Connectivity

55MH5K supports up to 4PBP, PIP and extended ports, allowing you to view multiple signals simultaneously on a single screen.



* All images are shown for illustrative purposes only and may vary from the actual product/usage.
* For information purposes only; not intended for clinical or diagnostic use.

Specification

Model		55MH5K	
Panel	Panel Type	IPS	
	Inch (Aspect Ratio)	55-inch (16:9)	
	Resolution	4K (3,840 × 2,160)	
	Surface Treatment	Protection Glass (3.1t, Anti-reflection, Anti-fingerprint)	
	Color Gamut (Typ.)	DCI-P3 86% (CIE 1976)	
	Viewing Angles (CR≥10)	178° (Right/Left), 178° (Up/Down)	
	Brightness (Typ.)	680 cd/m ²	
	Contrast Ratio (Typ.)	1,100 : 1	
	Response Time (GTG*)	9 ms (Off-setting), 5 ms (Faster-setting)	
Feature	DICOM Compliant	Yes	
	HW Calibration	Yes (LG Calibration Studio)	
	HDR	HDR 10	
Video Signals	Input Terminals	HDMI × 1, DisplayPort × 1, DVI × 1, 12G-SDI × 1	
	Output Terminals	DisplayPort × 1, DVI × 1, 12G-SDI × 1	
Connectivity	USB	1 Upstream, 1 Downstream	
Power	Power Requirements	100-240 Vac, 50-60 Hz	
	Power Consumption (Max.)	180 W	
	Power Consumption (DC Off)	Less than 0.3 W	
Resistance Rating		IP45 (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	Screen Flip	Mirror Mode & Rotation Mode	
	PBP / PIP	PBP (2/3/4PBP) / PIP	
	Failover Input Switch	Yes	
Physical Specifications	Weight (without stand)	34.8 kg (76.7 lb)	

* GTG : Gray to gray response time

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.