



LG 55UH5N-E Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Web OS 24/7

Brand : LG

Product code: 55UH5N-E.AEU

Product name : 55UH5N-E



- Resolution : 3,840 x 2,160 (UHD)
- Brightness (Typ.) : 500 nit
- Surface Treatement (Haze) : 28 %
- Bezel : 8.9 mm (T/R/L), 12.9 mm (B)
- Interface : HDMI(3) / DP / USB 2.0 / RS232C / RJ45 / Audio / IR
- webOS Smart Platform

55", 4K UHD (3840 x 2160), IPS, 500 nit, 8 ms, IP5X, SoC, Wi-Fi, PIP, PBP, Pro:Idiom, Beacon, Control Manager, SuperSign CMS, webOS 6.0

LG 55UH5N-E. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Web OS. Product colour: Black



Display		Performance	
Panel type	IPS	Purpose *	Universal
LED backlight	✓	Picture-in-Picture	✓
LED backlighting type	Edge-LED	On Screen Display (OSD)	✓
Display diagonal *	139.7 cm (55")	Operating hours (hours/days)	24/7
Display technology *	LCD	HDCP	✓
Display resolution *	3840 x 2160 pixels	Automatic brightness control	✓
Display brightness *	500 cd/m ²	International Protection (IP) code	IP5X
HD type *	4K Ultra HD	HDCP version	1.4/2.2/2.3
Touchscreen *	✗	Power	
Native aspect ratio	16:9	Power consumption (typical) *	110 W
Response time	8 ms	Power consumption (standby) *	0.5 W
Contrast ratio (typical)	1200:1	Power consumption (max)	160 W
Contrast ratio (dynamic)	1000000:1	Energy efficiency class (SDR)	G
Viewing angle, horizontal	178°	AC input voltage	100-240 V
Viewing angle, vertical	178°	AC input frequency	50-60 Hz
Display number of colours	1.07 billion colours	Computer system	
Panel life	50000 h	Computer system *	✓
Colour depth	10 bit	Computer system type	System on Chip (SoC)
Native refresh rate	60 Hz	Internal memory	16 GB
Haze rate	28%	Operating system installed	Web OS
Colour gamut	95%	Operating system version	6.0
Ports & interfaces		Weight & dimensions	
HDMI ports quantity *	4	Display width	1231.4 mm
HDMI input ports quantity	3	Display depth	29.7 mm
HDMI output ports quantity	1	Display height	707.2 mm
DVI port *	✗	Display weight	16.1 kg
DisplayPorts quantity *	1	Packaging data	
USB port *	✓	Package width	1360 mm
USB ports quantity	1	Package depth	161 mm
USB version	2.0	Package height	801 mm
USB connector type	USB Type-A	Package weight	20.5 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN (RJ-45) ports	1	Remote control included	✓
Wi-Fi *	✓		
RS-232C	✓		

Ports & interfaces		Packaging content	
Remote (IR) input	1	Batteries included	✓
Audio		Cables included	AC, Phone
Built-in speaker(s) *	✓	Operational conditions	
Design		Operating temperature (T-T)	0 - 40 °C
Product design *	Digital signage flat panel	Operating relative humidity (H-H)	10 - 80%
Placement supported *	Indoor	Technical details	
Orientation	Horizontal/Vertical	Real Time Clock (RTC)	✓
Product colour *	Black	Other features	
VESA mounting *	✓	Audio output	1
Panel mounting interface	300 x 300 mm	Power consumption (PowerSave)	77 W
Bezel width (bottom)	1.29 cm	Plug and Play	✓
Bezel width (side)	8.9 mm		
Bezel width (top)	8.9 mm		



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Publication date: 07-MAY-2024. Prints or copies of Information are only valid on the printed Publication date