



LG 55UM5N-H Digital signage flat panel 139.7 cm (55") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black WebOS 24/7

Brand : LG

Product code: 55UM5N-H.AEU

Product name : 55UM5N-H



- Resolution : 3,840 x 2,160 (UHD)
- Brightness (Typ.) : 500 nit
- Surface Treatment (Haze) : 28 %
- Bezel : 12.4 mm (T/B), 11.4 mm (R/L)
- 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 55UM5N-H. 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: WebOS. Product colour: Black



Display		Performance	
Panel type	IPS	Picture-in-Picture	✓
LED backlight	✓	On Screen Display (OSD)	✓
LED backlighting type	Direct-LED	Operating hours (hours/days)	24/7
Display diagonal *	139.7 cm (55")	HDCP	✓
Display technology *	LCD	Automatic brightness control	✓
Display resolution *	3840 x 2160 pixels	International Protection (IP) code	IP5X
Display brightness *	500 cd/m ²	HDCP version	1.4/2.2/2.3
HD type *	4K Ultra HD	Power	
Touchscreen *	✗	Power consumption (typical) *	130 W
Native aspect ratio	16:9	Power consumption (standby) *	0.5 W
Response time	8 ms	Power consumption (max)	180 W
Contrast ratio (typical)	1100:1	AC input voltage	100-240 V
Contrast ratio (dynamic)	1000000:1	AC input frequency	50-60 Hz
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Computer system *	✓
Display number of colours	1.07 billion colours	Computer system type	System on Chip (SoC)
Panel life	50000 h	Internal memory	16 GB
Colour depth	10 bit	Operating system installed	WebOS
Native refresh rate	60 Hz	Operating system version	6.0
Haze rate	28%	Weight & dimensions	
Colour gamut	95%	Display width	1237 mm
Ports & interfaces		Display depth	57.7 mm
HDMI ports quantity *	4	Display height	710 mm
HDMI input ports quantity	3	Display weight	14.2 kg
HDMI output ports quantity	1	Packaging data	
DVI port *	✗	Package width	1360 mm
DisplayPorts quantity *	1	Package depth	162 mm
USB port *	✓	Package height	810 mm
USB ports quantity	1	Package weight	18.9 kg
USB version	2.0	Packaging content	
USB connector type	USB Type-A	Remote control included	✓
Ethernet LAN (RJ-45) ports	1	Batteries included	✓
RS-232C	✓	Cables included	AC, Phone
Remote (IR) input	1		

Audio		Operational conditions	
Built-in speaker(s) *	✓	Operating temperature (T-T)	0 - 40 °C
Design		Operating relative humidity (H-H)	10 - 80%
Product design *	Digital signage flat panel	Network	
Placement supported *	Indoor	Ethernet LAN *	✓
Orientation	Horizontal/Vertical	Wi-Fi *	✓
Product colour *	Black	Technical details	
VESA mounting *	✓	Real Time Clock (RTC)	✓
Panel mounting interface	300 x 300 mm	Other features	
Bezel width (bottom)	1.24 cm	Audio output	1
Bezel width (side)	1.14 cm	Power consumption (PowerSave)	91 W
Bezel width (top)	1.24 cm	Plug and Play	✓
Performance			
Purpose *	Universal		



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