LG

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

Panel type	IPS
LED backlight	✔
LED backlighting type	Edge-LED
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
Touchscreen *	✘
Native aspect ratio	16:9
Response time	8 ms
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	1000000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	1.07 billion colours
Panel life	50000 h
Colour depth	10 bit
Native refresh rate	60 Hz
Haze rate	28%
Colour gamut	95%

Ports & interfaces

HDMI ports quantity *	4
HDMI input ports quantity	3
HDMI output ports quantity	1
DVI port *	✘
DisplayPorts quantity *	1
USB port *	✔
USB ports quantity	1
USB version	2.0
USB connector type	USB Type-A
Ethernet LAN *	✔
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✔
RS-232C	✔

Performance

Purpose *	Universal
Picture-in-Picture	✔
On Screen Display (OSD)	✔
Operating hours (hours/days)	24/7
HDCP	✔
Automatic brightness control	✔
International Protection (IP) code	IP5X
HDCP version	1.4/2.2/2.3

Power

Power consumption (typical) *	110 W
Power consumption (standby) *	0.5 W
Power consumption (max)	160 W
Energy efficiency class (SDR)	G
AC input voltage	100-240 V
AC input frequency	50-60 Hz

Computer system

Computer system *	✔
Computer system type	System on Chip (SoC)
Internal memory	16 GB
Operating system installed	Web OS
Operating system version	6.0

Weight & dimensions

Display width	1231.4 mm
Display depth	29.7 mm
Display height	707.2 mm
Display weight	16.1 kg

Packaging data

Package width	1360 mm
Package depth	161 mm
Package height	801 mm
Package weight	20.5 kg

Packaging content

Remote control included	✔

Ports & interfaces

Remote (IR) input	1

Audio

Built-in speaker(s) *	✔

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Orientation	Horizontal/Vertical
Product colour *	Black
VESA mounting *	✔
Panel mounting interface	300 x 300 mm
Bezel width (bottom)	1.29 cm
Bezel width (side)	8.9 mm
Bezel width (top)	8.9 mm

Packaging content

Batteries included	✔
Cables included	AC, Phone

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Technical details

Real Time Clock (RTC)	✔

Other features

Audio output	1
Power consumption (PowerSave)	77 W
Plug and Play	✔

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