LG 55UH7N-E Digital signage flat panel 139.7 cm (55") LED Wi-Fi 700 cd/m² 1.8K Black WebOS 24/7
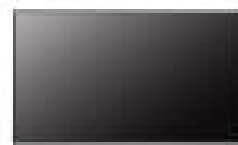
Brand : LG

Product name : 55UH7N-E

Product code: 55UH7N-E.AEK

- The carbon footprint of this product has been certified and achieved a reduction
- Bezel : 8.9 mm (T/R/L), 12.9 mm (B)
- Interface : HDMI(2) / DP / USB 2.0 / RS232C / RJ45 / Audio / IR
- webOS Smart Platform

55", IPS, 3840 x 2160 (UHD), 700nit (Typ.), 60Hz, HDMI, RS232C, IR, DP, RJ45, USB, Audio Out, 1231.4 x 707.2 x 29.7mm, 16.1 kg

LG 55UH7N-E. Product design: Digital signage flat panel. Display diagonal: 139.7 cm (55"), Display technology: LED, Display resolution: 3840 x 2160 pixels, Display brightness: 700 cd/m², HD type: 1.8K. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: WebOS. Product colour: Black

Display

Panel type	IPS
LED backlight	✓
LED backlighting type	Edge-LED
Display diagonal *	139.7 cm (55")
Display technology *	LED
Display resolution *	3840 x 2160 pixels
Display brightness *	700 cd/m²
HD type *	1.8K
Touchscreen *	✗
Native aspect ratio	16:9
Response time	8 ms
Contrast ratio (typical)	1100:1
Contrast ratio (dynamic)	1000000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours	1.07 billion colours
Colour saturation	95%
Panel life	50000 h
Native refresh rate	60 Hz

Ports & interfaces

HDMI ports quantity *	2
DVI port *	✗
DisplayPorts quantity *	2
DisplayPorts in	1
DisplayPorts out	1
USB port *	✓
USB ports quantity	2
USB version	2.0
USB connector type	USB Type-A, USB Type-C
Ethernet LAN *	✓
Ethernet LAN (RJ-45) ports	1
Wi-Fi *	✓
Audio (L/R) out	1
RS-232C	✓
Remote (IR) input	1

Performance

Purpose *	Universal
On Screen Display (OSD)	✓
On Screen Display (OSD) languages	Arabic, Simplified Chinese, Traditional Chinese, Czech, Danish, German, Dutch, English, Spanish, Finnish, French, Greek, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Swedish, Turkish
Operating hours (hours/days)	24/7
HDCP	✓
International Protection (IP) code	IP5X
HDCP version	1.4/2.2
Security algorithms	SNMP

Power

Power consumption (typical) *	110 W
Power consumption (off)	0.5 W
Power consumption (max)	160 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	101 kWh
AC input voltage	100-240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Computer system

Internal memory	16 GB
Operating system installed	WebOS
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
Base width	8.9 mm
Base depth	8.9 mm
Base height	1.29 cm

Audio

Built-in speaker(s) *	✔
RMS rated power	20 W

Design

Product design *	Digital signage flat panel
Placement supported *	Indoor
Product colour *	Black
Screen shape	Flat
VESA mounting *	✔
Panel mounting interface	300 x 300 mm
Bezel type	4 Bezel-less
Bezel width (bottom)	1.29 cm
Bezel width (side)	8.9 mm
Bezel width (top)	8.9 mm
Bezel colour	Black

Packaging data

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

Packaging content

Tilt angle	40°
Remote control included	✔
Cables included	Power, RS-232, USB Type-C
Tilt adjustment	✔

Operational conditions

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

Certificates

Certification	CB / NRTL, EMC FCC Class "B" / CE / KC, ePEAT(US only), ErP / Energy Star

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