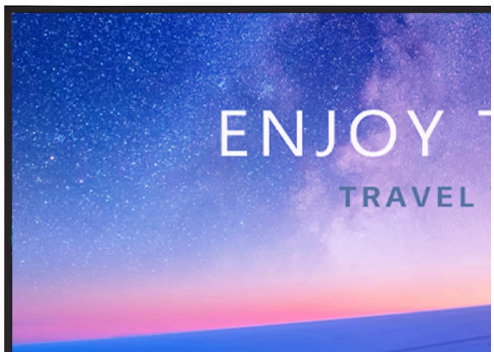
## UHD Signage Display

49UH7N-E

### Key Features

- Resolution : 3,840 x 2,160 (UHD)
- Brightness (Typ.) : 700 nit
- Surface Treatement (Haze) : 28 %
- 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




# All Spec

## PANEL

Screen Size (Inch)
49"

Panel Technology
IPS

Back Light Type
Edge

Aspect Ratio
16:9

Native Resolution
3840 x 2160 (UHD)

Refresh Rate
60Hz

Brightness
700nit (Typ.)

Contrast Ratio
1,100:1

Dynamic CR
1,000,000:1

Color Gamut
BT709 95%

Viewing Angle (H x V)
178 X 178

Color Depth (Number of Colors)
10bit(D), 1.07Billion colors

Response Time
8ms (G to G)

Surface Treatment (Haze)
0.28

Life time
50,000Hrs (Min.)

Operation Hours (Hours/Day)
24/7

Portait / Landscape
Yes / Yes

## CONNECTIVITY

HDMI In
Yes(2), 3840x2160@60Hz, HDCP 2.2/1.4

DP In
Yes(1), 3840x2160@60Hz, HDCP2.2/1.3

RS232C In
Yes(1), 4pin PhYesne-jack

RJ45(LAN) In
Yes(1)

IR In
Yes(1)

USB In

USB2.0 Type A(1), USB2.0 Type C ((1), withYesut PD funtiYesn)

DP Out
Yes(1), 3840x2160@60Hz, Input : HDMI1/2/DP/USB-C

Audio Out
Yes(1)

RS232C Out
Yes(1), 4pin PhYesne-jack

Daisy Chain
Yes(Input HDMI, DP, USB C / Yesutput DP)

## MECHANICAL SPECIFICATION

Bezel Color
Black

Bezel Width
T/R/L: 8.9mm, B: 12.9mm

Weight (Head)
13.6 kg

Packed Weight
16.1 kg

Monitor Dimensions (W x H x D)
1095.6 x 630.8 x 29.7mm (without IR)

VESA Standard Mount Interface
300 x 300

Carton Dimensions (W x H x D)
1215.0 x 736.0 x 152.0mm

## FEATURE - HARDWARE

Internal Memory (eMMC)
16GB

Wi-Fi/BT (Built-in)
Yes

Temperature Sensor
Yes

Auto Brightness Sensor
Yes(IR)

Acceleration(Gyro) Sensor
Yes

Local Key Operation
Yes

## FEATURE - SOFTWARE

OS Ver. (webOS)
webOS6.0

Local Contents Scheduling
Yes

Group Manager
Yes

USB Plug & Play
Yes

Fail over
Yes

Booting Logo Image
Yes

No Signal Image
Yes

RS232C Sync
Yes

Local Network Sync
Yes

PIP
Yes

PBP
Yes(4)

Screen Share
Yes

Video Tag
Yes(4)

Play via URL
Yes

Screen Rotation
Yes

External Input Rotation
Yes

Gapless Playback
Yes

Tile Mode Setting
Yes (Max. 15x15)

Setting Data Cloning
Yes

SNMP
Yes

ISM Method
Yes

Auto Set ID
Yes

Status Mailing
Yes

Control Manager
Yes

Cisco Certification
(TBD)

Crestron Connected
Yes

Smart Energy Saving
Yes

PM mode
Yes

Wake on LAN
Yes

Network Ready
Yes

Beacon
Yes

HDMI-CEC
Yes

SI Server Setting
Yes

webRTC
Yes

Pro:Idiom
Yes

The security update is supported for
5 years from the product launch date stated at https://lgsecurity.lge.com/bulletins/idproducts

## ENVIRONMENT CONDITIONS

Operation Temperature
0 °C to 40 °C

Operation Humidity
10 % to 80 %

## POWER

Power Supply
AC 100-240V~,  50/60Hz

Power Type
Built-In Power

## POWER CONSUMPTION

Typ.
90W

Max.
130W

BTU (British Thermal Unit)
0 BTU/Hr(Typ.), 0 BTU/Hr(Max)

DPM
0.5W

Power off
0.5W

Smart Enegy Saving(~70%)
63

## SOUND

Speaker (Built-in)
Yes (10W X 2)

## CERTIFICATION

Safety
CB / NRTL

EMC
FCC Class "B" / CE / KC

ERP / Energy Star

ePEAT(US only)

Yes(NewErP)/Yes

Yes

## SOFTWARE COMPATIBILITY

SuperSign CMS
Yes

SuperSign Control+
Yes / Yes

SuperSign WB
Yes

SuperSign Cloud
Yes

Mobile CMS
Yes

Connected Care
Yes

## LANGUAGE

OSD
English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Türkiye, Arabic

## ACCESSORY

Basic
Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, USB-C Cable, Cable Holder(2EA), AC Cord Holder (1EA)

Optional
Slim Wall Mount (WB21LMA/B),
Wall Mount (LSW240A/B)
Wall Mount Adapter (AM-B220S)

## SPECIAL FEATURE

Tilt (Face down)
Yes(Max 30° degree, 40℃ temperature)

IP Rating
IP5X

Conformal Coating (Power Board)
Yes

## COMPLIANCE INFORMATION

Dismantling information(49UH7N-E)

EU Energy label 2019(49UH7N-E)

UK DoC(49UH7N-E)

UK Energy label 2019(49UH7N-E)

Product information sheet (49UH7N-E)

GPSR Safety Information(49UH7N-E)

MORE COMPLIANCE INFORMATION >

- The safety information for accessories is included with the safety information for the product and is not provided separately.
- To learn more about how this product handles data and your rights as a user, please visit "Data Coverage & Specifications" at **LG Privacy**