UHD Signage

49UH7Q-E

Key Features

- Resolution : 3,840 × 2,160 (UHD)
- Brightness : 700 nits (Typ.)
- Bezel Width : 11.4 mm (Even)
- webOS Smart Platform
- LG Shield



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 (Typ.)

Dynamic CR
1,000,000:1

Color Gamut
BT709 95%

Viewing Angle (H x V)
178º x 178º

Color Depth (Number of Colors)
1.07 Billion colors

Response Time
Tr : 8ms / Tf :10ms

Surface Treatment (Haze)
28% (Typ.)

Life time
50,000Hrs (Min.)

Operation Hours (Hours/Day)
24/7

Portait / Landscape
YES / YES

Transparency
No

CONNECTIVITY

HDMI In
YES (3ea)

HDMI In (HDCP Ver.)
2.2/1.4

DP In
YES (HDCP 2.2/1.4)

DVI-D In
NO

RGB In
NO

Audio In
NO

RS232C In
YES

RJ45(LAN) In
YES (1ea)

IR In
YES

USB In
USB2.0 Type A (2ea)

HDMI Out
NO

DP Out
NO

Audio Out
YES

Touch USB
NO

External Speaker Out
NO

RS232C Out
YES

RJ45(LAN) Out
NO

IR Out
NO

Daisy Chain
NO

MECHANICAL SPECIFICATION

Bezel Color
Black

Bezel Width
Even bezel : 11.4mm

Weight (Head)
11.4 kg

Packed Weight
14.2 kg

Monitor Dimensions (W x H x D)
1104.3 x 635.5 x 29.7mm

Carton Dimensions (W x H x D)
1215.0 x 742.0 x 142.0mm

Handle
NO

VESA Standard Mount Interface
300 x 300 mm

FEATURE - HARDWARE

Internal Memory (eMMC)
16GB

Wi-Fi/BT (Built-in)
YES

Temperature Sensor
YES

Auto Brightness Sensor
YES (EU in-box / Others Acc.)

Pixel Sensor
NO

Proximity Sensor
NO

Current Sensor
NO

BLU Sensor
NO

Humidity Sensor
NO

Acceleration(Gyro) Sensor
YES

Power Indicator
NO

Local Key Operation
YES

FAN (Built-in)
NO

FEATURE - SOFTWARE

OS Ver. (webOS)
webOS 8.0

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

Backlight Sync
NO

PIP
YES

PBP
YES (4PBP)

Screen Share
YES

Video Tag
YES (4 Video Tag)

Play via URL
YES

Screen Rotation
YES

External Input Rotation
YES

Gapless Playback
YES

Tile Mode Setting
YES

Setting Data Cloning
YES

SNMP
YES

ISM Method
YES

Auto Set ID
YES

Status Mailing
YES

Control Manager
YES

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

Brightness Compensation
NO

W/B Setting by Grey scale
NO

Scan Inversion
NO

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.
87W

Max.
131W

BTU (British Thermal Unit)
297 BTU/Hr(Typ.), 448 BTU/Hr(Max)

Smart Energy Saving (70%)
61W

DPM
0.5W

Power off
0.5W

SOUND

Speaker (Built-in)
YES (10W x 2)

CERTIFICATION

Safety
CB / NRTL

EMC
FCC Class "B" / CE / KC

ERP / Energy Star
O / O

ePEAT(US only)
YES

SOFTWARE COMPATIBILITY

SuperSign CMS
YES

SuperSign Control+
YES

SuperSign WB
YES

SuperSign Cloud
YES

Promota
NO

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, Türkçe, Arabic, Polski

ACCESSORY

Basic
Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, IR/Light sensor receiver(EU/EK Only), Magnetic sheet(2EA, EU/EK Only)

Optional
Slim Wall Mount (WB21LMA/B), Normal Wall Mount (OLW480A/B), IR/Light sensor receiver (ACC-L)

SPECIAL FEATURE

Tilt (Face down)

IP Rating

Max. 15 degree (40℃ temperature)

IP5X

Conformal Coating (Power Board)

YES