

UHD Large Screen Signage Display

110UM5K

Key Features

- Brightness : 500 nit (Typ.)
- Resolution : ULTRA HD (3,840 x 2,160)
- Bezel : 17 mm (Even bezel)
- Built-in Speaker (10 W + 10 W)
- Interface : HDMI(3) / DP / DVI-D / USB 2.0 / RS232C / RJ45 / Audio / IR & Light Sensor



All Spec

PANEL

Screen Size (Inch)
110"

Back Light Type
Direct

Native Resolution
3840 x 2160 (UHD)

Brightness
500nit (Typ.)

Dynamic CR
1,000,000:1

Viewing Angle (H x V)
178x178

Response Time
8ms (G to G)

Life time
50,000Hrs (Min.)

Portrait / Landscape
No / Yes

Panel Technology
ADS

Aspect Ratio
16:9

Refresh Rate
120Hz

Contrast Ratio
1,200:1

Color Gamut
DCI-P3 88%†

Color Depth (Number of Colors)
8bits + FRC, 1.07Billion colors

Surface Treatment (Haze)
1%

Operation Hours (Hours/Day)
16/7

CONNECTIVITY

HDMI In
Yes(3), HDMI1/HDMI2 : HDCP 2.2/1.4 HDMI3 : HDCP 1.4

DP In
Yes (1), HDCP2.2/1.3

DVI-D In
Yes (1), HDCP1.4

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

IR In
Yes (1)

HDMI Out
Yes (1)

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

Audio In
Yes (1)

RJ45(LAN) In
Yes (1)

USB In
USB2.0 Type A(1)

Audio Out
Yes (1)

Daisy Chain
Yes (Input HDMI, DP, DVI / Output HDMI)

MECHANICAL SPECIFICATION

Bezel Color
Black

Weight (Head)
80Kg

Monitor Dimensions (W x H x D)
2474 x 1408 x 99mm

Handle
Yes

Bezel Width
Even bezel: 17mm

Packed Weight
110Kg

Carton Dimensions (W x H x D)
2680 x 1730 x 320mm

VESA Standard Mount Interface
1500 x 600

FEATURE - HARDWARE

Internal Memory (eMMC)
16GB

Temperature Sensor
Yes

Acceleration(Gyro) Sensor
Yes

Local Key Operation
Yes

Wi-Fi/BT (Built-in)
Yes

Auto Brightness Sensor
Yes

Power Indicator
Yes

FEATURE - SOFTWARE

OS Ver. (webOS)
webOS6.0

Group Manager
Yes

Fail over
Yes

No Signal Image
Yes

Local Contents Scheduling
Yes

USB Plug & Play
Yes

Booting Logo Image
Yes

RS232C Sync
Yes

Local Network Sync
Yes

PBP
Yes (4)

Video Tag
Yes (4)

Gapless Playback
Yes

Setting Data Cloning
Yes

ISM Method
Yes

Status Mailing
Yes

Cisco Certification
Yes

Smart Energy Saving
Yes

Wake on LAN
Yes

Beacon
Yes

SI Server Setting
Yes

Pro:Idiom
Yes

PIP
Yes

Screen Share
Yes

Play via URL
Yes

Tile Mode Setting
Yes (Max. 15x15)

SNMP
Yes

Auto Set ID
Yes

Control Manager
Yes

Crestron Connected
Yes

PM mode
Yes

Network Ready
Yes

HDMI-CEC
Yes

webRTC
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.
440W

Max.
570W

BTU (British Thermal Unit)

Smart Enegy Saving(~70%)

1501 BTU/Hr(Typ.), 1945 BTU/Hr(Max)

308W

DPM

Power off

0.5W

0.5W

SOUND

Speaker (Built-in)

Yes (10W X 2)

CERTIFICATION

Safety

CB / NRTL

EMC

FCC Class "A" / CE / KC

ERP / Energy Star

Yes (NewErP) / No

SOFTWARE COMPATIBILITY

SuperSign CMS

Yes

SuperSign Control+

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, Polski

ACCESSORY

Basic

Remote Controller(include battery 2ea), Power Cord,
QSG, IR/Light sensor receiver, Regulation Book, Phone
to RS232C Gender