4K UHD Signage

86UH5Q-E

Key Features

- Resolution : 3,840 × 2,160 (UHD)
- Brightness : 500 nits (Typ.)
- Bezel Width : 13.4 mm (Even)
- webOS Smart Platform
- LG Shield



All Spec

PANEL

Screen Size (Inch)
86

Panel Technology
ADS

Back Light Type
Edge

Aspect Ratio
16:9

Native Resolution
3840 x 2160 (UHD)

Refresh Rate
60Hz

Brightness
700nit(Typ.)

Contrast Ratio
1,200:1

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
8ms (G to G)

Surface Treatment (Haze)
25%

Life time
50,000Hrs (Typ.)

Operation Hours (Hours/Day)
24/7

Portait / Landscape
YES / YES

CONNECTIVITY

HDMI In
YES (3ea)

HDMI In (HDCP Ver.)
2.2/1.4

DP In
YES (HDCP 2.2/1.3)

RS232C In
YES

RJ45(LAN) In
YES (1ea)

IR In
YES

USB In
USB2.0 Type A (2ea)

Audio Out
YES

RS232C Out
YES

MECHANICAL SPECIFICATION

Bezel Color
Black

Bezel Width
13.4mm(Even)

Weight (Head)
53.0Kg

Packed Weight
66.7Kg

Monitor Dimensions (W x H x D)
1928.8 x 1099.8 x 29.7mm (without IR, Handle)

Carton Dimensions (W x H x D)
2100 x 1250 x 253mm

Handle
YES

VESA Standard Mount Interface
600 x 400 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.)

Acceleration(Gyro) Sensor
YES

Local Key Operation
YES

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

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

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.
205W (TBD)

Max.
297W (TBD)

BTU (British Thermal Unit)
699 BTU/Hr(Typ.), 1013 BTU/Hr(Max) (TBD)

Smart Energy Saving (70%)
144W (TBD)

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
NA / O

ePEAT(US only)
YES

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, Türkçe, Arabic

ACCESSORY

Basic
Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, Cable Holder(6EA), Cable Holder(7Pin/1EA)

Optional
Wall Mount (LSW640A/B)

SPECIAL FEATURE

Conformal Coating (Power Board)
YES

IP Rating
IP5X