

UHD TV Signage

86PK640S (EU/CIS)

Key Features

- Resolution : 3,840 × 2,160 (UHD)
- Brightness : 300 nits
- Backlight Life : 30,000 Hrs, 16 Hrs / 7 Days
- LG Solution Compatibility



All Spec

DESIGN

Tool Name	Stand Type
BOE UA75	2Pole
front color	
Black	

DISPLAY

Inch	Resolution
86"	3840 X 2160 (UHD)
Backlight Unit Type	Brightness
Direct	Typ. 300nit / Min. 260nit
Dynamic Contrast Ratio (Dynamic MCI (Hz))	Static (Panel) Contrast Ratio
1,000,000:1	5000:1(typ.)
Response Time(G to G, ms)	Refresh Rate
8ms (typ.)	60Hz
Backlight Life	
30,000Hrs, 16Hrs/7Days	

VIDEO

SoC	SoC (Marketing Name)
K25Lp	Quad
HDR_HDR 10 Pro	HDR_HLG
Yes	Yes

AUDIO

Speaker (sound output)	Speaker System
10W + 10W	2.0 ch

BROADCASTING SYSTEM

Analog (NTSC / SECAM / PAL)
PAL/SECAM

Global IPTV Support(IP Streaming)
Yes

Teletext (Auto Teletext)
Yes

SMART FUNCTION

webOS version
Yes (webOS25)

Quick Access
Yes

Pre-loaded App
Yes (YouTube only)

SW Clock (World Clock / Alarm)
Yes

HDMI-ARC
Yes (ARC, HDMI2)

Smart Home (Launcher Bar)
Yes

Web Browser
Yes

SDP Server compatibility
Yes

Mood Display
Yes

OTHER FEATURE

USB Cloning
Yes

SNMP
Yes

SI Compatible Protocol
Yes (TVLink Tuner)

Simplink(HDMI-CEC)
Yes(1.4)

Multi IR Code
Yes

Lock mode
Yes (Limited)

Welcome Video
Yes

Insert Image
Yes

External Speaker Out
Yes(Audio Out with 3.5mm Phone Jack)

Auto Off / Sleep Timer
Yes/Yes

Motion Eye Care
Yes

WOL / WOWL
Yes / No

Diagnostics
Yes (Self Diagnostics (USB))

HTNG-CEC
Yes

IR Out
Yes (RS-232C Phone Jack type)

Hotel Mode / PDM / Installer Menu
Yes

Port Block
Yes

Welcome Screen (Splash Image)
Yes

IP Channel Manager
Yes

Moving Picture Playback (SD/HD/Plus HD)
Yes

Energy Saving mode
Yes

VERTICAL FUNCTION

Vertical Setup

Fail Over

Yes	Yes
Play Via URL	Crestron Certi. Compatibility
Yes	Yes
DPM (Digital Power management)	Time scheduler
Yes	Yes
BEACON	Embedded CM (contents manager)
Yes	Yes
Embedded GM (Group manager)	Control / Control Plus
Yes	Yes / Yes
CMS(Premium)	Simple Editor
Yes	Yes
LG Connected Care	Set Side-HDMI In
Yes	2 (2.0)
Set Side-USB	Set Side-RS-232C(D-Sub 9pin / Phone jack)
1 (2.0)	1 (Phone Jack, 4pin)
Set Rear / Bottom-RF In	Set Rear / Bottom-Digital Audio Out (Optical)
1	1
Set Rear / Bottom-External Speaker Out(3.5mm phone jack)	Set Rear / Bottom-RJ45 (Usage Purpose)
1 (Audio Out)	1(LAN)

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 100~240V, 50-60Hz	Under 0.5W

REQUIRED LISTING(CERTIFICATION)

Safety	EMC
CB, CU TR	CE
Others	
ISTA6	

ACCESSORY

Power Cable	RS232C to phone jack cable
Yes (Attached, 2M)	Yes

GENERAL

Region
Europe / CIS