58:9 Ultra Stretch for Dynamic Digital Content

Ultra Stretch Signage 86BH5C/BH7C

Ultra Stretch 86BH5C/BH7C is a new signage format with a 58:9 widescreen that can display dynamic content depending on the user's installation environment. (e.g. airports, subways, banks, art galleries, or retail stores) This product is also a work of structural art in itself that can be seen as digital decor.

Key Features

New Design Configuration

ULTRA STRETCH

Ultra HD Resolution (3,840 x 600)

Ultra HD large screens deliver an immersive viewing experience.

Conventional 86BH5C/BH7C

58:9 Extended Wide Format

Dynamic content is delivered on one screen since the new widescreen format is a 58:9 bar- type display.

Conventional 86BH5C/BH7C

Multiple Screens

4 Divided PBP in Landscape or Portrait

The Picture-by-Picture (PBP) feature allows you to divide a screen up to 4 parts in landscape or portrait installations.

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58:9 Ultra Stretch for Dynamic Digital Contents

Ultra Stretch Signage 86BH5C/BH7C

ULTRA HD IPS ULTRA STRETCH 24/7 webOS 2.0

SUPERSIGN™

Screen Size
86"

86BH5C/BH7C
- Brightness : 500 cd/m² (86BH5C)
  700 cd/m² (86BH7C)
- Bezel : 4.4mm (Left/Right),
  5.9mm (Top/Bottom)
- Depth : 81.7mm
- Interface : HDMI, DP, RJ45, IR,
  USB 2.0, USB 3.0,
  Daisy-Chain (DP Out,
  RS232C In/Out, RJ45)

Other Features

Content Management

SUPERSIGN™

58:9 Content Editing

With the LG SuperSign media editor, you can easily edit images or video clips of original content without any additional editing programs.

Multiple Content Creation

Users can edit content that consists of one video and several still images (up to 20) with SuperSign Editor.

Support 1 Video + 20 Images

Convenient Connectivity Support

Tiling Scene with Daisy Chain

This product supports lateral tiling for 1x4 or 4x1 installations (landscape or portrait), and up to a 4x4 installation with a daisy chain configuration.

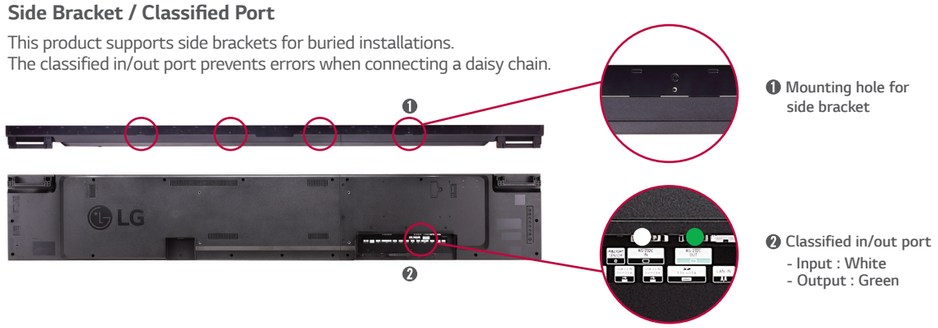
LAN Daisy Chain

The LAN daisy chain allows you to control and monitor devices, distribute content, and even update firmware.

Easy Installation

Side Bracket / Classified Port

This product supports side brackets for buried installations.
The classified in/out port prevents errors when connecting a daisy chain.



❶ Mounting hole for side bracket

❷ Classified in/out port
- Input : White
- Output : Green

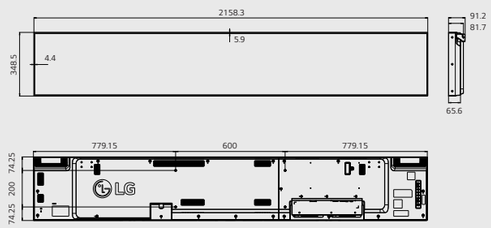
Specifications

86BH5C/BH7C			86BH5C/BH7C
PANEL	Screen Size		86"
	Panel Technology		IPS
	Aspect Ratio		58:9
	Native Resolution		3,840 x 600 (UHD)
	Brightness		86BH5C: 500 cd/m² (Typ), 86BH7C: 700 cd/m² (Typ)
	Contrast Ratio		1,100:1(Typ)
	Dynamic CR		500,000:1 (Typ)
	Viewing Angle (H x V)		178 x 178
	Response Time		8ms (G to G BW) Typ
	Surface Treatment		AGP (10% Haze)
	Life Time		50,000 Hrs
	Orientation		Landscape / Portrait
CONNECTIVITY	Input		HDMI, DP, OPS, DVI-D, USB 2.0, USB 3.0, SD Card
	Output		Analog Audio
	External Control		RS232C, RJ45, IR+B Receiver, Pixel Sensor, Analog Audio
PHYSICAL SPECIFICATION	Bezel Color		Black
	Bezel Width		4.4 mm (L/R), 5.9 mm (T/B)
	Monitor Dimension (W x H x D)		2,158.3 x 348.5 x 81.7 mm
	Weight (Head)		20.5 kg
	Carton Dimensions (W x H x D)		2,290 x 228 x 599 mm
	Packed Weight		38.2 kg
	VESA™ Standard Mount Interface		600 x 200 mm
SPECIAL FEATURES			Temperature Sensor, Auto Brightness Sensor, Tile Mode, Natural Mode@Tile Mode, ISM Method, Energy Saving, Smart Energy Saving, File Play with USB/SD/Internal Memory, PIP/PBP, 8GB (System 4GB + Available 4GB), Wi-Fi Dongle Ready, 4K Up Scaling
ENVIRONMENT CONDITIONS	Operation Temperature Range		0 °C to 40 °C
	Operation Humidity Range		10 % to 80 %
POWER	Power Supply		100-240V~, 50/60Hz
	Power Type		Built-In Power
	Power Consumption	Typ. / Max.	86BH5C: 180W / 220W, 86BH7C: 215W / 255W (TBD)
		Smart Energy Saving	30% of typical
STANDARD (CERTIFICATION)	Safety		UL / cUL / CB / TUV / KC
	EMC		FCC Class "A" / CE / KC
	ErP / Energy Star		NA / NA
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible		Yes
	External Media Player Attachable		No
SOFTWARE COMPATIBILITY	SuperSign W/Lite		Yes
	SuperSign C		Yes
ACCESSORIES	Basic		Remote Controller (2ea Batteries included), Power Cord, DP (2.6M), RS-232C Cable (3M) Owner's Manual (Website upload)
	Optional		AN-WF500 (Wi-Fi USB Dongle), MP700, KT-OPSA (OPS KIT), KT-SP0 (RGB Sensor) ** Stand is not available
	Pillar		PL-F860 (Developed), PL-S860 (Developed), PL-D860 (Will be released in Oct. 2016 in Korea)

Dimension (unit : mm)

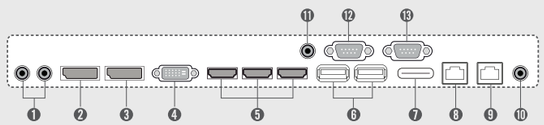
86"

2,158.3 x 348.5 x 81.7mm / 20.5kg



Connectivity

❶ AUDIO IN/OUT
❷ DP OUT
❸ DP IN
❹ DVI-D IN
❺ HDMI IN
❻ USB
❼ SD Card
❽ LAN IN
❾ LAN OUT
❿ PIXEL SENSOR
⓫ IR & LIGHT SENSOR
⓬ RS-232C IN
⓭ RS-232C OUT



HDMI