

# 58:9 Ultra Stretch for Dynamic Digital Content

## Ultra Stretch Signage 86BH5C



Ultra Stretch 86BH5C 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 HD Resolution (3840 x 600)

Ultra HD large screens deliver an immersive viewing experience.



Conventional

86BH5C

#### 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

#### Multiple Screens



#### 4 Divided PBP in Landscape or Portrait

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



# 58:9 Ultra Stretch for Dynamic Digital Contents

## Ultra Stretch Signage 86BH5C



Screen Size  
86"

86BH5C

- Brightness : 500cd/m<sup>2</sup>
- Bezel : 4.4mm (Left/Right), 5.9mm (Top/Bottom)
- Depth : 81.7mm
- Interface : HDMI, DP, RJ45, IR, USB2.0, USB3.0, Daisy-Chain (DP Out, RS232C In/Out, RJ45)

### Other Features

#### Content Management



#### 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.



Video file or Still Image



#### Multiple Content Creation

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



Video

Image

Image

Image

#### Convenient Connectivity Support



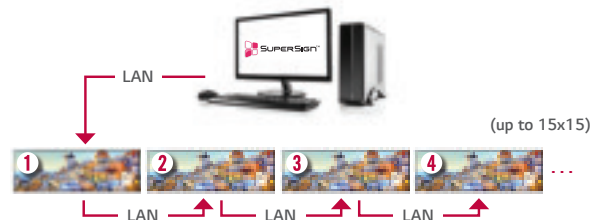
#### Tiling Scene with Daisy Chain

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.



① Mounting hole for side bracket



② Classified in/out port  
- Input : White  
- Output : Green

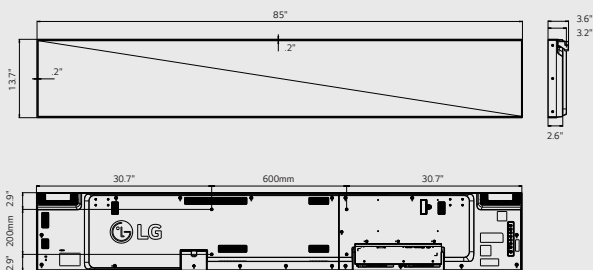
## Specifications

BH5C		86BH5C-B	
PANEL	Screen Size	86" class (85.6") diagonal	
	Panel Technology	IPS	
	Aspect Ratio	58:9	
	Native Resolution	3,840 x 600 (UHD)	
	Brightness	Typ: 500cd/m <sup>2</sup> , Min : 400cd/m <sup>2</sup>	
	Contrast Ratio	1,100:1(Typ)	
	Dynamic Contrast Ratio:	(Typ) 500,000:1	
	Viewing Angle(H x V)	178 x 178	
	Response Time	8ms (G to G BW) typ.	
	Surface Treatment	AGP (10% Haze)	
CONNECTIVITY	Input	HDMI(3), DP, OPS, DVI-D, USB2.0, USB3.0, SD Card	
	Output	Analog Audio	
	External Control	RS232C, RJ45, IR+B Receiver, Pixel Sensor, Analog Audio	
PHYSICAL SPECIFICATION	Bezel Color	Black	
	Bezel Width	4.4mm (L/R), 5.9mm (T/B)	
	Monitor Dimension (W x H x D)	85" x 13.7" x 3.2"	
	Weight (Head)	45.2lbs	
	Carton Dimensions (W x H x D)	90.2" x 9" x 18.9"	
SPECIAL FEATURES	Packed Weight	78lbs	
	VESA™ Standard Mount Interface	600mm x 200mm	
	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	32 °F to 104 °F
		Operation Humidity Range	10 % to 80 %
	POWER	Power Supply	100-240V~, 50/60Hz
		Power Type	Built-In Power
		Power Consumption	Typ. / Max. 180W/220W 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	
ACCESSORY	Basic	Remote Controller (2ea Batteries included), Power Cord, DP (3M), RS-232C Cable (3M) Owner's Manual (Website upload)	
	Optional	AN-WF500 (WiFi USB Dongle), MP700, KT-OPSA (OPS KIT), KT-SPO (RGB Sensor) ** Stand is not available	
OTHER	UPC	7 19192 19990 3	
WARRANTY	3-Year Limited Warranty (Parts and Labor)   Extended Warranties Available		

## Dimension (unit : mm)

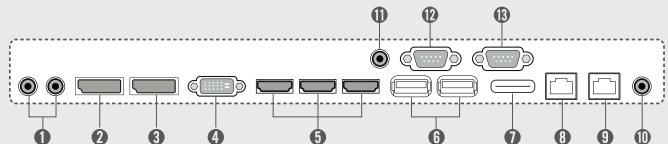
86"

85" x 13.7" x 3.2" / 45.2lbs



## Connectivity

- ① AUDIO IN/OUT
- ② DP OUT
- ③ DP IN
- ④ DVI-D IN
- ⑤ HDMI IN
- ⑥ USB
- ⑦ SD Card
- ⑧ LAN IN
- ⑨ LAN OUT
- ⑩ PIXEL SENSOR
- ⑪ IR & LIGHT SENSOR
- ⑫ RS-232C IN
- ⑬ RS-232C OUT



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