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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

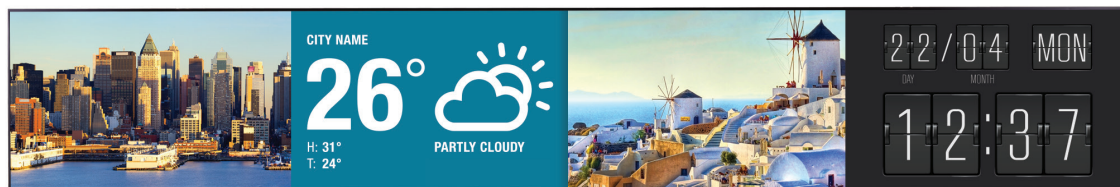
86BH5C

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.



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Ultra Stretch Signage 86BH5C



Screen Size
86"

86BH5C

- Brightness : 500cd/m²
- 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 video or image 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

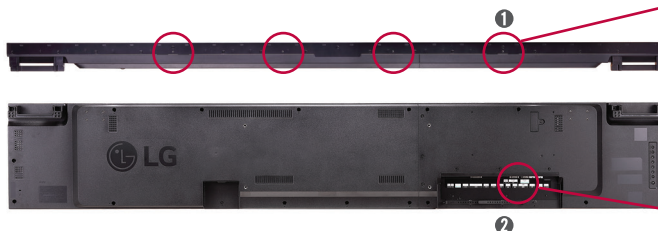
The LAN daisy chain allows you to control and monitor devices, distribute content, and even update firmware.



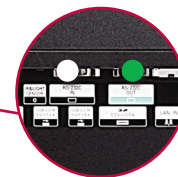
Easy Installation

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

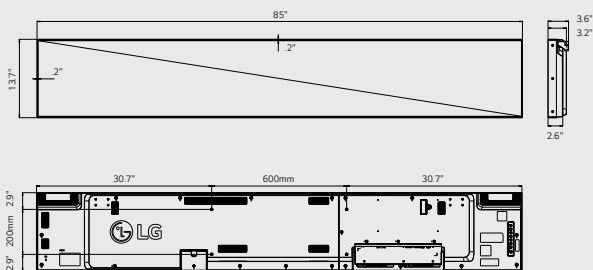
Specifications

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 ² , Min : 400cd/m ²
	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)
	Life time	50,000 Hrs
Orientation	Landscape / Portrait	
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"
	Packed Weight	78lbs
VESA™ Standard Mount Interface	600mm x 200mm	
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	32 °F to 104 °F
	Operation Humidity Range	10 % to 80 %
POWER	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
	Power Typ. / Max. Consumption	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)

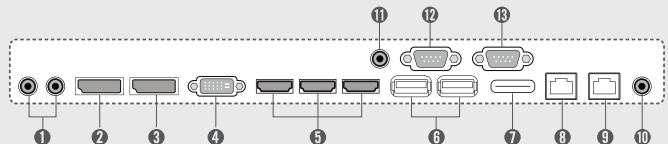
86"

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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