

# 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

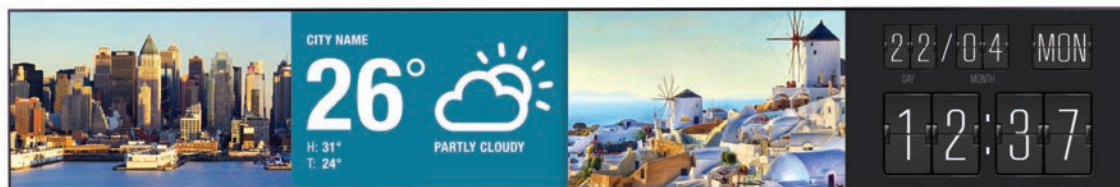
86BH5C

#### 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 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



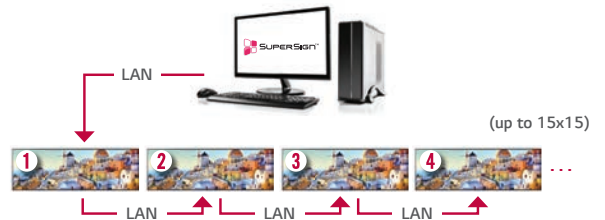
#### Tiling Scene with Daisy Chain

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

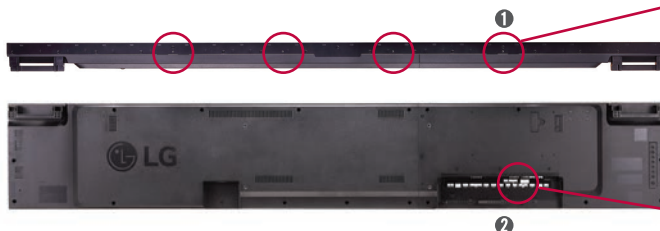
The LAN daisy chain allows you to control and monitor devices, distribute content, and even update firmware.



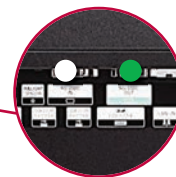
#### Easy Installation

#### 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

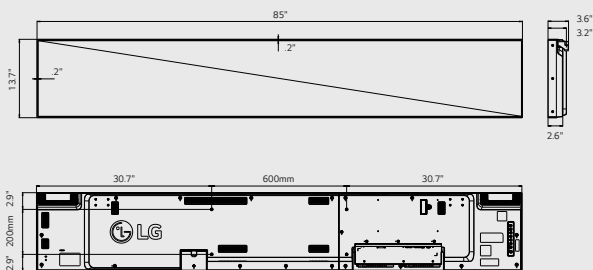
## Specifications

| 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 <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)   |
|                                | 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)<br>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)

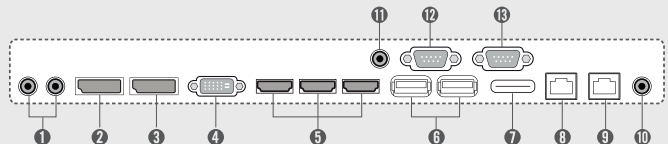
86"

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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