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.

58:9 Extended Wide Format

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

#### 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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LG Business Solutions
58:9 Ultra Stretch for Dynamic Digital Contents
Ultra Stretch Signage 86BH5C

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.

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

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.

Screen Size
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)

Video file or Still Image

Video
Image
Image
Image

58:9 Content Editing
Video file or Still Image

Multiple Content Creation

Tiling Scene with Daisy Chain

LAN Daisy Chain

Easy Installation

Side Bracket / Classified Port

Mounting hole for side bracket

Classified in/out port
- Input : White
- Output : Green
### Specifications

#### BH5C

<table>
<thead>
<tr>
<th>Panel</th>
<th>86BH5C-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>86” class (85.6”) diagonal</td>
</tr>
<tr>
<td>Panel Technology</td>
<td>IPS</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>58:9</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>3,840 x 600 (UHD)</td>
</tr>
<tr>
<td>Brightness</td>
<td>Typ: 500 cd/m², Min: 400 cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>Typ: 1,100:1, Min: 1,000:1</td>
</tr>
<tr>
<td>View Angle (H x V)</td>
<td>178 x 178</td>
</tr>
<tr>
<td>Response Time</td>
<td>8ms (G to G BW) typ.</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>AGP (10% Haze)</td>
</tr>
<tr>
<td>Life Time</td>
<td>50,000 Hrs</td>
</tr>
</tbody>
</table>

#### 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**: Built-In Power
- **Power**: Typ. / Max.: 180W / 220W
- **Power Consumption**: 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)
- **Optional**: Owner’s Manual (Website upload), AN-WF500 (WiFi USB Dongle), MP700, KT-OPSA (OPS KIT), KT-SP0 (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

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### Connectivity

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

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![Connectivity Diagram](image-url)