

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

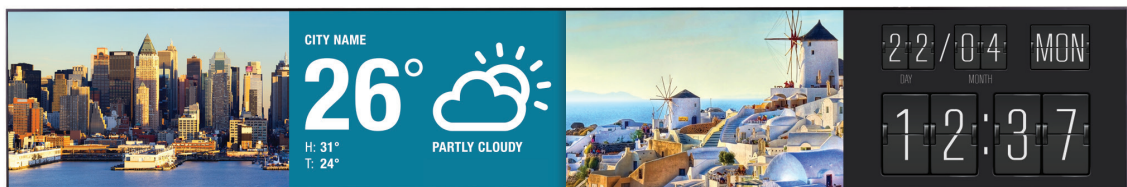
86BH5C

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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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 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



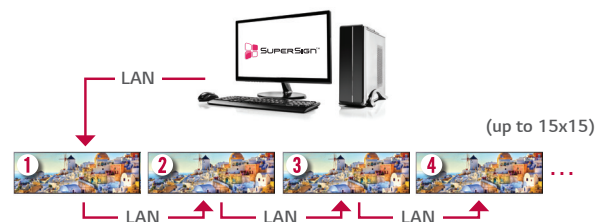
Tiling Scene with Daisy Chain

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

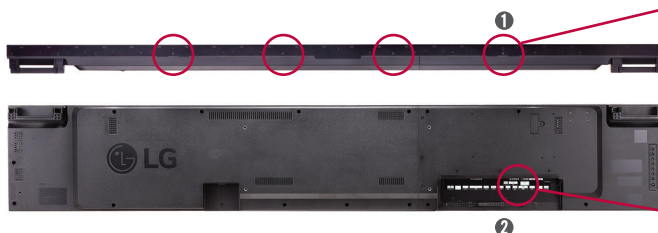
The LAN daisy chain allows you to control and monitor devices, distribute content, and even update firmware.



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

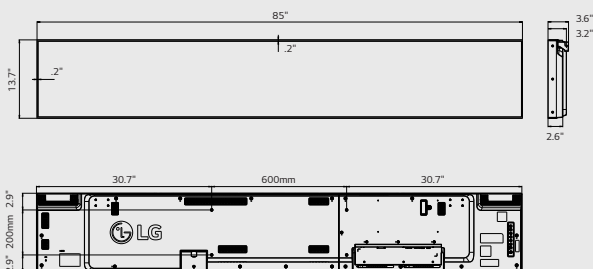
Specifications

| BH5C | | 86BH5C-BF |
|--------------------------------|--|--|
| PANEL | Screen Size | 86" class (TBD") 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 CR | 500,000:1 (Typ) : TBD |
| | 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, 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 | 200mm x 600mm | |
| 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 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 | TBD |
| WARRANTY | 3-Year Limited Warranty (Parts and Labor) Extended Warranties Available | |

Dimension (unit : mm)

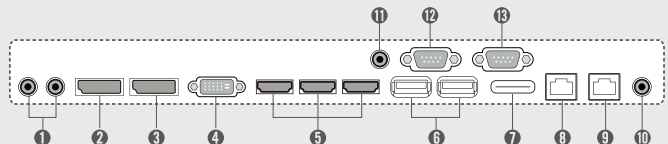
86"

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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