LG | Business Solutions

Ultra Stretch Monitor

Ultra Stretch Signage 86BH5C/86BH7C

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 STRETCH

Ultra HD Resolution (3840 x 600)

Ultra HD large screens deliver an immersive viewing experience.

Conventional   86BH5C/7C

58:9 Extended Wide Format

Dynamic content is delivered on one screen since the new widescreen format is a 58:9 bar-type display.
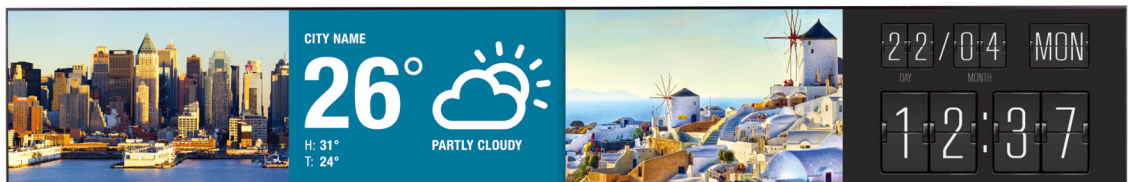
Conventional   86BH5C/7C

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.

Screen Size 86

86BH5C/7C
- Brightness: 500cd/m² (86BH5C)
  700cd/m² (86BH7C)
- 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)

ULTRA HD | IPS | ULTRA STRETCH | 24hr/7days | webOS 2.0 | SuperSign
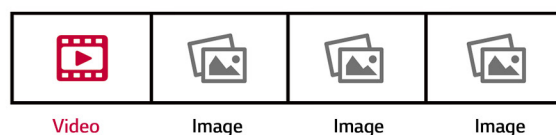
Other Features

Content Management

SuperSign

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.

Media Player

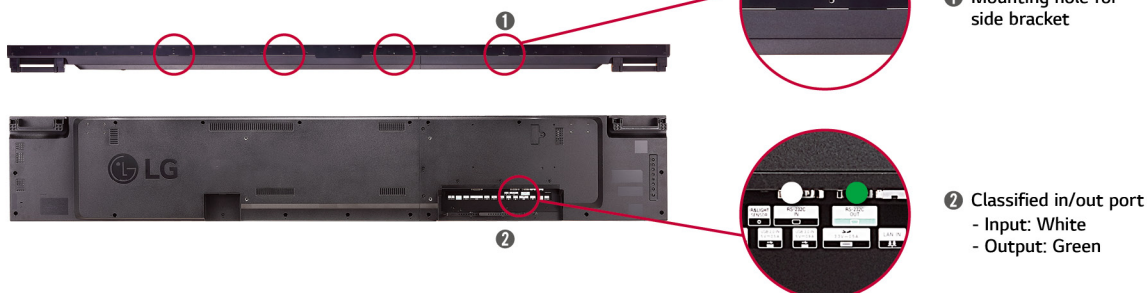### LAN Daisy Chain

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

LAN

(up to 15x15)

1 2 3 4 ...

LAN → LAN → LAN →

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.
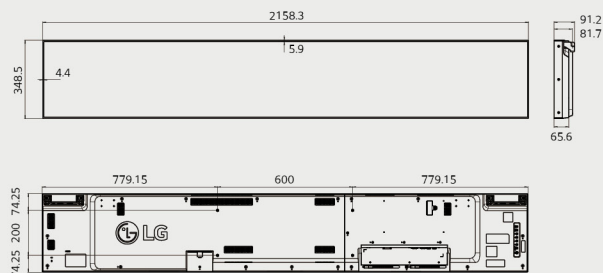
❶ Mounting hole for side bracket

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

Specifications

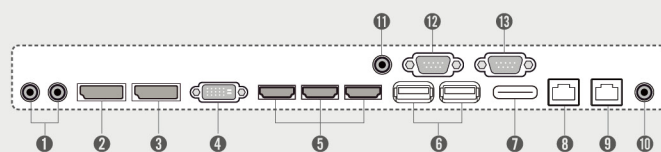|		86BH5C/7C	
PANEL	Screen Size	86	
	Panel Technology	IPS	
	Aspect Ratio	58:9	
	Native Resolution	3840 x 600 (UHD)	
	Brightness	500cd/m² (86BH5C), 700cd/m² (86BH7C)	
	Contrast Ratio	1,100:1(Typ)	
	Dynamic CR	500,000:1 (Typ): TBD	
	Viewing Angle(H x V)	178 x 178	
	Response Time	8ms (G to G BW) typ.	
	Surface Treatment	AGP (10% Haze)	
	Lifetime	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)	2,158.3 x 348.5 x 81.7mm	
	Weight (Head)	20.5kg	
	Carton Dimensions (W x H x D)	2,290 x 228 x 479	
	Packed Weight	35.4kg	
	VESA™ Standard Mount Interface	200 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	0 ℃ to 40 ℃	
	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-SP0 (RGB Sensor) ** Stand is not available	

Dimension (unit: mm)

86

2158.3 x 348.5 x 81.7mm / 20.5kg

Connectivity

❶ AUDIO IN/OUT
❷ DP OUT
❸ DP IN
❹ DVI-D IN
❺ HDMI IN
❻ USB
❼ SD Card
❽ LAN IN
❾ LAN OUT
❿ PIXEL SENSOR
⓫ IR & LIGHT SENSOR
⓬ RS-232C IN
⓭ RS-232C OUT

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE