Ultra Stretch Signage, 58:9 Space-Fitting Wide Screen

The 86BH5F is the most suitable display for delivering new forms of advertising and multiplexed information in a 58:9 widescreen format. It can bring unused & leftover space to life by being installed without restriction.

ULTRA STRETCH — 58:9 Wide Screen

3,840 / 600 — High Picture Quality

1:2:3:4 — Effective Content Delivery

Convenient Maintenance

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EXTRAORDINARY VIEWING EXPERIENCE
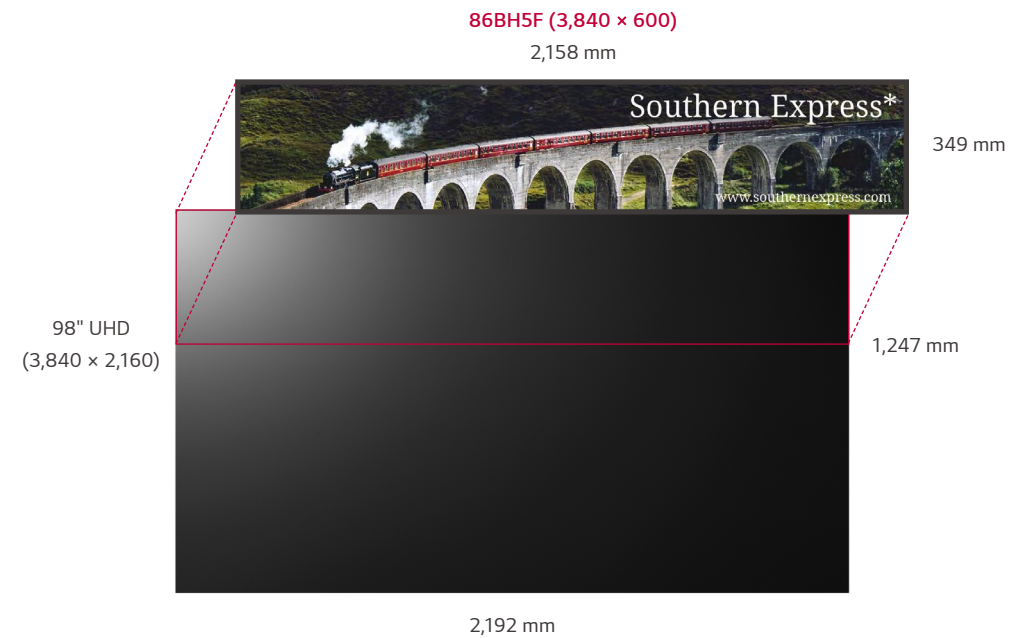
58:9 Extended Wide Format

It is a unique wide screen with 58:9 bar type which provides much more flexibility in playing content* than the conventional display of 16:9 ratio.

Hall A

Nick Schwartz
"Shades of Color"

9

58
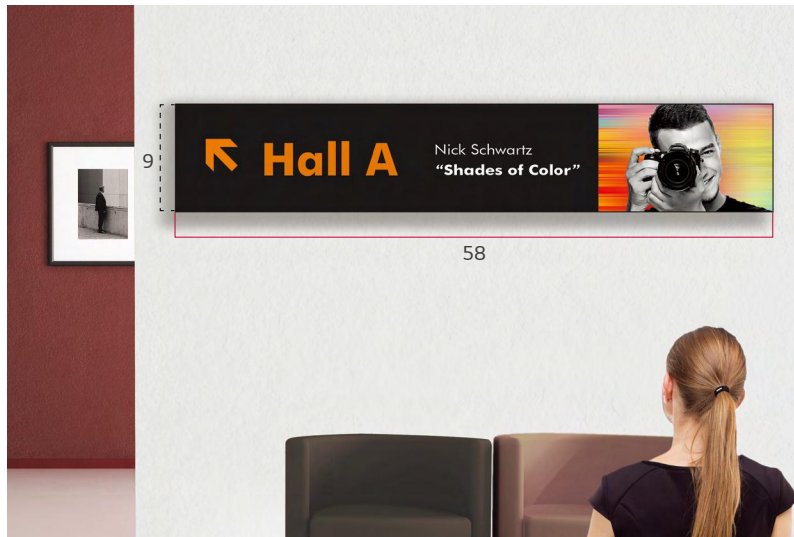
* Video content only. (Images not supported)

Ultra HD Resolution (3,840 × 600)

Ultra HD resolution delivers an immersive viewing experience with vivid colors and clear images.

86BH5F (3,840 × 600)
2,158 mm

Southern Express*

www.southernexpress.com

349 mm

98" UHD
(3,840 × 2,160)

1,247 mm

2,192 mm

EFFECTIVE CONTENT DELIVERY

Multi Screen Mode with 4PBP

The Picture-by-Picture (PBP) feature allows you to show multi content in one single display by up-to four parts. It is very useful and convenient to deliver various advertisements or pieces of information at the same time without calibration.

Tiled Scene with Immersive View

The 86BH5F can show a tiled scene by up to 15 × 15 configuration. This will be the best choice if you want to use a large screen, or provide visual impact to your customers in a different way.

IP5x Certified Design

The IP5x Dust-Proof Certification ensures that the product is completely protected from dust, eliminating the risk of performance degradation.


User-Friendly UX

The 86BH5F is equipped with a user-friendly UX to simplify approach flows, groups similar functions together, and adopts an intuitive GUI for ease of use. When using the display in portrait mode, OSD* can also be adjusted accordingly.
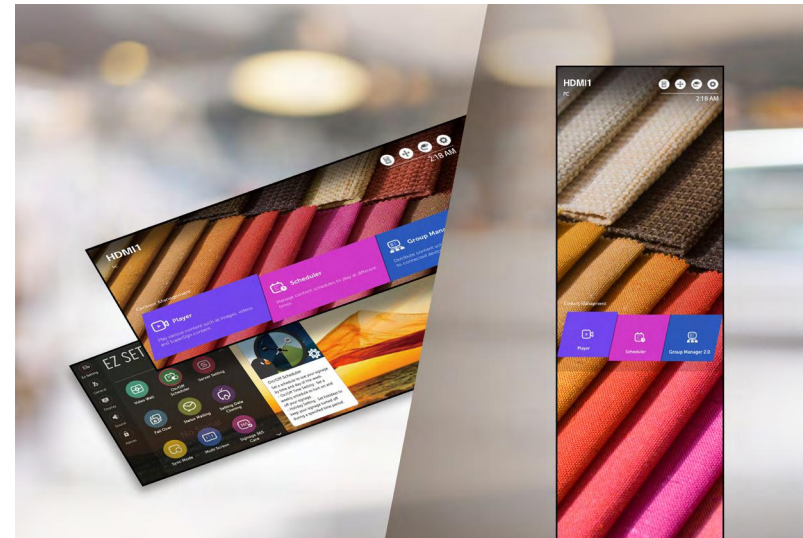

* OSD : On Screen Display

LAN Daisy Chain Management

By using this daisy-chained network feature, you can execute commands such as controlling, monitoring and even updating firmware.
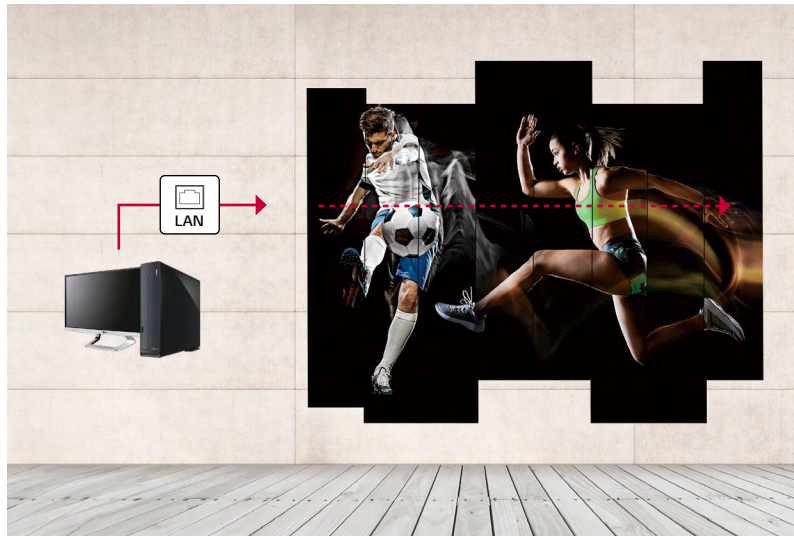
Real-Time Monitoring with ConnectedCare

Easier and faster maintenance are available with our optional cloud service solution ConnectedCare*. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.
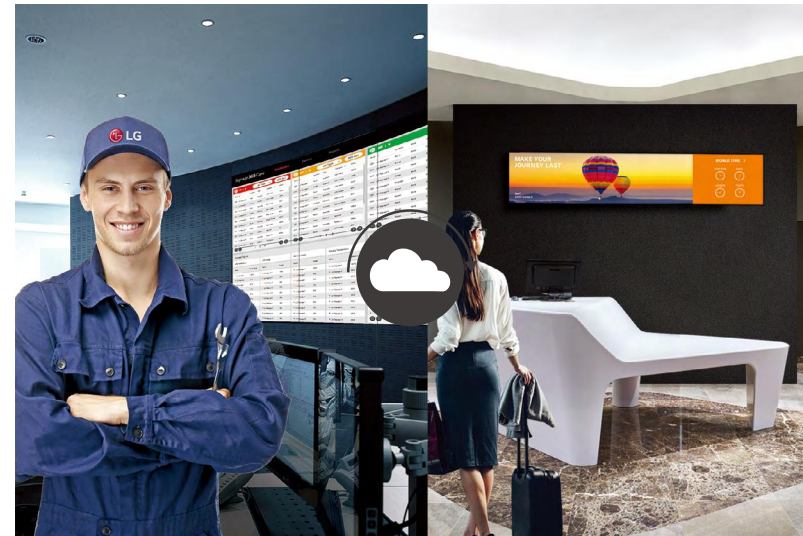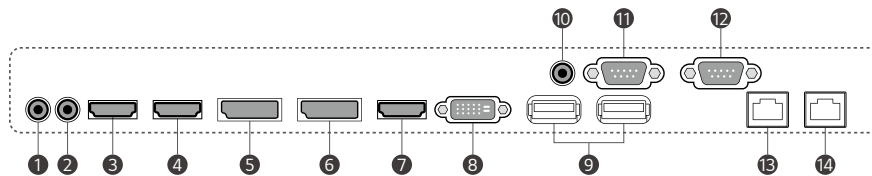

* ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.

DIMENSION (unit: mm)

2,158.3
348.5
5.9
4.4
5.9
4.4
91.2
65.6
81.7
779.15
600
779.15
74.25
200
74.25

LG

CONNECTIVITY

❶ AUDIO In	❺ DP In	❾ USB 2.0 In	⓭ LAN In
❷ AUDIO Out	❻ DP Out	❿ IR & LIGHT SENSOR	⓮ LAN Out
❸ HDMI(1) In 2.0	❼ HDMI(3) In 1.4	⓫ RS-232C In	
❹ HDMI(2) In 2.0	❽ DVI-D In	⓬ RS-232C Out	

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

SPECIFICATIONS

		86BH5F
Panel	Screen Size	86"
	Panel Technology	IPS
	Native Resolution	3,840 × 600
	Brightness (Typ.)	500 nit
	Contrast Ratio	1,100 : 1
	Dynamic CR[1]	500,000 : 1
	Color Gamut	NTSC 72 %
	Viewing Angle (H × V)	178 × 178
	Color Depth	1.07 Billion Colors (10bit)
	Response Time	8 ms (G to G)
	Surface Treatment (Haze)	3 %
	Operation Hours (Hours / Day)	24 / 7
	Portrait / Landscape	Yes / Yes
Connectivity	Input	HDMI (3 HDCP 2.2), DP (HDCP 2.2), DVI-D (HDCP 1.4), Audio, USB 2.0 Type A (2)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Physical Specification	Bezel Color	Black
	Bezel Width	4.4 mm (R/L), 5.9 mm (T/B)
	Monitor Dimensions (W × H × D)	2,158.3 × 348.5 × 81.7 mm
	Weight (Head)	20.5 kg
	VESA™ Standard Mount Interface	600 × 200 mm
Special Features		Internal Memory (8GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Multi-Screen (PBP (4)), Rotation (Screen Rotation, External Input Rotation), Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected®[2], Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC[3], webRTC
Environment Conditions	Operation Temperature Range	0 °C to 40 °C
	Operation Humidity Range	10 % to 80 %
Power	Power Supply	AC 100 - 240 V ~, 50 / 60 Hz
	Power Type	Built-in Power
	Power Consumption — Typ. / Max.	220 W / 240 W
	Power Consumption — BTU (British Thermal Unit)	751 BTU/Hr (Typ.), 819 BTU/Hr (Max.)
Sound	Speaker	No
Certification	Safety	CB, NRTL
	EMC	FCC Class "A" / CE / KC
	ErP	Yes
Media Players Compatibility	OPS Type Compatible	Yes (Piggyback)
	OPS Power Built In	No
Software Compatibility		SuperSign CMS[4], SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, ConnectedCare[5]
Accessories	Basic	Remote Controller, Power Cord, DP Cable, RS-232C Cable, IR/Light Sensor Receiver, Manual
	Optional	OPS Kit (KT-OPSF)

1) The luminosity ratio of Full Black / Full White color on video input condition.   2) Network based control
3) Compatibility may differ by equipment.   4) The SuperSign Editor function is not supported.   5) The availability can differ by region.

* Dimensions & Jack Panels may differ from the above image, so please contact LG salesteam to verify before ordering.

* Specification are subject to change without notice, so please contact LG sales team to verify before ordering.

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