

Ultra Stretch Signage

86BH5F-M

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

The 86BH5F is an excellent 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 in innovative ways.



58:9 Wide Screen



High Picture Quality



Effective Content Delivery



Convenient Maintenance



* All images in this datasheet are for illustrative purposes only.

58:9 Extended Wide Format

It is a unique wide screen with a 58:9 aspect ratio that provides more flexibility in playing video content than a conventional display with 16:9 aspect ratio.



Ultra HD Resolution (3,840 x 600)

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



Multi Screen Mode with 4PBP

The Picture-by-Picture (PBP) feature allows you to show multi content in one single display with 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-M can show a tiled scene with up to 15 x 15 configuration. This could 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

With a strong IP5x certification for protection against dust, the 86BH5F-M has durability that can withstand some indoor spaces near construction.



User-Friendly Menu Structure

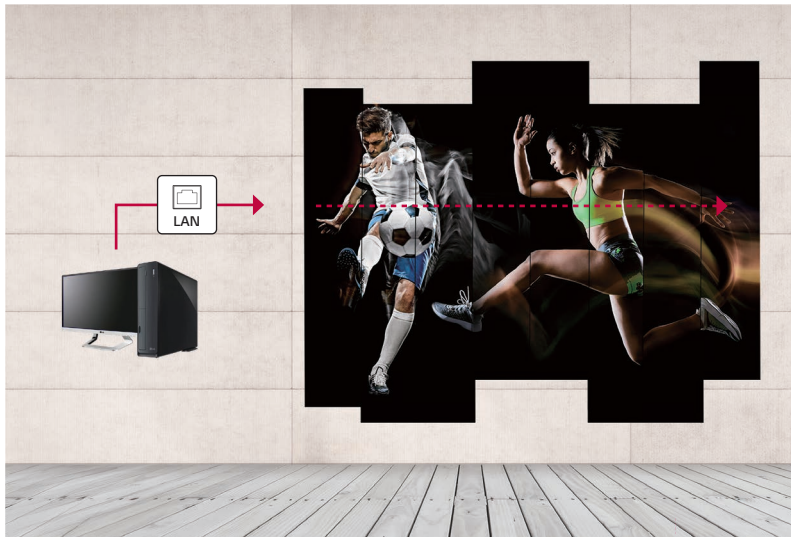
The 86BH5F-M is equipped with a user-friendly user interface that simplifies the menu structure and groups similar functions together. When using the display in portrait mode, the on-screen display can also be adjusted accordingly.



* 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.



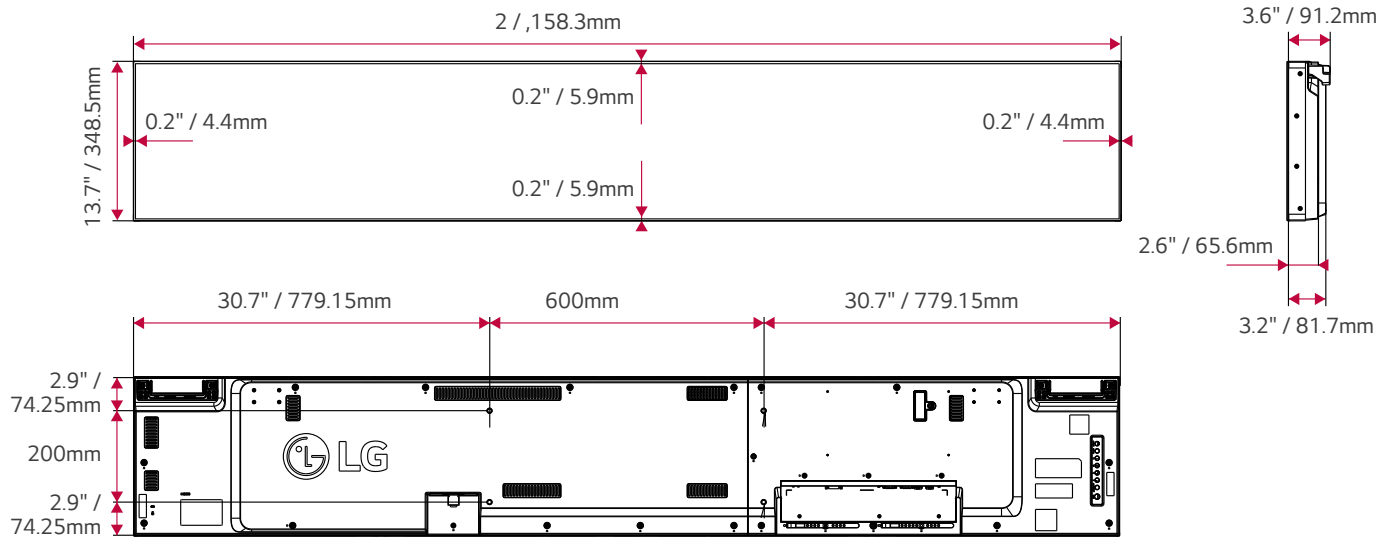
Real-Time Monitoring with ConnectedCare

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.

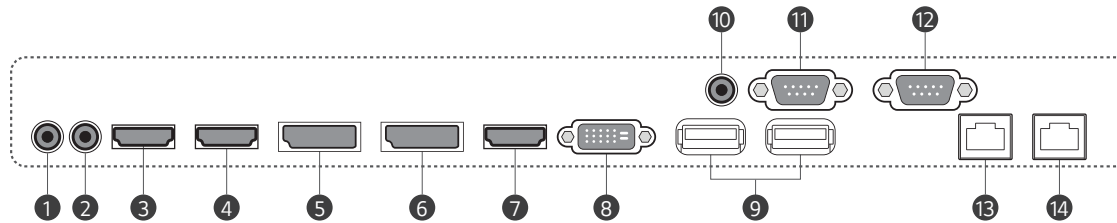


* ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.

DIMENSIONS



CONNECTIVITY



- | | | | |
|------------------|------------------|---------------------|-----------|
| ① AUDIO In | ⑤ DP In | ⑨ USB 2.0 In | ⑬ LAN In |
| ② AUDIO Out | ⑥ DP Out | ⑩ IR & LIGHT SENSOR | ⑭ LAN Out |
| ③ HDMI(1) In 2.0 | ⑦ HDMI(3) In 1.4 | ⑪ RS-232C In | |
| ④ HDMI(2) In 2.0 | ⑧ DVI-D In | ⑫ RS-232C Out | |



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

SPECIFICATIONS

86BH5F-M

DISPLAY	Screen Size	86"
	Panel Technology	IPS
	Back Light Type	Direct
	Aspect Ratio	58:9
	Native Resolution	3840 x 600
	Refresh Rate	60 Hz
	Brightness (Typ.)	500 nits
	Contrast Ratio	1100:1
	Dynamic CR	500,000:1
	Color gamut	NTSC 72%
	Viewing Angle (H x V)	178° x 178°
	Color Depth	10 bit, 1.07 Billion colors
	Response Time	8ms (G to G)
	Surface Treatment(Haze)	3%
	Lifetime	50,000 Hrs (Typ.)
	Operation Hours (Hours/Day)	24/7
Portrait / Landscape	Yes / Yes	
CONNECTIVITY	HDMI In	Yes (x3), HDCP2.2
	DP In	Yes (x1), HDCP2.2
	DVI-D In	Yes (x1), HDCP1.4
	Audio In	Yes (x1)
	RS232C In	Yes (x1)
	RJ45(LAN)	Yes (x1)
	IR In	Yes (x1)
	USB in	USB2.0 Type A (x2)
	DP Out	Yes (x1), Input: HDMI / DVI / DP
	Audio Out	Yes (x1)
RS232C OUT	Yes (x1)	
RJ45(LAN)	Yes (x1)	
MECHANICAL	Bezel Color	Black
	Bezel Width	T/R/L/B: 5.9 / 4.4 / 4.4 / 5.9 mm
	Weight (Head)	45.2 lbs / 20.5 kg
	Shipping Weight	84.2 lbs / 38.2 kg
	Monitor Dimension (W x H x D)	85.0 x 13.7 x 3.2 in / 2158.3 x 348.5 x 81.7 mm
	Shipping Dimensions (W x H x D)	90.2 x 23.6 x 9.0 in / 2290 x 599 x 228 mm
	Handle	Yes
VESA™ Standard Mount Interface	600 x 200	
FEATURES	Internal Memory	8 GB
	Built-in Wi-Fi	Yes
	Temperature Sensor	Yes
	Auto Brightness sensor	Yes
	Current Sensor	Yes
	Local Key Operation	Yes
	Local Contents Scheduling	Yes
	Group Manager	Yes
	USB Plug & Play	Yes
	Fail over	Yes
	Booting Logo Image	Yes
	No Signal Image	Yes

86BH5F-M

FEATURES	RS-232C Sync	Yes
	Local Network Sync	Yes
	PBP	Yes (x4)
	Screen Rotation	Yes
	External Input Rotation	Yes
	Tile Mode Setting	Yes (Max. 15X15)
	Setting Data Cloning	Yes
	SNMP	Yes
	ISM Method	Yes
	Auto Set ID	Yes
	Status Mailing	Yes
	Control Manager	Yes
	Crestron Inside	Yes
	Smart Energy Saving	Yes
	PM mode	Yes
	Wake on LAN	Yes
Beacon	Yes	
HDMI-CEC	Yes	
webRTC	Yes	
OPS type compatible	Yes (Piggyback)	
ENVIRONMENT	Operation Temperature	32°F to 104°F / 0°C to 40 °C
	Operation Humidity	10% to 80%
	Durability Rating (Dust)	IP5x
POWER	Power Supply	100-240 Vac, 50/60 Hz
	Power Type	Built-In Power
	Typical Power Consumption	220W
	Max Power Consumption	240W
	Typical Power Consumption per Hour	751 BTU/Hr
	Max Power Consumption per Hour	819 BTU/Hr
	Smart Energy Saving	100 W
	DPM	0.5 W
Power off	0.5 W	
CERTIFICATIONS	FCC Class A (Regulatory)	Yes
	CE (Regulatory)	Yes
	ErP (Energy Efficiency)	Yes
Software Compatibility	SuperSign CMS	Yes
	SuperSign Control / Control+	Yes / Yes
	SuperSign WB	Yes
	SuperSign Media Editor	Yes
	LG ConnectedCare	Yes
Languages	On-screen Display Languages	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek, Arabic
Accessories	Basic	*Remote Controller(including battery 2ea), 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.
* Specification are subject to change without notice, so please contact LG sales team to verify before ordering.

