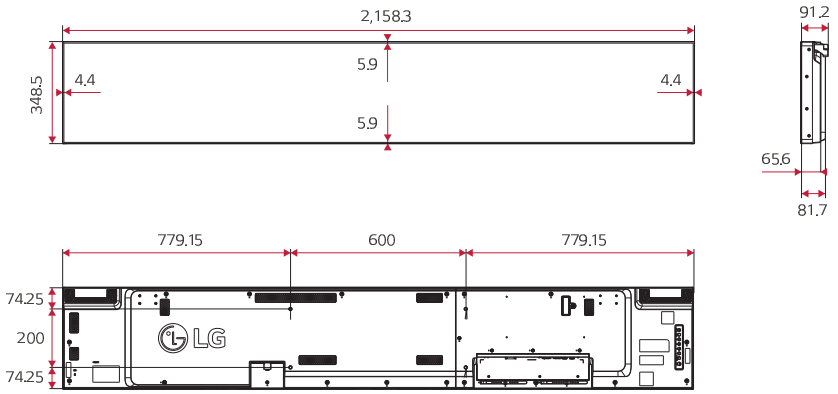
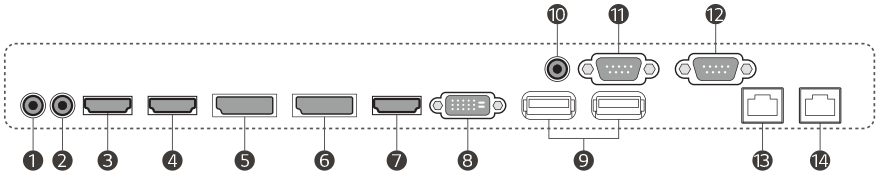
DIMENSION (unit: mm)



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	

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

SPECIFICATIONS

			86BH5F
Panel	Screen Size		86"
	Panel Technology		IPS
	Native Resolution		3,840 x 600
	Brightness (Typ.)		500 nit
	Contrast Ratio		1,100 : 1
	Dynamic CR[1]		500,000 : 1
	Color Gamut		NTSC 72 %
	Viewing Angle (H x V)		178 x 178
	Color Depth		1.07 Billion Colors (10 bit)
	Response Time		8 ms (G to G)
	Surface Treatment (Haze)		10 %
	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 Dimension (W x H x D)		20.5 kg
	Weight (Head)		2,158.3 x 348.5 x 81.7 mm
	VESA™ Standard Mount Interface		600 x 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 x 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
		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, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Signage365Care[4]		
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 availability can differ by region.
* Specification are subject to change without notice, so please contact LG sales team to verify before ordering.

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