# Ultra Stretch Signage, 32:9 Space-Fitting Wide Screen

The 88BH7F is the most suitable display for delivering new forms of advertising and multiplexed information in a 32:9 widescreen format that brings you a new experience, captivating customers' attention.



32:9 Wide Screen



High Picture Quality



**Effective Content Delivery** 



**Efficient Operation** 





### 32:9 Extended Wide Format

It is a unique wide screen with 32:9 bar type which provides much more flexibility in playing content than the conventional display of 16:9 ratio.

# Nick Schwartz 32

# Ultra HD Resolution (3,840 x 1,080)

98" UHD

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

### 88BH7F(3,840 x 1,080)

2,158 mm



2,192 mm

### Flexibility for Content Management

The 88BH7F is able to organize multi content with video and text according to user's desired ratio. Also, it is optimized to show a vertical or horizontal object without truncation, providing lifelike viewing experiences to the customers.



### 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.



# High Performance SoC with webOS

Built-in Quad Core SoC can execute several tasks at once while providing smooth content playback without the need for a media player. Also LG webOS platform enhances user convenience with intuitive GUI and simple app development tools.



### Tiled Scene with DP Daisy Chain

The 88BH7F can show a tiled scene through its DP Daisy Chain\*. 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.



\* DP Daisy Chain supports up to 4x4 configuration.

# LAN Daisy Chain Management

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



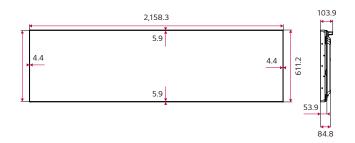
### Real-Time Monitoring with Signage365Care

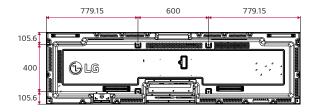
Easier and faster maintenance are available with our optional cloud service solution Signage365Care\*. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of clients' businesses.



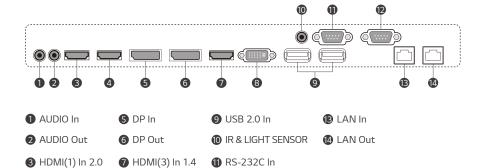
\* The availability of the "Signage365Care" service differs by region, so please contact the LG sales representative in your region for more details.

# Specifications





# Connectivity



**12** RS-232C Out

### 88BH7F

			0001171
Aspect Ratio   3.29     Native Resolution   3.840 x 1,080 (UHD)     Panel   Panel   Dynamic CR   500,0001 (Typ)     Contrast Ratio   1,100.1 (Typ)     Dynamic CR   500,0001 (Typ)     Viewing Angle (H x V)   178 x 178     Response Time   8ms (6 to 6 BW, Typ)     Surface Treatment   AGLR (Haze 3%)     Lifetime   50,000 Hrs (Typ)     Operation Hours   24Hrs / 70ays     Orientation   Landscape & Portrait     Input   HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)     Output   DP, Audio     External Control   R5232 Cir/Out, R145 In/Out, IR In     Bezel Color   Black     Bezel Width   4.4 mm (L/R), 5.9 mm (T/B)     Monitor Dimension (W x H x D)   2,274 x 717 x 212 mm     Packed Weight   517 kg (Palter included)     Handle   Yes     VESA <sup>M*</sup> Standard Mount Interface   600 x 400 mm     Internal Memory 960(System 4GB, Available 4GB), Built-in Wi-F, Temperature Sensor, Auto Brightness Sensor, USB     Auto Playback, Local Contents Scheduling, Group Manager, Fallower, Image Customization (Booting Logo, No Signal), Content Sync (R5-232C/Local Network/USB), Crestron Connected®* Control Manager, Smart Energy Saving, DPM, PM Mode, Wake on LAN, HDM:-CEC*, webSRT, CSI Severe Setting     Power Type   Built-in Power		Screen Size.8	88"
Native Resolution   3,840 x 1,080 (UHD)		Panel Technology	IPS
Panel   Brightness		Aspect Ratio	32:9
Panel   Dynamic CR   S00,0001 (Typ)		Native Resolution	3,840 x 1,080 (UHD)
Dynamic CR		Brightness	700 cd/m2 (Typ)
Viewing Angle (H x V)   178 x 178		Contrast Ratio	1,100:1 (Typ)
Response Time 8ms (G to G BW, Typ)  Surface Treatment AGLR (Haze 3%)  Lifetime 50,000 Hrs (Typ.)  Operation Hours 24Hrs / TDays  Orientation Landscape & Portrait  Input HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)  Output DP, Audio  External Control RS232C In/Out, RJ45 In/Out, IR In  Bezel Color Black  Rezel Width 4.4 mm (L/R), 5.9 mm (T/B)  Monitor Dimension (W x H x D) 2,158.3 x 611.2 x 84.8 mm  Physical Specification  Physical Carton Dimensions (W x H x D) 2,274 x 717 x 212 mm  Packed Weight (Head) 33.3 s kg  Carton Dimensions (W x H x D) 2,274 x 717 x 212 mm  Packed Weight 517.8 (Pallet included)  Handle Yes  VESA™ Standard Mount Interface 600 x 400 mm  Internal Memory BGB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB  Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No. Signa), DPM, PM Mode, Wake on LAN, HDMI-CEC®, webRTC, Si Server Setting  Power Dyn Mode, Wake on LAN, HDMI-CEC®, webRTC, Si Server Setting  Power Typ. / Max. 455.0 W. 53.0 W  Consumption Smart Energy Saving 100-240V-, 50/60Hz  Power Typ. / Max. 455.0 W. 53.0 W  Consumption Smart Energy Saving 110-240V-, 50/60Hz  EMC Fer / Energy Star Yes (Class ** /* Ce / KC  EMC Fer / Energy Star Yes (Class ** /* Ce / KC  EMC Fer / Energy Star Yes (Content Manager) Control Manager, Smart Energy Saving, DMM, Media Players  Compatibility Software Control Montroring Software SuperSign Control (Control) Fer SuperSign Control (Control) SuperSign C	Panel	Dynamic CR	500,000:1 (Typ)
Surface Treatment Lifetime Operation Hours Orientation Operation Operation Operation Operation Operation Operation Operation Output Output Output Output Operation Ope		Viewing Angle (H x V)	178 x 178
Lifetime S0,000 hrs (Typ.) Operation Hours 24Hrs / 7Days Orientation Landscape & Portrait Input HDMI (3), DP, DVI-D, Audio, USB 2.0 (2) Output DP, Audio External Control RS232C In/Out, RIAS In/Out, RIA In Bezel Color Black Bezel Width 4.4 mm (L/R), 5.9 mm (T/B) Monitor Dimension (W x H x D) 2,158.3 x 611.2 x 84.8 mm Weight (Head) 33.9 kg Specification Carton Dimensions (W x H x D) 2,274 x 717 x 212 mm Packed Weight Flead) 51.7 kg (Pallet included) Handle Yes VESA** Standard Mount Interface 600 x 400 mm Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting, Logo, No Signal) Content Syru (RS-232C/Local Network), DBP (4), Payla via URL, DS/Content Rotation, Tile Mode Setting (Max. 15x 15) Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®*, Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC®, webRTC, Sci Server Setting  Environment Conditions Operation Temperature Range 0°C to 40°C to 40°C Operation Humidity Range 10 % to 80 %  Power Supply 100-240V-, 50/60Hz Power Type Built-In Power FMC FCC Class**A* / CE / KC Er/ Penergy Star Yes / N/A  Media Players Compatibility External Media Player Attatchable No Control Management Software SuperSign CMS Control and Monitoring Software Control and Monitoring Software Control and Monitoring Software Control and Monitoring Software Signage 365Care Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		Response Time	8ms (G to G BW, Typ)
Operation Hours		Surface Treatment	AGLR (Haze 3%)
Orientation		Lifetime	50,000 Hrs (Typ.)
Input		Operation Hours	24Hrs / 7Days
Connectivity  Output  External Control  External Control  RS232C In/Out, R145 In/Out, R16 In  Bezel Color  Black  Bezel Width  A4 mm (L/R), 5.9 mm (T/B)  Monitor Dimension (W x H x D)  Physical  Specification  Physical  Specification  Carton Dimensions (W x H x D)  Packed Weight  Handle  VESA™ Standard Mount Interface  Internal Memory 8G8(System 4G8, Available 4G8), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB  Auto Playback, Local Contents Scheduling, Group Manager, Fallover, Image Customization (Booting Logo, No Signal), Content Sync,(RS-232C/Local Network), DBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15x15) Setting Data Cloning (RS-232C/Local Network/USB), Crestron Connected®*, Control Manager, Smart Energy Saving, DPM  Physical  Environment  Conditions  Operation Temperature Range  Operation Humidity Range  Power Type  Built-In Power  Power Type  Built-In Power  Power Type Built-In Power  Power Type / Max. Consumption Smart Energy Saving  210 W  Safety IEC 60950-1 / EN 60950-1 / UL 60950-1  EMC  ErP / Energy Star  Yes / N/A  Media Players  Compatibility  Software  Control and Monitoring Software  Control and Monitoring Software  Control and Monitoring Software  Signage 365Care  Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		Orientation	Landscape & Portrait
External Control   RS232C In/Out, R145 In/Out, IR In	Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)
Bezel Color		Output	DP, Audio
Physical Specification  Physical Specification  Physical Specification  Physical Specification  Packed Weight (Head) 33.9 kg  Carton Dimensions (W x H x D) 2,274 x 717 x 212 mm  Packed Weight Flandle Yes  VESA™ Standard Mount Interface 51.7 kg (Pallet included)  Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync.(RS-232C/Local Network), PBP (4), Play vai URIL, OSD/Content Rotation, Tile Mode Settling (Max. 15x15') Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®¹, Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC⁻³, webRTC, SI Server Settling  Power Operation Humidity Range 0°C to 40 °C  Operation Humidity Range 10°C to 40°C  Operation Humidity Range 10°C to 40°C  Power Type Built-in Power  Power Type Built-in Mi-Fi, Temperature Sensor, Auto Brightness Sensor, USB  Power Type Built-in Will Type Type Type Type Type Type Type Type		External Control	RS232C In/Out, RJ45 In/Out, IR In
Physical Specification  Weight (Head) Specification  Weight (Head) Specification  Carton Dimensions (W x H x D) Packed Weight Handle VESA™ Standard Mount Interface  Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync(RS-232C/Local Network/, BPR(4), Play us URL, OSD/Content Rotation, Tile Mode Settling (Max. 15x15) Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®¹¹, Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC²¹, webRTC, SI Server Setting  Power Operation Humidity Range  O°C to 40°C Operation Humidity Range  O°C to 40°C Operation Humidity Range  O°C to 40°C Operation Humidity Range  Power Type Built-In Power  Power Type Asam 450 W / 530 W Consumption Smart Energy Saving 210 W  Safety Bergy Saving 210 W  Safety Bergy Saving Yes / NUA  Media Players Compatibility  Pos Type Compatible Fexternal Media Player Attatchable No  Content Management Software Control and Monitoring Software SuperSign Control/Control+ Signage 365Care Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)	,	Bezel Color	Black
Physical Specification  Weight (Head) Says y Carton Dimensions (W x H x D) Specification  Packed Weight Handle Ves  VESAPW Standard Mount Interface  Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wil-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync, (RS-232C/Local Network), PBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15×15) Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®), Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC®, webRTC, SI Server Setting  Power  Conditions  Power Supply Dover Type Built-In Power  Power Type Built-In Power  Power Type Built-In Power  Safety Safety Safety Safety Setting Data Cloning (RS-232C Network) Smart Energy Saving Safety Setting Data Cloning (RS-232C Network) Smart Energy Saving Safety Setting Data Cloning (RS-23C Network) Setting Data Cloning Setting Manager, Failover, Inwife Sensor, USB Setting Data Cloning Setting Manager, Failover, Inwife Sensor, USB Setting Data Cloning Setting Manager, Failover, Inwife Sensor, USB Setting Data Cloning Setting Manager, Failover, Inwife Sensor, USB Setting Data Cloning Sensor, U		Bezel Width	4.4 mm (L/R), 5.9 mm (T/B)
Carton Dimensions (W x H x D)   2,274 x 717 x 212 mm		Monitor Dimension (W x H x D)	2,158.3 x 611.2 x 84.8 mm
Packed Weight 51.7 kg (Pallet included) Handle Yes  VESA <sup>M</sup> Standard Mount Interface 600 x 400 mm  Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wir-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync (RS-232C/Local Network), PBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15x15); Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®), Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC®, webRTC, SI Server Setting  Power Operation Humidity Range 0°C to 40°C Operation Humidity Range 10% to 80%  Power Supply 100-240V-, 50/60Hz Power Type Built-In Power  Pow		Weight (Head)	33.9 kg
Handle  VESA™ Standard Mount Interface  Features  Special Features  Feature		Carton Dimensions (W x H x D)	2,274 x 717 x 212 mm
VESA™ Standard Mount Interface   G00 x 400 mm		Packed Weight	51.7 kg (Pallet included)
Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync(RS-232C/Local Network), PBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15×15) Setting Data Cloning (RS-232C/Network/USB), Crestron Connected®), Control Manager, Smart Energy Saving, DPM PM Mode, Wake on LAN, HDMI-CEC <sup>21</sup> , webRTC, SI Server Setting    Power		Handle	Yes
Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync.(RS-232C/Local Network), PBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15×15)		VESA™ Standard Mount Interface	600 x 400 mm
Power Supply	· ·	Auto Playback, Local Contents Scheduling, Group Manager, Failover, Image Customization (Booting Logo, No Signal), Content Sync (RS-232C/Local Network), PBP(4), Play via URL, OSD/Content Rotation, Tile Mode Setting (Max. 15×15), Setting Data Cloning (RS-232C/Network/USB), Crestron Connected <sup>® 1</sup> , Control Manager, Smart Energy Saving, DPM,	
Power Supply	Environment	Operation Temperature Range	0 °C to 40 °C
Power Type	Conditions	Operation Humidity Range	10 % to 80 %
Power Type	Power		100-240V-, 50/60Hz
Power   Consumption   Typ. / Max.   450 W / 530 W			Built-In Power
Sandard (Certification)		Power Typ. / Max.	450 W / 530 W
Standard (Certification)  EMC FCC Class "A" / CE / KC ErP / Energy Star Yes / N/A  Media Players Compatibility  Software Compatibility  Control and Monitoring Software Signage 365Care  Compatibility  EMC FCC Class "A" / CE / KC Yes / N/A  Yes Yes  No  Content Management Software SuperSign CMS  SuperSign Control / Control + Signage 365Care  Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		Consumption Smart Energy Saving	210 W
EMC   FCC Class "A" / CE / KC		Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1
Media Players Compatibility  Software Compatibility  Control and Monitoring Software Compatibility  Accessories  Media Players External Media Player Attatchable  No  Content Management Software Control and Monitoring Software SuperSign Control/ Control+ Signage 365 Care  Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		EMC	FCC Class "A" / CE / KC
Compatibility         External Media Player Attatchable         No           Software Compatibility         Content Management Software         SuperSign CMS           Control and Monitoring Software         SuperSign Control/ Control+           Signage 365Care         Yes           Basic         Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		ErP / Energy Star	Yes / N/A
Software Compatibility  Control and Monitoring Software SuperSign Control/ Control+ Signage365Care SuperSign Control/ Control+ Signage365Care SuperSign Control/ Control+ Signage365Care Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		OPS Type Compatible	Yes
Software Compatibility  Control and Monitoring Software SuperSign Control/ Control+ Signage 365Care  SuperSign Control/ Control+ Yes  Accessories  Basic Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		External Media Player Attatchable	No
Compatibility  Control and Monitoring Software  SuperSign Control/ Control+  Signage 365 Care  Yes  Accessories  Basic  Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		Content Management Software	SuperSign CMS
Signage 365 Care Yes  Accessories  Basic Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)		Control and Monitoring Software	SuperSign Control/ Control+
Accessories		Signage365Care	Yes
Optional KT-OPSA(OPS Kit)	Accessories	Basic	Remote Controller, Power Cord, DP (2.6M), RS-232C Cable (3M)
	Accessories	Optional	KT-OPSA(OPS Kit)

<sup>1)</sup> Network based control 2) Compatibility may differ by equipment



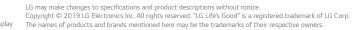
4 HDMI(2) In 2.0



8 DVI-D In







HDMI"



<sup>\*</sup> Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG salesteam to verify before ordering.