LG

Hydroelectric Power Plant
How Hydroelectricity Drives Clean Energy
HYDRO ELECTRICITY

* All images are for illustrative purposes only.

Stretch Signage 105BM5P

Experience a Whole New Level of Viewing with Our 21:9 Widescreen Display

21:9 21:9 Wide Screen

Remote Device Management
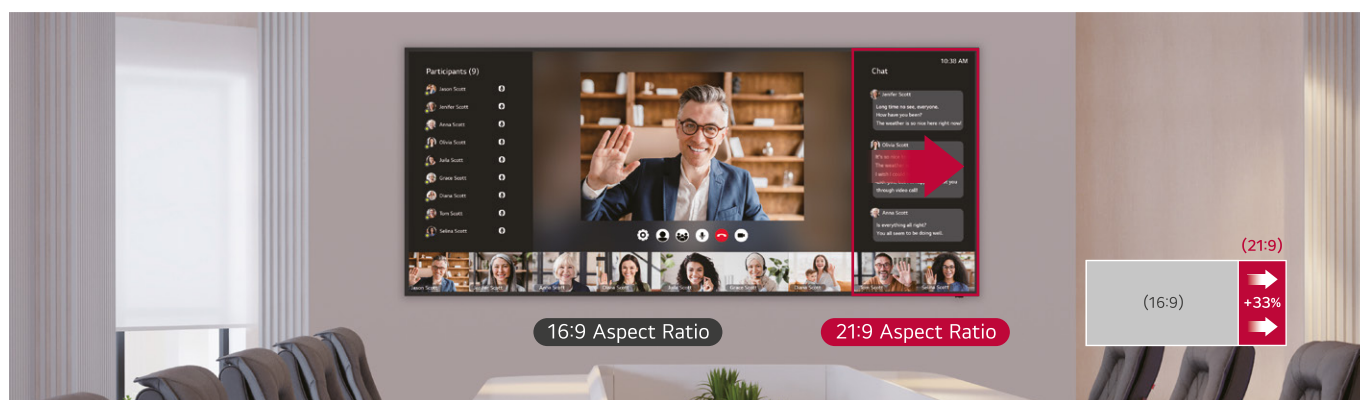
Ultra High Resolution

Wireless ScreenShare

BM5P	
Size	266.7 cm (105)
Resolution	5,120 × 2,160 (5K)
Brightness	440 nits (Typ.), 385 nits (Min.)
Product Size	2,490 × 1,074 × 77 mm

Life's Good.

16:9 Aspect Ratio

21:9 Aspect Ratio

(21:9)

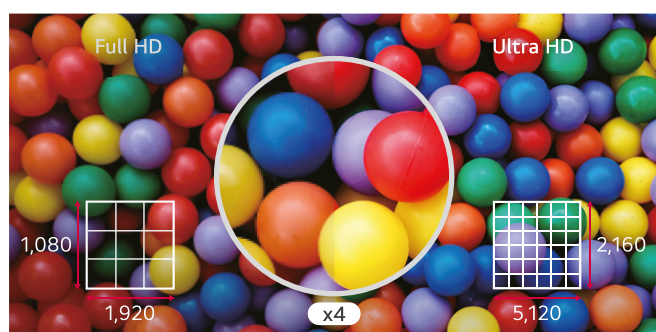(16:9) +33%

21:9 Extended Wide Format

With support for a 21:9 widescreen aspect ratio, 105BM5P provides an immersive viewing experience with the wider screen than 16:9 display. Its screen specialization helps display 21:9 content including widescreen videoconferencing platforms with the natural details.
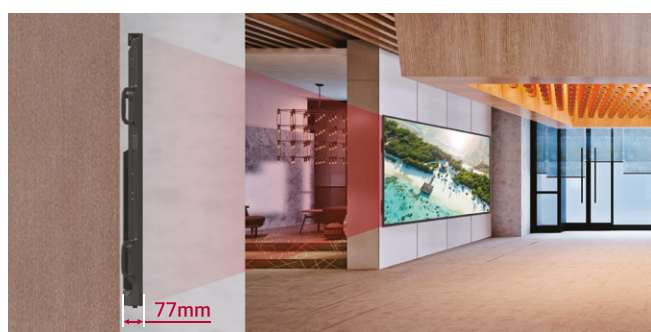

Portrait / Landscape Mode

The 105BM5P offers versatile usage, with the ability to be used in both vertical and horizontal orientations. This flexibility allows it to adapt to various installation and usage scenarios.

* The orientation must be manually adjusted when changing the installation direction.

Full HD | Ultra HD

1,080 | 2,160

1,920 | x4 | 5,120

High Resolution Display

It provides a resolution that's more than 4 times higher than FHD, making the viewer satisfied visually. With a resolution of 5,120 × 2,160 and a high pixel density, every single detail of the display screen is conveyed vividly.

77mm

Slim Depth Design

The 105BM5P stands out with its slim bezel and sleek depth design with reduced weight. Not only does it save space, but it also facilitates easy installation, making it an ideal choice for a variety of settings.

* We recommend professional installation. If you choose to install it yourself, please ensure that at least two people are involved.

Data Transmission

Up to 100W Charging

Easily Connect & Charge with USB Type-C

USB Type-C connectivity simplifies connections which enables charging and sending data simultaneously over just one single cable.

* USB Type-C cables are sold separately.

Wireless ScreenShare

The 105BM5P offers a wireless screen sharing feature, known as LG CreateBoard Share, allowing for easy sharing of presentation materials wirelessly, thus eliminating the clutter of wires. This enables users to show up to 9 shared screens or a file on a screen in real-time when the LG CreateBoard Share app is installed on the device. Also, files from the host can be easily sent to any devices connected to the app.

* LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network.
* For a more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).

OPS Slot

105BM5P supports OPS slots, allowing you to conveniently mount OPS Module at the back of the screen without the hassle of connecting to an external desktop, enabling various PC functions and Windows software even on the 105BM5P.

* OPS : Open Pluggable Specification
* OPS Player for 105BM5P supports 4K output and is sold separately.

LG ConnectedCare DMS

LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of devices. This feature enables IT managers to manage important resources on operating devices without physically visiting sites.

* LG ConnectedCare DMS needs to be purchased separately.
* The availability of the LG ConnectedCare DMS service differs by region, so please contact the LG sales representative in your region for more details.
* LG ConnectedCare DMS supports TV Signage (UM340E, UR640S), LG CreateBoard (TR3 Series) and Stretch Signage (105BM Series) as of now (plus more to come) under a cloud environment.
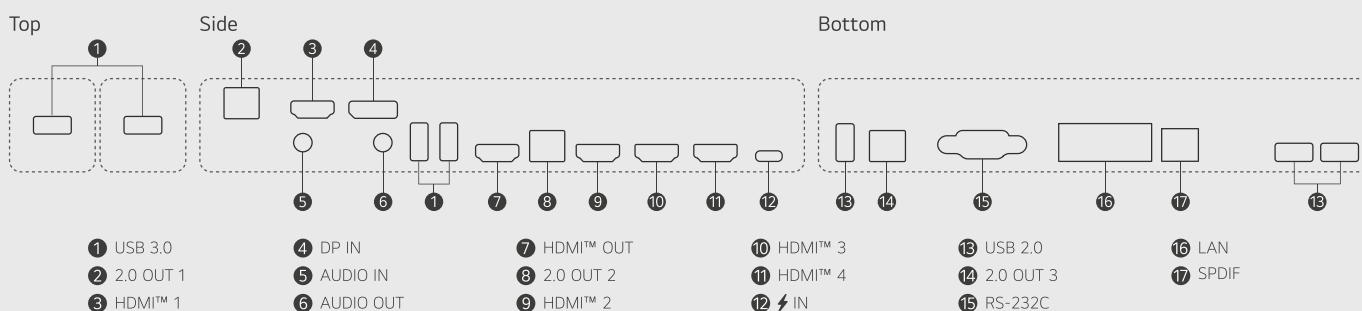

Remote Control

Thanks to LG ConnectedCare DMS, IT manager can select specific devices to be controlled remotely and update their settings all at once. General settings, power settings, application management, and multimedia can all be effectively managed and controlled simultaneously, enabling the stable operation of clients' businesses.

Broadcast / Alert Message

Messages and a range of other content can be sent from the main system's hub to individual devices connected to LG ConnectedCare DMS and you can easily display important company notices or schedules right on your device. In case of urgent occasions such as a fire or a natural disaster, alert messages can be distributed manually across the system, which helps people promptly take a safety action.

CONNECTIVITY

Top   Side   Bottom

❶ USB 3.0	❹ DP IN	❼ HDMI™ OUT	❿ HDMI™ 3	⓭ USB 2.0	⓰ LAN
❷ 2.0 OUT 1	❺ AUDIO IN	❽ 2.0 OUT 2	⓫ HDMI™ 4	⓮ 2.0 OUT 3	⓱ SPDIF
❸ HDMI™ 1	❻ AUDIO OUT	❾ HDMI™ 2	⓬ ⚡ IN	⓯ RS-232C	

Specification

Model Name		105BM5P
Panel	Screen Size	266.7 cm (105)
	Panel Technology	IPS (ADS)
	Back Light Type	Direct
	Aspect Ratio	21:9
	Native Resolution	5120 x 2160 (5K)
	Refresh Rate	60 Hz
	Brightness	440 nits (Typ.)
	Contrast Ratio	1,200:1
	Dynamic CR	5,000:1
	Color Gamut	NTSC 72%
	Viewing Angle (H x V)	178 X 178
	Color Depth (Number of Colors)	10bit (8bit + FRC)
	Response Time	8 ms (G to G)
	Surface Treatment (Haze)	25%
	Life time	50,000Hrs (Min.)
	Operation Hours (Hours / Day)	16 / 7
	Portait / Landscape	Yes / Yes
Product Feature	CPU	A76 x 4 + A55 x 4
	GPU	Mali-G610 MP4
	Memory (RAM)	8 GB
	Storage	64 GB
	Wi-Fi	802.11a/b/g/n/ac/ax (WiFi 6)
	LAN	Gigabit LAN
	Bluetooth	Bluetooth 5.2
	OS ver. (Android)	Android 13.0 (AOSP)
Sound	Speaker (Built-in)	Yes (16 W x 2 + 15 W)
Connectivity (Jack Interface)	HDMI In	Yes (4), HDCP2.3
	DP In	Yes (1), HDCP2.3
	Audio In	Yes (1)
	RS232C In	Yes (1)
	RJ45 (LAN) In	Yes (1)
	USB In	USB 3.0 TypeA (4), USB 2.0 TypeA (3), USB Type C (1), USB 2.0 TypeB Out (3)
	HDMI Out	Yes (1)
	Audio Out	Yes (1), Optical O (1, SPDIF)
	RJ45 (LAN) Out	Yes (1)
Mechanical	Bezel Color	Black
	Bezel Width	T/R/L/B : 18/18/18/18 mm
	Weight (Head)	54.1 Kg
	Packed Weight	75.9 Kg
	Monitor Dimensions (W x H x D)	2490 x 1074 x 77 mm
	Carton Dimensions (W x H x D)	2668 × 280 × 1233 mm
	Handle	Yes
	VESA™ Standard Mount Interface	1000 x 600
HW Feature	Internal Memory (eMMC)	64 GB
	Wi-Fi / BT (Built-in)	Yes (Slot Type)
	Auto Brightness Sensor	Yes
	Power Indicator	Yes
	Local Key Operation	Yes (Power Key)
SW Feature	OS Ver. (webOS)	Android 13.0 (AOSP)
	USB Plug & Play	Yes
	Fail over	Yes
	PIP	Yes (1 external source)
	Screen Share	Yes (LG CreateBoard Share)
	Crestron Connected	Yes
	PM mode	Yes
	Wake on LAN	Yes
	Network Ready	Yes
	HDMI-CEC	Yes
Environment Conditions	Operation Temperature	0 °C to 40 °C
	Operation Humidity	10 % to 90 %
Power	Power Supply	AC 100 - 240 V~, 50 / 60 Hz
	Power Type	Built-In Power
Power Consumption	Typ.	412 W
	Max.	632 W
	BTU (British Thermal Unit)	1406 BTU/Hr (Typ.), 2156 BTU / Hr (Max)
	DPM	≤0.5 W
	Power off	≤0.5 W
Certification	Safety	CB / NRTL (cULus)
	EMC	FCC Class "A" / CE
	ERP / Energy Star	Yes / Yes
OPS Compatibility	OPS Type compatible	Yes (Slot)
	OPS Power Built-in	Yes
Software Compatibility	Connected Care	Yes (LG ConnectedCare DMS)
Language	OSD	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil) Russian, Portugues (Europe), Dutch, Czech, Greek, Türkiye, Swedish, Finnish, Norwegian, Danish
Accessory	Basic	Power cord, HDMI Cable, Remote Controller Remote battery, SI07B, Wall Mount
Special Feature	Conformal Coating (Power Board)	Yes

Creative Visualization
*Product Images shown are for representative purpose only. Actual product may vary.
As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Color/shades may vary due to printing restrictions. E&OE.