





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

## Stretch Signage 105BM5P

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

 21:9 Wide Screen

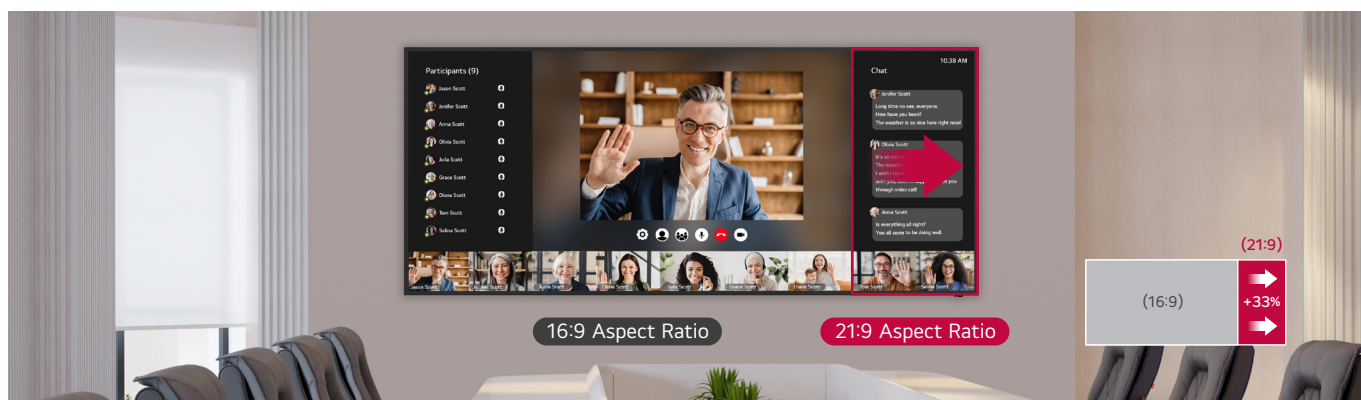
 Remote Device Management

 Ultra High Resolution

 Wireless ScreenShare

### 105BM5P

Size	105"
Resolution	5,120 × 2,160 (5K)
Brightness	440 nit (Typ.), 385 nit (Min.)
Product Size	98 x 42.3 x 3 in. 2,490 × 1,074 × 77 mm



## 21:9 Extended Wide Format

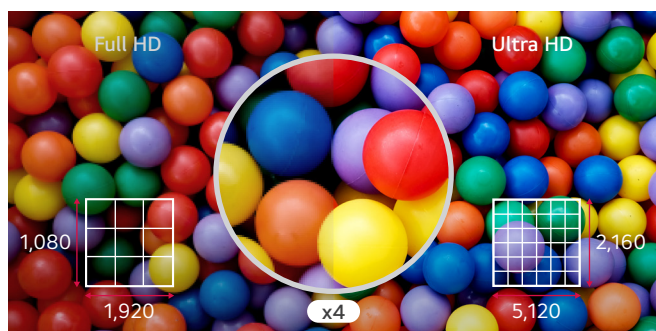
With support for a 21:9 widescreen aspect ratio, 105BM5P provides an immersive viewing experience with the wider screen than 16:9 display. Its screen specialization helps display 21:9 content including widescreen videoconferencing platforms with the natural details.



## 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.



## High Resolution Display

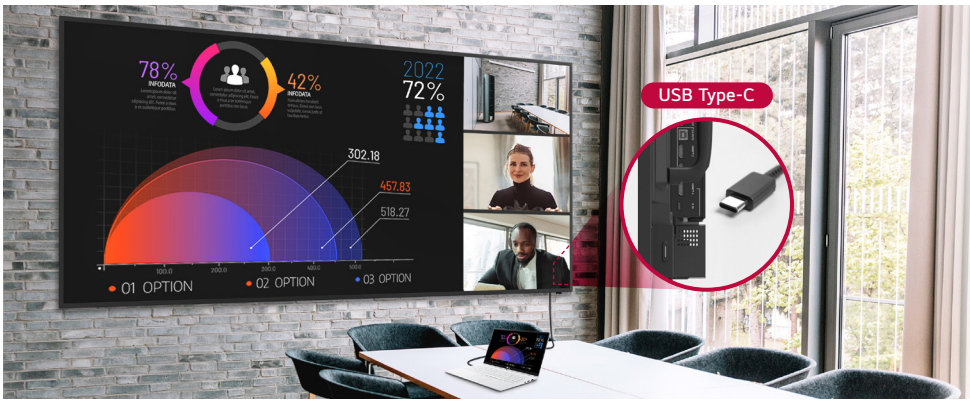
It provides a resolution that's more than 4 times higher than FHD, making the viewer satisfied visually. With a resolution of 5,120 × 2,160 and a high pixel density, every single detail of the display screen is conveyed vividly.



## 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 supports app-less sharing for PC (via website) and mobile devices within the same network; however, for a more stable connection, we recommend installing the dedicated LG CreateBoard Share app.



## 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) 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, which needs to be purchased separately, supports TV Signage (UM340E, UR640S), LG CreateBoard (TR3 Series), and Stretch Signage (105BM Series) under a cloud environment, with availability varying by region; please contact your local LG sales representative for more details.



### Remote Control

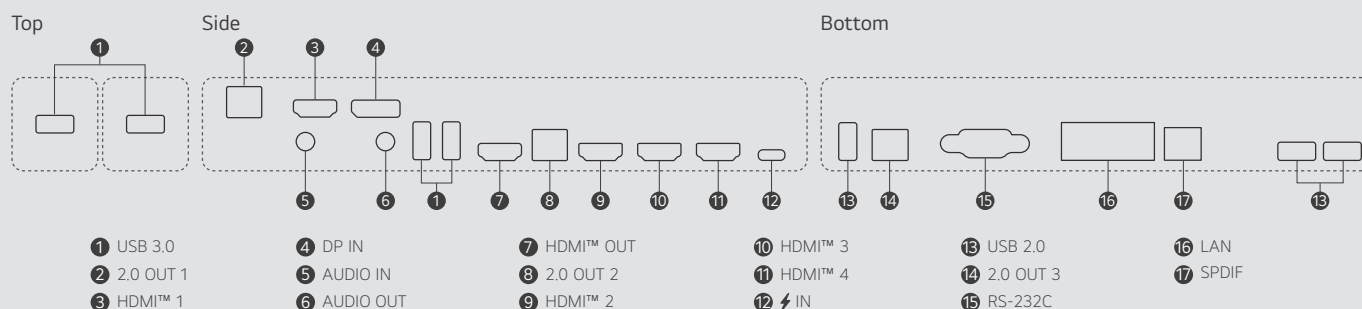
Thanks to LG ConnectedCare DMS, IT manager can select specific devices to be controlled remotely and update their settings all at once. General settings, power settings, application management, and multimedia can all be effectively managed and controlled simultaneously, enabling the stable operation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



## SPECIFICATIONS

		105BM5P	
Panel	Screen Size (Inch)	105"	
	Panel Technology	Direct	
	Aspect Ratio	21:9	
	Native Resolution	5,120 × 2,160 (5K)	
	Refresh Rate	60 Hz	
	Brightness	440 nits (Typ.), 385 nits (Min.)	
	Contrast Ratio	1,200:1	
	Dynamic CR	5,000:1	
	Color Gamut	NTSC 72%	
	Viewing Angle (H × V)	178 × 178	
	Color Depth	10 bit (8 bit + FRC)	
	Response Time	8 ms	
	Surface Treatment (Haze)	25%	
	Lifetime**	Up to 50,000 Hours	
Operation Hours (Hours / Day)	16/7		
Portrait / Landscape	Yes / Yes		
Connectivity (Jack Interface)	Input	HDMI (4, HDCP 2.3 (HDMI 2.1 (1), HDMI 2.0 (3))), DP (HDCP 2.3), Audio In, RS-232C In, RJ45 (LAN), USB Type-C (100 W PD, DP-Alt), USB 3.0 Type-A (4), USB 2.0 Type-A (3), USB 2.0 Type-B Out (3)	
	Output	DP Out (HDMI Out), Audio Out (Optical (SPDIF)), RJ45 (LAN)	
Mechanical	Bezel Color	Black	
	Bezel Width	18 / 18 / 18 / 18 mm (T/R/L/B)	
	Weight	119.3 lb. / 54.1 kg	
	Packed Weight	167.3 lb. / 75.9 kg	
	Monitor Dimensions (W × H × D)	98 x 42.3 x 3 in. 2,490 × 1,074 × 77 mm	
	Carton Dimensions (W × H × D)	105 x 11 x 48.5 in. 2,668 × 280 × 1,233 mm	
	Handle	Yes	
VESA™ Standard Mount Interface	1,000 × 600 mm		
Key Features	Internal Memory (64 GB), Wi-Fi (Slot Type), Auto Brightness Sensor, Power Indicator, Local Key Operation (Power Key), Android 13.0 (AOSP), USB Plug & Play, Fail Over, Multi-screen (External Source), Screen Share (LG CreateBoard Share), 3rd Party Compatibility (Crestron v2.0), PM Mode, Wake on LAN, Network Ready, HDMI-CEC		
Environment Conditions	Operation Temperature	32°F to 104°F / 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. / Max.	412 W / 632 W
		BTU (British Thermal Unit)	1,406 BTU/Hr (Typ.), 2,156 BTU/Hr (Max.)
		DPM	≤0.5 W
Power Off	≤0.5 W		
Sound	Speaker	16 W × 2 + 15 W	
Regulatory & Certifications	Safety	UL / cUL	
	EMC	FCC Class "A" / CE	
	ERP / Energy Star	Yes / Yes	
OPS Compatibility	OPS Type Compatible	Yes (Slot)	
	OPS Power Built In	Yes	
Software Compatibility	LG ConnectedCare DMS		
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Russian, Portugues (Europe), Dutch, Czech, Greek, Türkiye, Swedish, Finnish, Norwegian, Danish		
Warranty & Accessories	Warranty	3 Year Limited	
	Basic Accessories	Power Cord, HDMI Cable, Remote Controller, S107B, Wall Mount	
	Optional Accessory	OPJS-5LDJA (4K)	
Android System	SoC (A76×4 + A55 × 4), GPU (Mali-G610 MP4), Internal Memory (Storage (64 GB), RAM (8 GB)), Wi-Fi (802.11a/b/g/n/ac/ax (Wi-Fi 6)), Gigabit LAN, Bluetooth 5.2		
Product Dedicated Features	DPM, Power On/Off Schedule, Power On Default (Auto Power On), Customized Background, Input Auto Switching, LG RS-232C Command, Power on Status, No Signal Power Off, No IR Power Off, 100 W PD (w/USB-C)		

\* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

\*\* Lifetime spec does not supersede the 3-year limited warranty.