





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

Stretch Signage 105BM5N

21:9 Widescreen Display Optimized for Business Environments

 21:9 Wide Screen

 Proximity Sensor

 Ultra High Resolution

 Wireless ScreenShare

105BM5N

Size	105"
Resolution	5,120 × 2,160 (5K)
Brightness	400 nits (Typ.)
Product Size	98.8 × 44.2 × 3.7 in.



21:9 Extended Wide Format

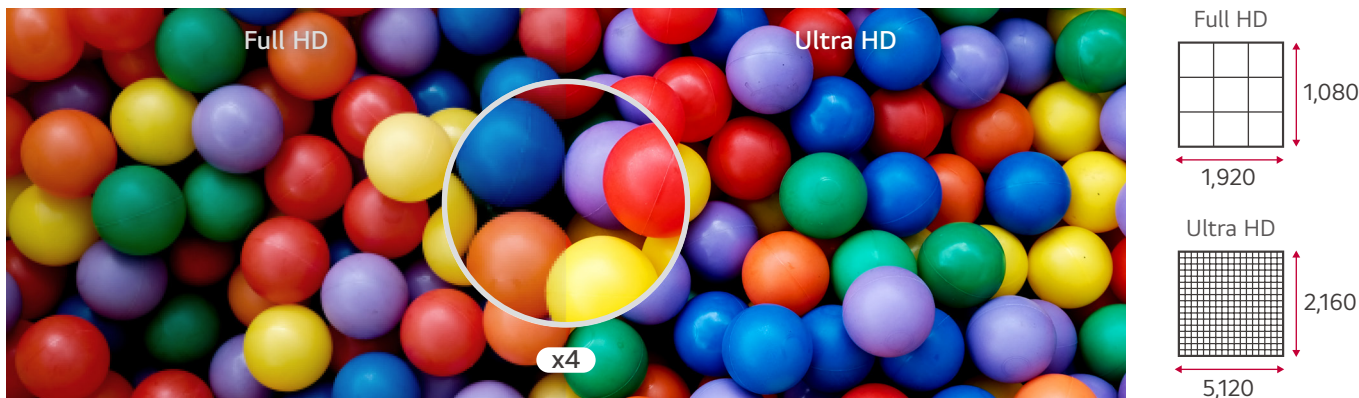
With support for a 21:9 widescreen aspect ratio, 105BM5N provides an immersive viewing experience with the wider screen than 16:9 display. Its screen specialization helps display 21:9 content including widescreen videoconferencing platforms with the natural details.



Proximity Sensor

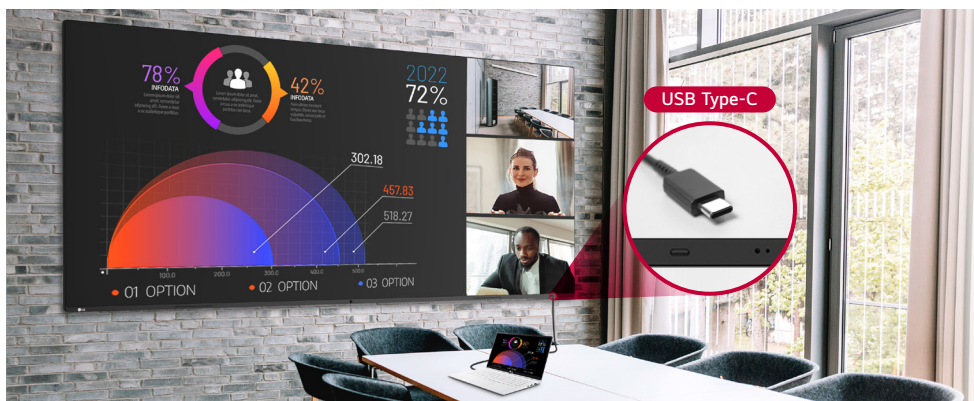
The 105BM5N features a Proximity Sensor* positioned in the middle of its base. This sensor monitors for human activity, and when no movement is observed, it can transition the power to a standby mode.

* Proximity Sensor operates smoothly within a range of 3 meters in an obstacle-free environment.



High Resolution Display

Offering a resolution over four times greater than FHD, it ensures a visually satisfying experience. Boasting a 5,120 × 2,160 resolution and a high pixel density, the display accurately and vividly conveys virtually every intricate detail.



Data Transmission



Up to 100W Charging

Easily Connect & Charge with USB Type-C

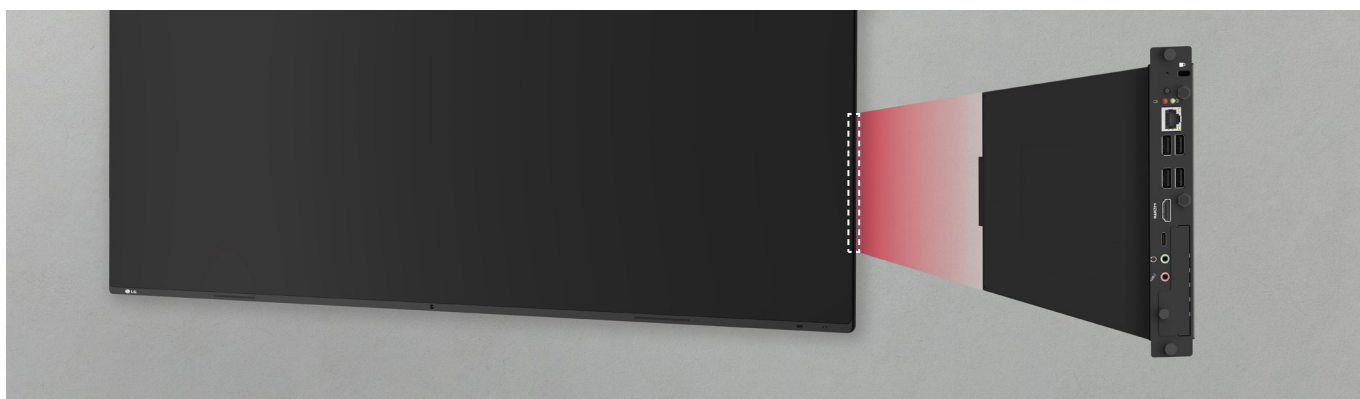
USB Type-C* connectivity simplifies connections which enables charging and sending data simultaneously over just one single cable.

* USB Type-C cables are sold separately.



Wireless ScreenShare

Using the LG CreateBoard Share allows for the seamless wireless screen sharing of presentation materials, eliminating the clutter of wires and leading to a more streamlined meeting space. 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.



OPS Slot

105BM5N 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 105BM5N.

*OPS (Open Pluggable Specification) Player for 105BM5N sold separately, supporting 4K output.

LG ConnectedCare DMS

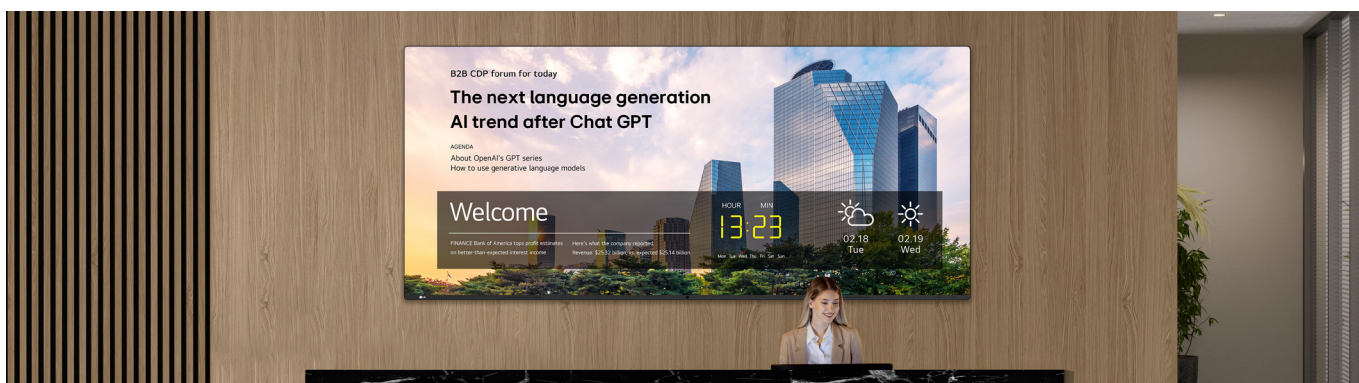
LG ConnectedCare DMS* is a cloud solution for remotely monitoring, controlling, and managing the status of devices. This feature enables IT managers to manage important resources on operating devices without physically visiting sites.

*LG ConnectedCare DMS, which supports LGTV Signage (UM340E, UR640S), LG CreateBoard (TR3DK, TR3DJ, TR3PJ), and LG Stretch Signage (105BM5N) in a cloud environment, requires a separate purchase. Availability varies by region, so please contact your LG sales representative for specific 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.

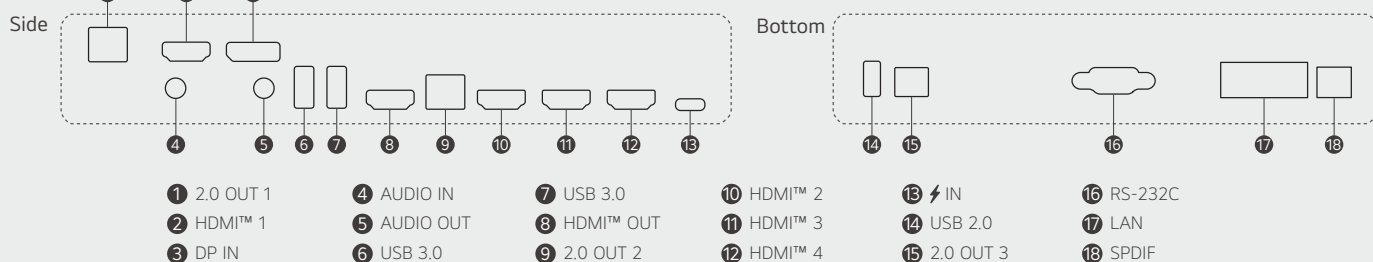


Broadcast / Message

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 have the ability to be distributed manually across the system.

CONNECTIVITY

105"



SPECIFICATIONS

105BM5N

Panel	Diagonal	105"		
	Panel Technology	Direct		
	Aspect Ratio	21:9		
	Native Resolution	5,120 x 2,160 (5K)		
	Refresh Rate	60 Hz		
	Brightness (Typ.)	Up to 400 nits		
	Contrast Ratio	4,000:1		
	Dynamic CR	5,000:1		
	Color Gamut	NTSC 72%		
	Viewing Angle (H x V)	178° x 178°		
	Color Depth	10 bit (8 bit + FRC)		
	Response Time	6.5 ms		
	Surface Treatment (Haze)	25%		
	Lifetime	Up to 30,000 hrs.		
Operation Hours (Hours / Day)	16 / 7			
Portrait / Landscape	No / 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	3.5 / 3.5 / 3.5 / 23 mm (T/R/L/B)		
	Weight	198.6 lbs. / 90.1 kg		
	Packed Weight	270.9 lbs. / 122.9 kg		
	Dimensions (W x H x D)	98.8 x 44.2 x 3.7 in. 2,510.6 x 1,123.1 x 93.6 mm		
	Shipping Dimensions (W x H x D)	105.0 x 11.0 x 51.4 in. 2,668 x 280 x 1,305 mm		
	Handle	Yes		
	VESA™ Standard Mount Interface	1,000 x 400 mm		
	Protection Glass	Depth	4 mm	
		Degree of Protection	Full Toughening	
Tempered/ Chemical Strengthening		Thermal Tempering		
Anti-Reflective		5%		
Shatter-proof	Yes			
Key Feature	Internal Memory (64 GB), Wi-Fi (Slot Type), Auto Brightness Sensor, Proximity Sensor, Power Indicator, Local Key Operation (Power Key), Android 13.0 (AOSP), USB Plug & Play, Screen Share (LG CreateBoard Share), Wake on LAN, Network Ready, HDMI-CEC			
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. / Max	350 W / 850 W	
		BTU (British Thermal Unit)	1,194 BTU/Hr (Typ.), 2,900 BTU/Hr (Max.)	
	DPM	≤0.5 W		
	Power Off	≤0.5 W		
Sound	Speaker	16 W x 2 + 15 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	LG ConnectedCare DMS			
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil) Russian, Portugues (Europe), Dutch, Czech, Greek, Türkiye			
Accessory	Basic	Power Cord, HDMI Cable, Remote Controller, SI07B, Wall Mount		
	Optional	OPSI-5LDJA (4K)		
Android System	SoC (A76 x 4 + A55 x 4), GPU (Mail-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 Feature	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)			
Warranty	3 Year Limited			

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