

# Specifications

Model		SM85HX	
Display Panel	Diagonal Size	85	
	Class Measured	84.5	
	Resolution	2,160 x 3,840 (9:16)	
	Brightness(Typ.)	500nit	
	Orientation	Portrait	
	Haze	25%	
	Contrast Ratio (Typ.)	4,000:1	
	Type	VA	
	Active Display Area	1,053.01(H) x 1,872.0(V)	
	Pixel Pitch (mm)	0.487 x 0.487	
Color Gamut	72% (NTSC)		
Operation Hour	24/7		
Connectivity / Sound	INPUT	VIDEO	DP1.2 (1), HDMI 2.0 (3)
		AUDIO	N/A
		USB	USB 2.0 x 2
		Tuner	N/A
	OUTPUT	VIDEO	N/A
		AUDIO	Stereo mini Jack
		USB	N/A
		EXTERNAL CONTROL	RS232C(in/out), RJ45
	Speaker		10W 2ch
	Mechanical Spec	Dimension (mm)	Set
Package			2,093 x 1,234 x 220
Weight (kg)		Set	49
		Package	61.9
VESA Mount			400 x 600
VESA Mount Screw (Min-Max)			M8, L18-20
Bezel Width (mm)		21.0(Even)	
Design	Bezel Color		Charcoal Black
Features	Key	UHD Signage with Built-in MagicInfo S10, SSSP10.0	
	Internal Player	Operating System	Tizen 7.0
		Processor	CA731.6GHz Quad-Core
		Storage (FDM)	16 GB(10 GB available)
Special	H/W	Virtual 3D Spatial Effect, 2nd Gen. B2B Design, Center IR, Temperature Sensor, Ambient Sensor, Auto Level, Wi-Fi(2.4/5.0GHz dual) & BT	
	S/W	Signage New Home, Workspace (Microsoft365/RDP), Custom Home, Auto Source Switching & Recovery, Upgradable Web-Engine, Tizen Enterprise Platform, HDR support	
Certification	Safety	60950-1 / 62368-1	
	EMC	Class A	
	Environment	-	
	IP Rating	IP5x	
Power	Security	802.1 x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP, WPA3-Personal	
	Power Supply	AC100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	TBD
Typical[W/h]		TBD	
Sleep mode		less than 0.5W	
Operating Condition	Temperature	0°C - 40°C	
	Relative Humidity	10-80%	
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, RS232C(IN) Gender, Remote Controller & Batteries	
	Optional	Stand	-
		Mount	WMN-B50SC (TBD)
	Specialty		

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## Smart Signage

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# Spatial Signage

## SMHX series

## 3D Showcase – Bring your brand to life

Delivers immersive realism through display innovation. Samsung's Spatial Signage transforms ordinary content into striking 3D visuals that capture attention. Powered by Samsung's 3D plate technology, it adds depth and dimension to any scenes—without special glasses or separately created 3D content. The result is a vivid and engaging visual experience that feels closer to reality.

Beyond its visual performance, Spatial Signage is designed for ease and flexibility. The slim 52mm profile works seamlessly with a slim-fit wall mount, offering clean, space-saving installation in various environment. Samsung VXT with True 3D Enhancer lets businesses easily manage content, adjust 3D effects, and monitor devices remotely.

## Key features



### Virtual 3D Display

Powered by Samsung's 3D plate technology, this display goes beyond your 2D content—bringing it to life in 3D, face-to-face with your audience. Vivid details feel almost within reach, making every moment unforgettable.



### UltraThin Design

Delivering 3D visuals in a 52mm slim profile, Spatial Signage installs as easily as standard signage. Compatible with a slim-fit wall mount, it ensures neat, space-saving installation that blends naturally into various environment—making 3D display integration straightforward and seamless.

\* Slim Fit Wall Mount must be purchased separately.



### True 3D Enhancer

Maximizes the 3D effect for greater impact. Samsung's enhancement solution adds subtle shadow effects to enhance depth perception, making 3D visuals more vivid and impactful.

\* VXT must be purchased separately and the feature's availability may vary by region.



### Samsung VXT

The cloud-based Samsung VXT brings together content management and remote device management capabilities. Remotely manage hardware settings and troubleshoot issues while creating and deploying content effortlessly with no previous training needed.

\* VXT must be purchased separately and the feature's availability may vary by region.

\* Actual UI may differ and is subject to change without notice.