

Specifications

Model			SM55HX-P	SM85HX-P
Display Panel	Diagonal Size	Class	55	85
		Measured	54.6	84.5
	Resolution		2,160 x 3,840(9:16)	2,160 x 3,840(9:16)
	Brightness (Typ.)		500nit	500nit
	Orientation		Portrait	Portrait
	Haze		25%	25%
	Contrast Ratio (Typ.)		4,000:1	4,000:1
	Type		VA	VA
	Active Display Area		680.4(H) x 1,209.6(V)	1,053.01(H) x 1,872.0(V)
	Pixel Pitch (mm)		0.315 x 0.315	0.487 x 0.487
Connectivity / Sound	Color Gamut		72% (NTSC)	72% (NTSC)
	Operation Hour		24/7	24/7
	INPUT	VIDEO	DP 1.2 (1), HDMI 2.0 (3)	DP 1.2 (1), HDMI 2.0 (3)
		AUDIO	N/A	N/A
		USB	USB 2.0 x 2	USB 2.0 x 2
		Tuner	N/A	N/A
	OUTPUT	VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
		USB	N/A	N/A
	WiFi / BT		O / O	O / O
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45
Mechanical Spec	Speaker		10W 2ch	10W 2ch
	Dimension (mm)	Set	724.8 x 1,254.0 x 51.8	1,101.2 x 1,920.2 x 52.0
		Package	1,406.0 x 845.0 x 170.0	2,093 x 1,234 x 220
	Weight (kg)	Set	18.6	49
		Package	24.9	61.9
	VESA Mount		200 x 200	400 x 600
	VESA Mount Screw (Min~Max)		M8, L19~21	M8, L18~20
Design	Bezel Width (mm)		19.7(Even)	21.0(Even)
	Bezel Color		Black	Black
Features	Key		UHD Signage with Built-in MagicInfo S10, SSSP 10.0	UHD Signage with Built-in MagicInfo S10, SSSP 10.0
	Internal Player	Operating System	Tizen 7.0	Tizen 7.0
		Processor	CA73 1.6GHz Quad-Core	CA73 1.6GHz Quad-Core
		Storage (FDM)	16 GB(10 GB available)	16 GB(10 GB available)
	Special	H/W	Virtual 3D Spatial Effect, 2nd Gen. B2B Design, Center IR, Temperature Sensor, Ambient Sensor, Wi-Fi(2.4/5.0GHz dual) & BT Signage New Home, Workspace (Microsoft365/RDP),	Virtual 3D Spatial Effect, 2nd Gen. B2B Design, Center IR Temperature Sensor, Ambient Sensor, Wi-Fi(2.4/5.0GHz dual) & BT Signage New Home, Workspace (Microsoft365/RDP),
		S/W	Custom Home, Auto Source Switching & Recovery, Upgradable Web-Engine, Tizen Enterprise Platform, HDR support	Custom Home, Auto Source Switching & Recovery, Upgradable Web-Engine Tizen Enterprise Platform, HDR support
Certification	Safety		60950-1 / 62368-1	60950-1 / 62368-1
	EMC		Class A	Class A
	Environment		-	-
	IP Rating		IP5x	IP5x
	Security		802.1x(WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP, WPA3-Personal	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP, WPA3-Personal
Power	Power Supply		AC 100 ~ 240 V, 50/60 Hz	AC 100 ~ 240 V, 50/60 Hz
	Power Consumption	Max [W/h]	190	484
		Typical [W/h]	153	340
		Sleep mode	less than 0.5W	less than 0.5W
Operating Condition	Temperature		0°C ~ 40°C	0°C ~ 40°C
	Relative Humidity		10~80%	10~80%
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, RS232C(IN) Gender, Remote Controller & Batteries	Quick Setup Guide, Warranty Card, Power Cord, RS232C(IN) Gender Remote Controller & Batteries
	Optional	Stand	-	-
		Mount	-	WMN-B85SHX (*26.7 MP)
		Specialty		

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Smart Signage

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Spatial Signage

SMHX-P 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 patented 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 offering clean, space-saving installation in various environment. Samsung VXT with AI Studio 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. It ensures neat, space-saving installation that blends naturally into various environment—making 3D display integration straightforward and seamless.



AI Studio

AI Studio makes 3D video creation simple—just upload images and write a prompt to generate video content. Embedded within Samsung VXT, this AI-powered tool converts images into dynamic, 3D-style visuals designed for Spatial Signage, helping businesses create engaging content quickly while reducing production complexity.

* AI Studio app. must be purchased separately.
* 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.