Extreme narrow Bezel

SAMSUNG UH55F-E SMART SIGNAGE VIDEO WALL DISPLAY

Extreme narrow bezel for delivering near-seamless, immersive viewing experience

Highlights

- Extreme narrow bezel-to-bezel width of just 1.7 mm maximizes the effect of a video wall even at close distance

- Deliver a clear image under ambient light with non-glare panels

- The industry's first UHD Video Wall without a need for any additional devices, which allows you to maximize convenience while minimizing expense through having your displays efficiently daisy-chained together.

- Realize near-perfect picture quality and optimum uniformity across all displays thanks to advanced factory tuning and calibration.

- Ensure your message runs continually with highly durable and reliable displays designed for 24/7 operation

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PROMOTE PRODUCTS AND SERVICES WITH GREATER IMPACT BY MINIMIZING VISUAL DISTRACTION OF VIDEO WALLS

Retailers are increasingly considering video walls to elevate the aesthetic design of their stores. Preference for a high-quality display that complements their store environment without overwhelming it is growing among the owners and managers. The UH55F-E SMART Signage video wall display is an excellent choice for designing a video wall. The UH55F-E display has ultra-narrow bezel width of just **1.15** mm (0.045 in) at top and left and **0.55** mm (0.021 in) at bottom and right, resulting in the extremely narrow bezel-to-bezel width of **1.7 mm** (0.067 in). Samsung has put extensive effort in designing and engineering the Extreme narrow bezel to date. With the extremely narrow bezels of the UH55F-E video wall display, the near-seamless picture spreads across multiple displays to captivate and impress customers.

1.7MM

Deliver a clear image under ambient light with non-glare panels

Combined with a non-glare panel, the UH55F-E display is designed to help businesses create memorable video walls even under ambient light.
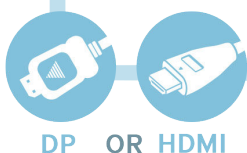By evenly spreading any direct light, non-glare panels provide optimum clarity without having to worry about a distracting glare, which is crucial in a well-lit retail shop environment. The UH55F-E display can effectively deliver your content with vibrant, accurate colors to impress your audience.

Promote products and services using an extraordinary display

Retailers are increasingly considering video walls to elevate the aesthetic design of their stores. Preference for a high-quality display that complement their store environment without overwhelming it is growing among the owners and managers. With the extreme-narrow bezels of the Samsung UH55F-E SMART Signage video wall display, the store's visual contents can be delivered to customers in a near-seamless picture spread across multiple displays yet minimizing the complexity of setting up a video wall. The stunning video wall configured with the 55-inch UHF-E model displays is an effective means to impress and captivate.

The industry's first UHD video wall solution with a focus on maximized ROI and lowered upfront investment costs

Samsung has led the field once again by being the first in the industry able to implement up to 5x5 wall configurations based on daisy chain through the use of DisplayPort (DP) 1.2, as well as HDMI ports. As existing PC-based video walls require high performance graphic cards, UHD splitters and are limited to 2x2 display arrangements, Samsung UH55F-E video wall display can eliminate those needs and greatly reduce costs. Through supporting the latest version of the premier digital video interface of DisplayPort, your content becomes elevated with resolutions that range up to 4k. This efficient arrangement helps to increase efficiency while reducing costs by negating the need to buy extra equipment.

Realize the full UHD power of video walls through advanced Samsung calibration technology along with superior panel quality

With ease of use in mind, Samsung UH55F-E video wall display offers near-perfect results by simply setting the mode upon packaging, thanks to optimized calibration during manufacturing that achieves uniform brightness and color across multiple displays. This allows for Samsung's calibration technology and outstanding panel quality to truly let UHD content resonate even better. Samsung Calibration technology helps to yield 90% accuracy of local uniformity throughout all displays. The effects of screen darkening and light leakage are held to a minimum, while increased contrast ratio brings out the true visual impact of your content.

Take comfort knowing that reliability and durability are core components

Consistently display content in various environments and conditions with rock-solid durability. Samsung video wall panels are heat and dust resistant, and built to withstand weight pressure for a longer display lifespan. In addition, black mura-free panels help to offset backlight non-uniformity, allowing you to maintain superior quality content on your video wall over a long time. Samsung's reputation as a leading display brand with expansive global customer service coverage, an extensive product line-up and a future digital signage roadmap supports the displays' reliability and successful long-term usage.

MINIMIZE COSTS WHILE MAXIMIZING EFFICIENCY THROUGH AN ALL-IN-ONE SOLUTION

Samsung's All-in-One Solution has the option to be able to come complete with Signage Player Box and special wall mount, which all work in harmony to streamline core functionality in order to maintain optimum usability from installation to content creation and management.

• **Signage Player Box** is suited for displays operating without a System-on-Chip (SoC), which allows for multi-source switching and a media player to co-exist in a single box. Additionally, it facilitates simple and straightforward installation and enables configuration of daisy chain connections between displays. Backed by a powerful Quad Core CPU, the Signage Player Box effectively performs the role of a media player while reducing the need for incurring extra expenses in equipment to operate the differing facets of a video wall.

• **Special Wall Mounts** help to simplify installation by requiring a minimal amount of installation steps, providing simplified attach-and-connect configurations, and possessing no consumable replacement parts, which help to bring down expenses. Ideal layouts can be easily achieved through the precise matching between the wall mount size and video display size, making the effort of tediously measuring dimensions unnecessary. Additionally, the aesthetics of the video wall are enhanced from the ultra-slim wall mounts that take up minimal space.

Same dimension with set

Fine adjustment

Easy Installation

39mm

Slim depth of 39mm

SAMSUNG UH55F-E SERIES VIDEO WALL DISPLAY

	Model		UH55F-E
Panel	Diagonal Size		55"
	Type		D-LED DID
	Resolution		1920*1080
	Pixel Pitch(mm)		0.63mm(H) * 0.63mm(V)
	Active Display Area(mm)		1209.6 * 680.4mm
	Brightness		Max 700 cd/m2
	Contrast Ratio		4000:1
	Viewing Angle(H/V)		178/178
	Response Time(G-to-G)		8ms
	Display Colors		8 bit - 16.7M
	Color Gamut		72%
	Operation Hour		24/7
Display	Dynamic C/R		MEGA DCR
	H-Scanning Frequency		30kHz ~ 81kHz
	V-Scanning Frequency		48Hz ~ 75Hz
	Maximum Pixel Frequency		148.5MHz
Sound	Speaker Type		N/A
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2
		VIDEO	HDMI1,HDMI2
		AUDIO	Stereo mini Jack
		USB	Only F/W upgrade
	OUTPUT	RGB	DP1.2(Loop-out)
		VIDEO	N/A
		AUDIO	Stereo mini Jack
		Power Out	N/A
	EXTERNAL CONTROL		RS232C(in/out), RJ45
	EXTERNAL SENSOR		Detachable type(IR, Ambient)
Power	Type		Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	TBD
		Typical[W/h]	TBD
		BTU(Max)	TBD
		Sleep Mode	less than 0.5W
		Off Mode	less than 0.5W
Operation	Operating Temperature		0℃~ 40℃
	Humidity		10~80%

Mechanical Spec	Dimension (mm)	Set	1211.5 x 682.3 x 96.3
		Package	1355 x 809 x 320
	Weight (kg)	Set	21.0kg
		Package	27.4kg
	VESA Mount		600 * 400 (mm)
	Protection Glass		N/A
	Stand Type		N/A
	Media Player Option Type		SBB-C/DA/DI (Slide In)
	Bezel Width (mm)		1.15mm(U/L), 0.55mm(R/B)
Feature	Key		Extreme Narrow Bezel
	Special		ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 25%, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)
Certification	Safety		UL (USA) : UL 60950-1 CSA (Canada) : CSA C22.2 No. 60950-1 TUV (Germany) : EN60950-1 NEMKO (Norway) : EN60950-1 KC (Korea) : K60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIQ (Slovenia) : IEC60950-1, EN55022 PCBC (Poland) : IEC60590-1, EN55022 NOM (Mexico) : NOM-019-SCFI-1993 IRAM (Argentina) :IEC60950-1 SASO (Saudi Arabia) : IEC60950-1
	EMC		FCC (USA) FCC Part 15, Subpart B class A CE (Europe) EN55022, EN55024 VCCI (Japan) V-3 (CISPR22) KCC (Korea) :KN22, KN24 BSMI (Taiwan) : CNS13438 (CISPR22) C-Tick (Australia) : AS/NZS3548 (CISPR22) CCC(China) :GB9254-2008, GB17625.1-2012
	Environment		TBD
Accessories	Included		Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries
	Optional	Stand	N/A
		Mount	WMN-55VD
		Specialty	N/A
Media Player	CPU		
	N/B		
	S/B		
	GPU		SBB (Optional, SIM Type) Signage player box (SBB-SS08EL1)
	FDM/HDD/SSD		
	Memory		
	Ethernet		
	Connectivity	USB	
		Output	
		Others	

About Samsung

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

For more information

For more information about Samsung UH55F-E Series displays, visit
www.samsung.com/business or
www.samsung.com/displaysolutions

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