



# SAMSUNG SMART SIGNAGE VIDEO WALL DISPLAYS UHF5 SERIES

Discover the ease of installation with the ultra compact design

Samsung UHF5 Series are very light products that have had their thickness reduced by more than 50% compared to older models. As a result, the UHF5 Series can be installed and disassembled with ease and are well-suited for the customer who has to repetitively install/disassemble their video wall. Implementation of the UHD video wall is further aided by using the Tizen-based signage player box, and colors can be implemented accurately using Samsung's advanced calibration technology.

## HIGHLIGHTS

- Features a light weight with a slim depth, enabling simple installation
- Facilitates a vivid UHD video wall with easy setup, using Signage Player Box (Tizen 2.4)
- Leverages advanced calibration technology for effective color management
- Upholds highest levels of durability to ensure long-term use
- Provides a narrow 5.5mm bezel-to-bezel
- Supports 500nit brightness and an anti-glare panel(Haze 11%)
- Allows for easier installation and disjoint thanks to special wall mount option

**SAMSUNG**

## KEY FEATURES



### FEATURE 1. SLIM DEPTH & LIGHT WEIGHT (+ REAR HAND GRIP) SPECIFICALLY BUILT FOR THOSE WHO PLACE A PREMIUM ON SIMPLIFIED INSTALLATION/DISASSEMBLY

As Samsung UHF5 Series have had their thickness and weight reduced by more than 50% and 40%, respectively, installation and disassembly have been greatly optimized. Even more simplified installation is made possible when using Samsung's video wall mount. Efforts to enable such ease-of-use have allowed for the wall display to become fully compliant with the Americans with Disabilities Act, such as when both UHF5 (47.9mm) and Samsung Special Wall Mount (39.9mm) are used, the ADA regulations can be met that mandate that video walls should not hang off of a wall by more than 4 inches to avoid from falling on anyone.



### FEATURE 2. UHD VIDEO WALL IMPLEMENTATION REALIZE THE EASE OF UHD VIDEO WALL IMPLEMENTATION

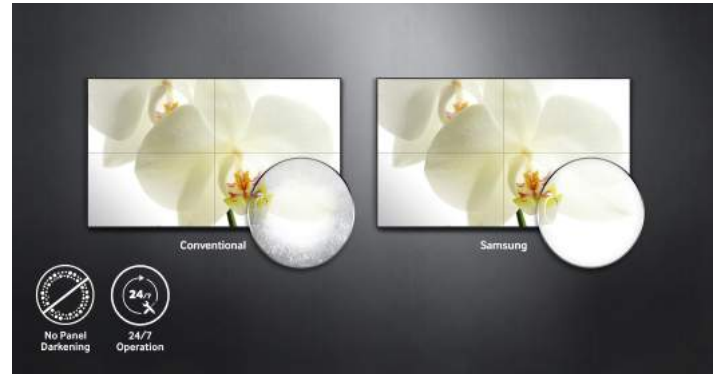
UHD is the ultimate standard for those seeking to deploy truly immersive content designed to captivate and influence viewers. This is supported by the effective use of the UHD-class Signage Player Box (Tizen 2.4), which allows for innovative 5x5 wall configurations to be implemented and harmoniously integrated through daisy-chaining, essentially ensuring seamless and crisp video content while bringing down your TCO by negating the need to buy additional equipment. Even more needless equipment can be avoided by the Signage Player Box being able to operate as a media player thanks to its powerful Quad Core CPU and capacity for multi-source switching.

## KEY FEATURES



### FEATURE 3. CALIBRATION TECHNOLOGY ACCURATE COLOR IMPLEMENTATION BASED ON SAMSUNG'S ADVANCED CALIBRATION TECHNOLOGY

In order to provide a more refined out-of-the-box solution that can be implemented easily and quickly, optimized calibration is performed during the manufacturing process. Samsung's Factory Calibration Process goes beyond the sophistication of what most customers would normally undergo when calibrating, through the use of sensors and latest software. The ensuing result leaves customers with high-impacting UHD messages, enhanced white balance and uniformity across all displays. For customers wanting to go further than that, the UHF5 Series comes complete with an Advanced Color Management (ACM) Chipset and Samsung Color Expert Software that can help fine-tune the display with remarkable precision.



### FEATURE 4. DURABILITY ENABLE ENDURING VIDEO WALL PERFORMANCE THAT CAN LAST LONG THANKS TO EXCELLENT PANEL QUALITY

As video walls need to be trusted for long-term and continuous use in a range of environments, this causes their durability to be put to the test. Panel darkening is one such problem that plagues conventional video walls and Samsung has fully addressed this in the UHF5 Series through exhaustive testing. Meanwhile, black mu-ra-free panels have been introduced to offset backlight non-uniformity. The painstaking efforts to produce robust 24/7 capability of Samsung's video walls have allowed them to emerge into a class of their own when it comes to ensuring superior display quality at all times and 24/7 business operations, all backed by Samsung's renowned customer service support.



### FEATURE 5. VIDEO WALL SPECIAL WALL MOUNT SIMPLIFIED INSTALLATION DUE TO SPECIAL WALL MOUNT

Any perceived challenges for installation or arranging for particular layouts can be completely bypassed through the use of Samsung's Special Wall Mounts. Utilizing these optional mounts can work to reduce the amount of steps involved to install which makes for better use of your time and effort. Customized and innovative layouts can now be attempted while knowing that accurate matching between the wall mount size and video display size has been made possible, unlocking the potential for use of your displays and better utilization of space.



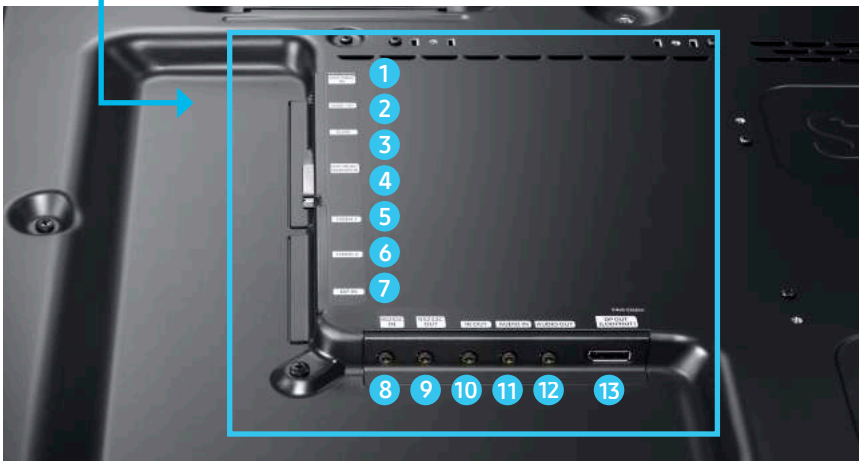
FRONT



BACK

GRIP

CONNECTIVITIES



- 1. CONTROL IN
- 2. USB
- 3. RJ45
- 4. DVI / RGB / MAGICINFO IN
- 5. HDMI 1
- 6. HDMI 2
- 7. DP IN
- 8. RS232C IN
- 9. RS232C OUT
- 10. IR OUT
- 11. AUDIO IN
- 12. AUDIO OUT
- 13. DP OUT (LOOPOUT)

MODEL			UH46F5
Panel	Diagonal Size	Class	46
		Measured	45.9" / 116.8cm
	Type		D-LED DID
	Resolution		1920 x 1080 (16:9)
	Pixel Pitch(mm)		0.53025(H) x 0.53025(W)
	Active Display Area(mm)		1018.08(H) x 572.67(V)
	Brightness(Typ.)		Max 700 cd/m2
	Contrast Ratio		4,000:1
	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
	Haze		11%
Display	Dynamic C/R		MEGA DCR
	H-Scanning Frequency		30 ~ 81 KHz
	V-Scanning Frequency		48 ~ 75 Hz
	Maximum Pixel Frequency		148.5 MHz
Sound	Speaker Type		N/A
Connectivity	INPUT	RGB	DVI-D, Display Port 1.2
		VIDEO	HDMI 2.0 (2) (*HDCP 2.2)
		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)
Tuner		N/A	
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		
Mechanical Spec	Dimension (mm)	Set	1023.8 x 578.4 x 47.9
		Package	1171 x 734 x 277
	Weight (kg)	Set	13.2kg
		Package	19.2kg
	VESA Mount		400 * 400 (mm)
	Protection Glass		N/A
	Stand Type		N/A
Bezel Width (mm)		3.4mm(U/L), 2.0mm(R/B)	

MODEL		UH46F5		
Operation	Operating Temperature	0°C~ 40°C		
	Humidity	10~80%		
Feature	Key	Thinnest Depth, Super Narrow Bezel		
	Special	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 11%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall (15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)		
	Internal Player (Embedded H/W)	Processor	N/A	
		On-Chip Cache Memory		
		Clock Speed		
		Main Memory Interface		
		Graphics		
		Storage (FDM)		
		Multimedia		
		IO Ports		
Operating System				
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	N/A		
accessories	Included	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries,		
	optional	Stand	N/A	
		Mount	WMN-46VD	
		Specialty	N/A	
Media Player Option Type	SBB, Signage player box			

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**SMART Signage**

For more information about Samsung SMART Signage Video wall Display, visit [www.samsung.com/business](http://www.samsung.com/business) or [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

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Samsung Electronics Co., Ltd.  
 416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

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## SMART SIGNAGE

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Samsung Electronics Co., Ltd.  
416, Maetan 3-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do 443-772, Korea

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