

SAMSUNG SMART SIGNAGE VIDEO WALL DISPLAYS

UHF5 SERIES

Discover the ease of installation through an ultra-compact design

Samsung's light, compact UHF5 Series video walls are the ideal fit for trade show booths, conference rooms and other locations requiring temporary, but effective content presentation. Featuring a slim design that is nearly half as thick as earlier models, the UHF5 Series video walls accommodate users who frequently have to install and disassemble their displays. A host of other features, including a compatible Signage Player Box powered by the Tizen operating system and Samsung's advanced calibration technology, further ensure brilliant, low-maintenance content delivery anywhere and at any time.

HIGHLIGHTS

- Light-weight, slim-depth design enables easier setup and transportation
- Compatible Signage Player Box (Tizen 2.4-based) delivers high-quality UHD content across daisy-chain configurations
- Leverages advanced calibration technology for effective color management
- Upholds highest levels of durability to ensure long-term use
- Narrow 5.5mm bezel-to-bezel composition amplifies featured content
- Achieves brilliant content showcasing through elevated brightness (700nit) and an anti-glare panel (11 percent haze)
- Optional wall mount allows for easier installation and disjoint

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KEY FEATURES



LIGHT-WEIGHT, SLIM-DEPTH DESIGN
ACCOMMODATE USERS WHO PLACE A PREMIUM ON SIMPLIFIED INSTALLATION AND DISASSEMBLY

Samsung's UHF5 Series video walls are designed for optimized user assembly and disassembly. A reduction in thickness (by more than 50 percent) and weight (by more than 40 percent) makes the displays easier to transport and install. To further simplify the process, an optional wall mount ensures that the video wall remains stable and adherent to any surface. The alignment of the UHF5 Series displays (47.9mm) and wall mounts (39.9mm) accommodates Americans with Disabilities Act (ADA) regulations which mandate that video walls remain within four inches of a surface to minimize fall risks.



UHD VIDEO WALL IMPLEMENTATION
REALIZE THE EASE OF UHD VIDEO WALL IMPLEMENTATION

By condensing several essential video wall components into a unified platform, Samsung's UHF5 Series helps users achieve the coveted UHD content standard with less effort required. A compatible Signage Player Box (Tizen 2.4) delivers immersive, captivating content across video wall configurations as large as 5x5 in size. Through harmonious daisy-chaining, users can share seamless, crisp video content that extends across all screens without interruption. Furthermore, the Signage Player Box doubles as a media player backed by a powerful Quad Core CPU and featuring multi-source switching functionalities. Overall, this versatile composition prevents users from having to purchase additional equipment and represents a cost-efficient alternative.



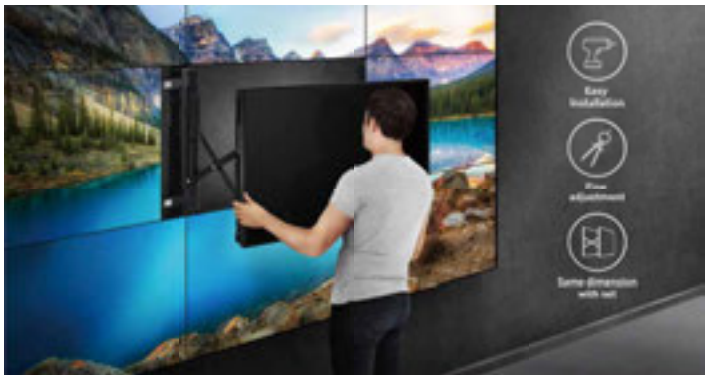
CALIBRATION TECHNOLOGY
ACHIEVE ACCURATE COLOR PRESENTATION THROUGH SAMSUNG'S ADVANCED CALIBRATION TECHNOLOGY

To provide a more refined out-of-the-box solution that can be implemented easily and quickly, Samsung's UHF5 Series displays undergo rigorous factory calibration. This detailed process uses precise sensors and the latest software to fine-tune display presentation beyond what customers typically expect. The ensuing result enhances white balance for the delivery of more impactful, unified UHD messages. For customers seeking even more sophisticated calibration, the UHF5 Series comes complete with an Advanced Color Management (ACM) Chipset and Samsung Color Expert Software that can optimze display settings.



DURABILITY
ENABLE ENDURING VIDEO WALL PERFORMANCE THROUGH EXCELLENT PANEL QUALITY

As users require continuous long-term video wall performance in a range of environments, display durability is essential for success. Samsung's UHF5 Series video walls overcome many common user challenges to ensure unwavering 24/7 performance. Through exhaustive testing, Samsung's video wall panels are reinforced to shield screens against panel darkening. Additionally, each video wall contains black, mura-free panels to prevent backlight non-uniformity and subsequent visual distraction. These features, coupled with the ongoing support of Samsung's dedicated customer service team, reduce maintenance for users while delivering images at superior quality.



VIDEO WALL SPECIAL MOUNT
SIMPLIFIED INSTALLATION DUE TO SPECIAL WALL MOUNT

UHF5 Series users can bypass any perceived installation and layout challenges through the use of Samsung's special wall mounts. These optional wall mounts accommodate a variety of video wall sizes and configurations, creating new opportunities for creative and captivating display arrangements. By reducing the time and labor required to set up and break down video walls, the compatible wall mounts improve overall efficiency while allowing users to focus on other critical business matters.

ENERGY EFFICIENCY
DELIVER COMPELLING CONTENT AT REDUCED ENERGY EXPENSE

To further validate their efficient performance, Samsung's UHF5 Series video walls have achieved Energy Star 7.0 certification. This achievement signifies an environmentally-friendly composition and content delivery procedures requiring minimal resources or emissions. Beyond representing a sustainable alternative, Samsung's certified UHF5 Series displays significantly reduce energy expenses – and related maintenance – for users.

DESIGN / DIMENSION



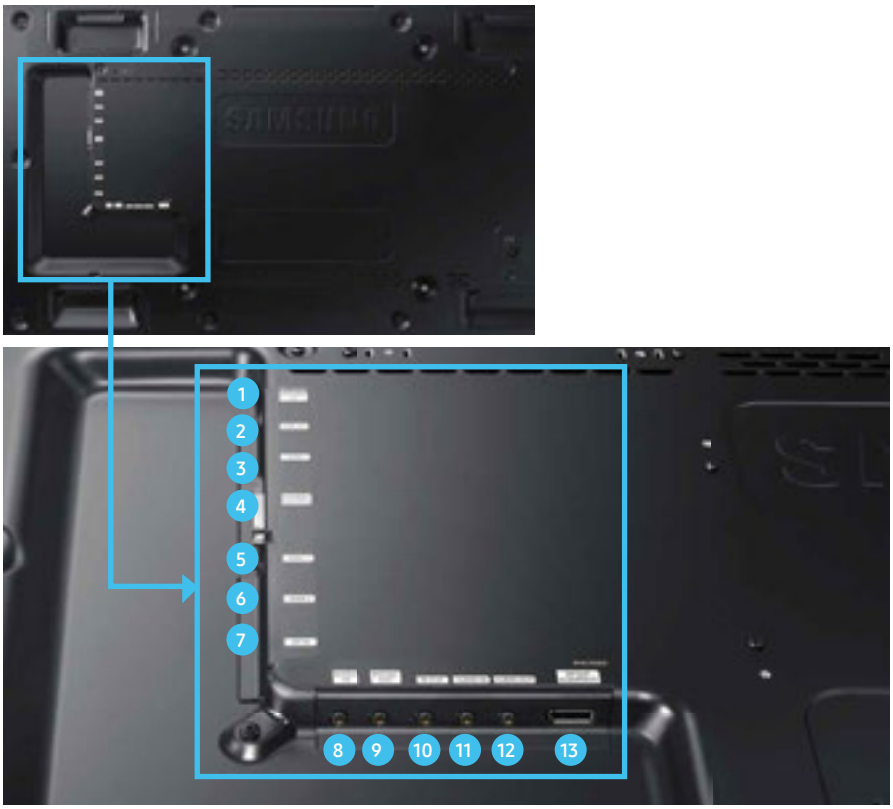
FRONT



BACK

GRIP

CONNECTIVITIES



1. CONTROL IN
2. USB
3. RJ45
4. DVI / RGB / MAGICNFO 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)

SPECIFICATIONS

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 Consump-tion	Max[W/h]	132
		Typical[W/h]	98
		BTU(Max)	450.4
		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)

SPECIFICATIONS

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, DP 1.2 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
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		Energy Star 7.0
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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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, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit Samsung Newsroom at http://news.samsung.com

SMART Signage

For more information about Samsung SMART Signage Video wall Display, visit
www.samsung.com/business or www.samsung.com/displaysolutions

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2016-11

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