SAMSUNG SMART SIGNAGE VIDEOWALL DISPLAY

Bigger Vision. On Display.

SAMSUNG

MAKE A BIG IMPRESSION THROUGH CLEAR, COMPELLING VIDEO WALL CONTENT

Increased competition for consumers' attention, often in tight, crowded environments, has forced businesses to move away from traditional static and analog signage and toward more modern, eye-catching alternatives. In turn, video walls have emerged as a go-to upgrade for businesses in various markets and settings who want bigger and better communication. From airports listing real-time flight data to retailers demonstrating new products, video walls are a hub for powerful information delivery.

The evolution of video wall technology has piqued the interest of businesses seeking new engagement strategies. Cutting-edge UHD picture quality brings even the smallest visual details to life with amplified brilliance and clarity. Additionally, modern video walls are designed with convenience in mind, reducing installation complexities for owners worried about their ability to get these displays up and running. With common hassles eliminated, there are fewer obstacles to deter on-the-fence users from making an upgrade.

Another source of video walls' emerging popularity is their ability to accommodate any unique business environment. They are customizable, and can be configured to specific sizes and dimensions. With the incorporation of narrow-bezel designs, video walls have eliminated a common source of visual distraction while ensuring uninterrupted picture flow across multiple connected displays. Regardless of the setting, video walls can add ambience and sophistication without being overwhelming.

A TOTAL VIDEO WALL SOLUTION FOR ANY BUSINESS ENVIRONMENT

As a pioneer in the space and a leading provider of slim-designed and thin-bezel video walls, Samsung is committed to continuous innovation that offers businesses new avenues to bring their visual ideas to life through large-format displays. Our comprehensive video wall lineup includes a range of technologies and options designed to help businesses identify the best fit for their brand identity and operational needs.

Samsung understands that properly attracting, informing and engaging audiences goes beyond the physical video wall itself. Through a total solutions approach, Samsung provides users with the management software, media players and accessories necessary to optimize their video wall content and achieve more efficient operations. This versatility ensures that users can configure their video walls to match their unique performance demands and content showcasing needs without sacrificing visual quality.

Our diverse video wall portfolio offers various sizes, dimensions and modifications to serve a host of customer requirements. Users can select the screen parameters, bezel width and brightness that will bring out the best in their featured messaging while simultaneously adhering to a slim and light-weight composition. Whatever the configuration, all of Samsung's video walls are easy to install and maintain.

SAMSUNG'S LINEUP

MODEL	UHF-E	UDE-A	UDE-B	UHF5	UDE-C
Video Wall Lineup					
Specific Needs	Premium video wall solution with extreme narrow bezels	Powerful and versatile video wall solution for various business needs		Designed for easy installation with the ultra compact design	Budget-friendly displays withstandard features
Bezel Thinness	1.7mm	3.5mm		5.5mm	
Brightness	700nit		500nit	700nit	500nit
Screen Size	55"	46" / 55"	46" / 55"	46"	46" / 55"
Operation Hour	24/7				

COLOR CALIBRATION TECHNOLOGY

ACHIEVE SUPERIOR PICTURE QUALITY WITH BRILLIANT, DETAILED COLOR PRESENTATION

Each Samsung video wall undergoes meticulous factory calibration to obtain near-perfect visual presentation and optimal color uniformity. These enhancements enable users to get their displays up and running in less time, and begin captivating target audiences immediately.

PRECISE COLOR EXPRESSION

Samsung's 16-bit internal Advanced Color Management (ACM) chipset allows for comprehensive video wall calibration both in the factory and once activated. This powerful chipset minimizes distortion and gradation loss to produce smoother, clearer on-screen colors. The result is industry-leading local uniformity that delivers the most accurate and brilliant image representation possible.

CONSISTENT BRIGHTNESS

During pre-factory calibration, Samsung's video walls undergo detailed X and Y coordinate tuning to produce exquisite colors upon activation. To produce exceptional textures on dark and saturated images, each video wall deploys an eight-step Gamma curve and grayscale correction process. Additionally, by fine-tuning RGB color balance, Samsung's displays deliver an excellent white balance difference of less than 300 degrees K.

NEXT-LEVEL CALIBRATION

For customers seeking advanced calibration settings beyond what factory fine-tuning delivers, Samsung's Color Expert Software™ enhancement further amplifies color precision. The Color Expert Software platform offers users an intuitive interface to modify local uniformity, white balance and Gamma levels to meet their specific visual demands.

Factory Calibration + ACM Chipset

5x5 LOCAL UNIFORMITY

WHITE BALANCE

GAMMA

Superior Picture Quality

SUPERIOR AND RELIABLE PANEL TECHNOLOGY

MAINTAIN CONTINUOUS CONTENT DELIVERY THROUGH A DURABLE, RELIABLE DESIGN

To perform at their highest potential, video walls must be able to withstand long hours, variable temperatures and exposure to a variety of natural and environmental factors. Samsung's video walls feature a reinforced composition that drives uninterrupted performance regardless of the surrounding conditions. As a result, users can simply let their video walls run without having to make adjustments or continuously check to make sure content displays properly.

LONG-TERM PERFORMANCE

Samsung's video walls are built with the strongest and most reliable panels available, eliminating potential visual interference from heat, dust and light. This design includes integrated burn-in protection that prevents fixed images from sticking on the screen if displayed for long periods of time. By removing potential distortion sources, Samsung's video walls provide a distraction-free picture that keeps audiences focused on core messages rather than the image itself.

CONTINUOUS IMAGE QUALITY

In addition to deterring image fixture, Samsung's video walls panels protect featured content from glare and deliver vivid, highly-visible content to audiences under even the strongest light sources. These non-glare panels diffuse light once it hits the display's surface without reducing or impacting image quality. This flexibility makes Samsung's video walls suitable for installation across a wider range of business environments.

ELEVATED CONTRAST RATIO

To further present content at the highest possible quality, Samsung's video wall panels offer high contrast ratios (ranging from 3,500:1 to 4,000:1 depending on the model) that produce deeper blacks and more vivid colors. Through these elevated ratios, content is presented with greater detail and delicacy even in dark and low grayscale formats.

| Heat & Dust Resistant | 24/7 Operation | Non-Glare Panel | High Contrast ratio |

High Durability & Proven Reliability

ULTRA NARROW-BEZEL DESIGN

ADD AMBIENCE TO THE BUSINESS ENVIRONMENT THROUGH A SLEEK, SLIM DESIGN

Another component of video walls' appeal to businesses is the opportunity to invite customers into a more chic and modern setting than their competitors may offer. Samsung's narrow-bezel video walls amplify businesses' aesthetic presentation and brand image through a stylish, yet practical design that attracts viewers' attention, even from close distances.

A PIONEERING THIN DESIGN

Samsung's video walls feature an extreme narrow width bezel-to-bezel design* that removes a common source of visual distraction. Notably, the UH55F-E model incorporates a 1.7 mm. wide bezel-to-bezel composition that is among the slimmest available. As video wall configurations expand, the elimination of bordering bezels allows content to flow uninterrupted across multiple screens. The result is a clearer and more impactful showcase for featured messages.

*Bezel width is variable for each video wall model.

ENDLESS CREATIVE POTENTIAL

With less bezel obstacles to navigate, businesses can implement Samsung's slim-designed video walls in a range of creative configurations adherent to both workspaces and imagination. The composition of more artistic and elegant video walls expands the potential to reach new audiences through a variety of content formats, all while bringing sophistication to the environment.

UHD COMPOSITION

FOSTER MORE IMMERSIVE AND REALISTIC VIEWING

As visual display technology evolves, so do viewers' expectations. Target audiences are more likely to look past basic, static or dull content in favor of alternatives that capture their eyes and ears. Through cutting-edge UHD picture quality*, Samsung's video walls deliver an enthralling and cinematic visual experience that showcases content to users in ways unlike they have ever seen before – all while improving operational efficiency for businesses.

* UHD picture quality is available with most, but not all, Samsung video wall models.

A FUTURISTIC PRESENTATION

UHD picture quality empowers Samsung's video walls to deliver stunning images at four times the visual quality of FHD alternatives. An elevated pixel density presents content at close distances without emphasizing images' grid-like structures, creating new possibilities to incorporate interactive content. The UHD-quality presentation also enhances video wall content with optimized contrast, vibrant colors and photographic detail.

SEAMLESS DISPLAY EXPANSION

An all-in-one design helps users expand and connect their Samsung video walls with minimal effort or excess equipment required. The integrated DisplayPort (DP) 1.2 platform supports daisy chain configurations of up to 5x5 in size, and replaces the high-performance graphics cards and UHD splitters often required to build successful walls. As a result, users can implement their displays without significant expense or labor.

UHD SIGNAGE PLAYER BOX

FEATURE HIGH-QUALITY CONTENT IN A SIMPLE, COST-EFFICIENT MANNER

The transition to innovative video wall displays can be challenging without the right equipment, and tack on lost time, high costs and overall frustration to business owners' already packed schedules. Samsung's all-in-one UHD Signage Player Box eliminates many of these hassles by aligning several critical video wall management tools into a single, low-maintenance platform.

SEAMLESS CONTENT DELIVERY

Samsung's integrated UHD Signage Player Box leverages the power of the Tizen operating system to produce captivating on-screen content. Capable of supporting setups ranging from single displays to 5x5 (with UHD resolution) and 10x10 (with FHD resolution) configurations, the Signage Player Box bridges a smooth exchange between the content server and display. This centralized workflow further improves operations by eliminating the need for external media players and devices.

INTUITIVE, SINGLE-SOURCE OPERATIONS

The UHD Signage Player Box brings often-disparate video wall information processing, content management and source switching tools together into a single platform that users can navigate and modify all at once. Extensive port connectivity drives smooth communication with external PCs and media players to introduce new content. This composition produces a clean, easy-to-manage installation at reduced labor and expense.

FULLY-INTEGRATED PERFORMANCE MANAGEMENT

Users can synchronize their personal devices with the Signage Player Box's embedded MagicInfo server to view and adjust critical performance settings anywhere and at any time. Through this centralized management, users can modify content and hardware within or across an entire daisy chain rather than having to fine-tune each individual display. Likewise, users can program the entire wall to power on and off or rotate content simultaneously.

UHD Signage   UHD Video Wall (up to 5x5)

TIZEN

4K Ultra HD   4K Ultra HD

All-In One

Media Player + Switcher + SSSP 4.0

EMBEDDED CONTENT PLAY

2HDMI
DP1.2
DVI
MULTIPLE CONNECTIVITY

SOURCE CHANGE

WALL MOUNTING SYSTEM
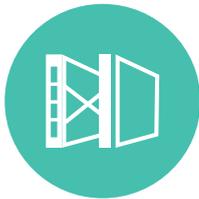
SECURELY STABILIZE VIDEO WALLS IN ANY CONFIGURATION

A dependable video wall requires multiple disparate parts to work together harmoniously to ensure consistent performance. Through a configurable and compatible wall mount, Samsung's video walls remove several significant installation steps and improve maintenance and ease of use for operators.

BUILD YOUR DESIRED LAYOUT WITH EASE

Specialized attach-and-connect wall mounts adhere each Samsung video wall to its surface, holding each individual display in place even as configurations grow larger. Each mount is sized to the dimensions of the video wall, and users simply need to install the mount first before connecting the displays. Additionally, the wall mounts take up minimal space and are hidden from view to prevent visual distraction.

REDUCED MAINTENANCE THROUGH DIMENSIONAL CONSISTENCY

The combination of the video walls' user-friendly design and the complementary wall mount result in more consistent, uniform implementation without requiring extensive measurement and adjustment. Users have more freedom to conceive and build visually-appealing walls respective of both display and mount size. This flexibility also prevents users from having to dismantle an entire video wall should a single display require maintenance or repair.
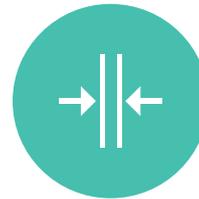
SAME DIMENSION WITH SET **EASY INSTALLATION** **FINE ADJUSTMENT** **SLIM DEPTH OF 39MM**

RETAIL VERTICAL

DRIVE IMPROVED SALES AND CUSTOMER SERVICE THROUGH NEXT-LEVEL CONTENT

As a marketplace that is among the most competitive and reliant on real-time information, retail stands to benefit greatly from upgrading to video walls. From highlighting ongoing sales promotions to notifying customers about upcoming events, video walls play a key role in driving both present and future sales and building emotional connections for shoppers with retailers and retail brands.

Samsung's video walls make the perfect addition to any retail environment. Beyond introducing a realm of previously untapped content opportunities, these luxurious displays add ambience and sophistication to retail outlets. This all-in-one content center is ideal for informing, attracting and engaging customers in highly-trafficked areas, and providing an extra edge on neighboring competition.

SAMSUNG VIDEO WALL RETAIL APPLICATIONS:

- Boutique and specialty retailers
- Department stores
- Malls and shopping centers
- Supermarkets
- Themed restaurants and clubs
- Bank branches and investment centers

CORPORATE VERTICAL

ENLIVEN BUSINESS ARENAS WITH FRESH MESSAGING

Business environments, ranging from office lobbies and meeting rooms to tradeshow booths, represent an opportunity to showcase knowledge and build trust with visiting audiences. Through inspiring and memorable content, businesses can leave a lasting impression that could potentially open the door to future sales opportunities.

Samsung's all-in-one video wall lineup makes it easier for business users to create and deploy relevant messages in high-profile and highly visible areas. Rather than requiring external devices and media players, users can craft customized content conveniently and efficiently in one centralized location. Remote management further allows business teams to adjust messaging in seconds to match specific audience requirements.

In addition to performance enhancements, Samsung's video walls bring life to business settings that static and analog displays simply cannot. The video walls add professionalism and décor complementary to any environment, and reflect a modern and trendy image to potential partners and customers.

SAMSUNG VIDEO WALL CORPORATE APPLICATIONS:

- Corporate lobbies and entrances
- Trade show booths
- Briefing and operation centers
- Control rooms

PUBLIC SPACES

DELIVER UP-TO-THE-MINUTE INFORMATION IN TIME-SENSITIVE PUBLIC SPACES

In public settings, the ability to relay clear and convenient real-time information can make a significant difference in shaping customer satisfaction. Whether in a convention center, airport or entertainment venue, guests and attendees need assistance to remain on schedule and locate their desired services.

By delivering bright, bold images and real-time data, Samsung's video walls break through visual noise to convey critical messages in public locations. An all-in-one content platform equips public users with the tools to create, share and modify content as necessary. Through a brilliant, distraction-free design, Samsung also ensures that viewers can read information clearly and without interruption.

Often, public spaces require consistent, round-the-clock information delivery to accommodate customers' varying schedules. Samsung's video walls are designed for reliable, 24/7 operations and uninterrupted content presentation. As long as information is required, Samsung's video walls are equipped to share it clearly and conveniently.

SAMSUNG VIDEO WALL PUBLIC APPLICATIONS:

- Airports and train stations
- Museums and galleries
- Convention centers
- Theaters

LINEUP

MODEL			UHF-E SERIES	UDE-A SERIES	
			UH55F-E	UD46E-A	UD55E-A
Panel	Diagonal Size	Class	55"	46"	55"
		Measured	54.6" / 138.7cm	45.9" / 116.8cm	54.6" / 138.7cm
	Type		D-LED DID	D-LED DID	D-LED DID
	Resolution		1920*1080	1920*1080	1920*1080
	Pixel Pitch(mm)		0.63mm(H) * 0.63mm(V)	0.53025mm(H) * 0.53025mm(V)	0.63mm(H) * 0.63mm(V)
	Active Display Area(mm)		1209.6 * 680.4mm	1018.08mm*572.67mm	1209.6 * 680.4mm
	Brightness		Max 700 cd/m2	Max 700 cd/m2	Max 700 cd/m2
	Contrast Ratio		4000:1	3500:1	4000:1
	Viewing Angle(H/V)		178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colors		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Color Gamut		72%	72%	72%
	Operation Hour		24/7	24/7	24/7
	Haze		25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)
Display	Dynamic C/R		MEGA DCR	MEGA DCR	MEGA DCR
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		48Hz ~ 75Hz	48Hz ~ 75Hz	48Hz ~ 75Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz
Sound	Speaker Type		N/A	N/A	N/A
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		USB	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade
	OUTPUT	RGB	DP1.2(Loop-out)	DP1.2(Loop-out)	DP1.2(Loop-out)
		VIDEO	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45	RS232C(in/out), RJ45
	EXTERNAL SENSOR		Detachable type(IR, Ambient)	Detachable type(IR, Ambient)	Detachable type(IR, Ambient)
	Tuner		N/A	N/A	N/A
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Con-sumption	Max[W/h]	297	187	297
		Typical[W/h]	180	128(168 China)	180
		BTU(Max)	1013	638	1013
		Sleep Mode	less than 0.5W	less than 0.5W	less than 0.5W
		Off Mode	less than 0.5W	less than 0.5W	less than 0.5W

UDE-B SERIES		UHF5 SERIES	UDE-C SERIES
UD46E-B	**UD55E-B**	**UH46F5**	**UD46E-C**
46"	55"	46"	46"
45.9" / 116.8cm	54.6" / 138.7cm	45.9" / 116.8cm	45.9" / 116.8cm
D-LED DID	D-LED DID	D-LED DID	D-LED DID
1920*1080	1920*1080	1920*1080	1920*1080
0.53025mm(H)*0.53025mm(V)	0.63mm(H) * 0.63mm(V)	0.53025 (H) x 0.53025(W)	0.53025mm(H)*0.53025mm(V)
1018.08mm*572.67mm	1209.6 * 680.4mm	1018.08(H) x 572.67(V)	1018.08mm*572.67mm
Max 500 cd/m2	Max 500 cd/m2	Max 700 cd/m2	Max 500 cd/m2
3500:1	4000:1	4000:1	3500:1
178/178	178/178	178/178	178/178
8ms	8ms	8ms	8ms
8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
72%	72%	72%	72%
24/7	24/7	24/7	24/7
44% (Outer Haze 11%)	44% (Outer Haze 11%)	11%	44% (Outer Haze 11%)
MEGA DCR	MEGA DCR	MEGA DCR	MEGA DCR
30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
48Hz ~ 75Hz	48Hz ~ 75Hz	48Hz ~ 75Hz	48Hz ~ 75Hz
148.5MHz	148.5MHz	148.5MHz	148.5MHz
N/A	N/A	N/A	N/A
Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2
HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2
Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
Only F/W upgrade	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade
DP1.2(Loop-out)	DP1.2(Loop-out)	DP1.2(Loop-out)	DP1.2(Loop-out)
N/A	N/A	N/A	N/A
Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
N/A	N/A	N/A	N/A
RS232C(in/out), RJ45	RS232C(in/out), RJ45	RS232C(in/out), RJ45	RS232C(in/out), RJ45
Detachable type(IR, Ambient)	Detachable type(IR, Ambient)	Detachable type(IR)	Detachable type(IR, Ambient)
N/A	N/A	N/A	N/A
Internal	Internal	Internal	Internal
AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
143	198	132	143
87(120 China)	136	98	93(108 China)
488	675	450.4	488
less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W
less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W

LINEUP

MODEL			UHF-E SERIES	UDE-A SERIES	
			UH55F-E	UD46E-A	UD55E-A
Mechanical Spec	Dimension (mm)	Set	1211.6 x 682.4 x 96.3	1022.1x 576.6 x 97.4	1213.5 * 684.3 * 96.6
		Package	1355 x 809 x 320	1160 X 715 X 280	1355 X 809 X 320
	Weight (kg)	Set	21.0kg	16.2kg	21.5Kg
		Package	28.2kg	22.6kg	29kg
	VESA Mount		600 * 400 (mm)	600 * 400 (mm)	600 * 400 (mm)
	Protection Glass		N/A	N/A	N/A
	Stand Type		N/A	N/A	N/A
	Bezel Width (mm)		1.15mm(U/L), 0.55mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)
Operation	Operating Temperature		0℃~ 40℃	0℃~ 40℃	0℃~ 40℃
	Humidity		10~80%	10~80%	10~80%
Feature	Key		Extreme Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
	Special		ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 44%, 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)		
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	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	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	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	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	N/A	N/A
accessories	Included		Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries,		
	optional	Stand	N/A	N/A	N/A
		Mount	WMN-55VD	WMN-46VD	WMN-55VD
		Specialty	N/A	MID-UD46DS	MID-UD55DS
	Media Player Option Type		SBB(Slide In), Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box

UDE-B SERIES		UHF5 SERIES	UDE-C SERIES
UD46E-B	**UD55E-B**	**UH46F5**	**UD46E-C**
1022.1x 576.6 x 97.4	1213.5 * 684.3 * 96.6	1023.8 x 578.4 x 47.9	1024mm X 578.6mm X 113.6mm
1160 X 715 X 280	1355 X 809 X 320	1171x734x277	1160mm X 715mm X 295mm
18.0Kg	21.5kg	13.5kg	18.3Kg
22.4kg	29kg	19.5kg	23.5Kg
600 * 400 (mm)	600 * 400 (mm)	400 * 400 (mm)	600 * 400 (mm)
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	3.4mm(U/L), 2.0mm(R/B)	3.7mm(U/L), 1.8mm(R/B)
0℃~ 40℃	0℃~ 40℃	0℃~ 40℃	0℃~ 40℃
10~80%	10~80%	10~80%	10~80%
Ultra Narrow Bezel	Ultra Narrow Bezel	Thinnest Depth, Super Narrow Bezel	Super Narrow Bezel

ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 44%, 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)

UD46E-B	UD55E-B	UH46F5	UD46E-C
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	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	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	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
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	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	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	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
N/A	N/A	Energy Star 7.0	N/A

Quick Setup Guide, Warranty Card,
DP cable, stereo to DB9 cable, Power Cord,
Remote Controller, Batteries,

UD46E-B	UD55E-B	UH46F5	UD46E-C
N/A	N/A	N/A	N/A
WMN-46VD	WMN-55VD	WMN-46VD	WMN-46VD
MID-UD46DS	MID-UD55DS	N/A	MID-UD46FS
SBB(Slide In), Signage player box	SBB(Slide In), Signage player box	SBB, Signage player box	SBB(Slide In), Signage player box

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