

Departures

NEXT FLIGHT
 1717
 LEAVES GATE IN
15
 MINUTES

| GATE | AIRLINE | DESTINATION | TIME | FLIGHT | GATE |
|------|----------|-------------|-------|--------|------|
| T6 | Midwest | Minneapolis | 12:00 | 2232 | T6 |
| K9 | Canadian | Los Angeles | 12:15 | 1717 | K9 |
| P9 | United | Seattle | 12:20 | 151 | P9 |
| L9 | Delta | Los Angeles | 12:30 | 2121 | L9 |
| O1 | American | Sacramento | 12:50 | 5662 | O1 |

Duty Free Shop
On Sale



SAMSUNG UDE-P SERIES SMART SIGNAGE

Attract audiences with unprecedented image quality through an innovative Samsung video wall solution

Highlights

- Deliver superior color performance through precise calibration and excellence in panel technology
- Provide a seamless viewing experience with ultra-narrow bezels and high brightness that maximize visuals
- Project rich, eye-catching content with hassle-free display operation and content management using the MagicInfo® Server
- Increase device connectivity and improve content management with DisplayPort (DP) daisy chain and USB support
- Reduce setup time with a simple, easy-to-use special wall mount
- Ensure your message runs continually with highly durable and reliable displays designed for 24/7 operation



PRESENT EXCELLENT UNIFORM BRIGHTNESS AND COLOR ACCURACY ACROSS VIDEO WALL DISPLAYS

A video wall is an impactful way to stand out from the visual clutter we see around us everywhere. With their crisp, precise and engaging content, video walls grab audience attention and are a great way to reach them with brand messaging. As a pioneer in video wall displays, Samsung is a market leader in designing high-impact, ultra-thin video walls and robust software solutions that enable businesses to create dynamic content with ease.

Samsung UDE-P Series video wall displays deliver uncompromising, superior color performance and improved color uniformity. Boasting advanced factory calibration technology, the UDE-P Series features Samsung Color Expert Technology, which provides uniform brightness and color accuracy across all video wall displays, and maintains the uniformity and precision.

The Samsung refined, multistep factory calibration process manually tunes each display for uniform brightness and color to the highest performing consistency standards. It also makes Samsung color management technology more superior. Accurate, high-quality white color is created by fine-tuning the RGB color balance. Samsung factory calibration manages the white balance of each display within a 300 K error range for color uniformity. Gamma and grayscale calibration tunes the displays to show natural shading and gradation without color distortion, and subtle differences of white-to-black gradation. Before calibration, an uncorrected gamma curve results in unsaturated and distorted color. After calibration, the color is saturated and the grayscale is smooth. Prior to uniformity, white balance and gamma correction procedures, each monitor undergoes a three-step aging process to prepare an environment that is similar to the actual environment where the video wall will be installed.

Take color management beyond factory calibration

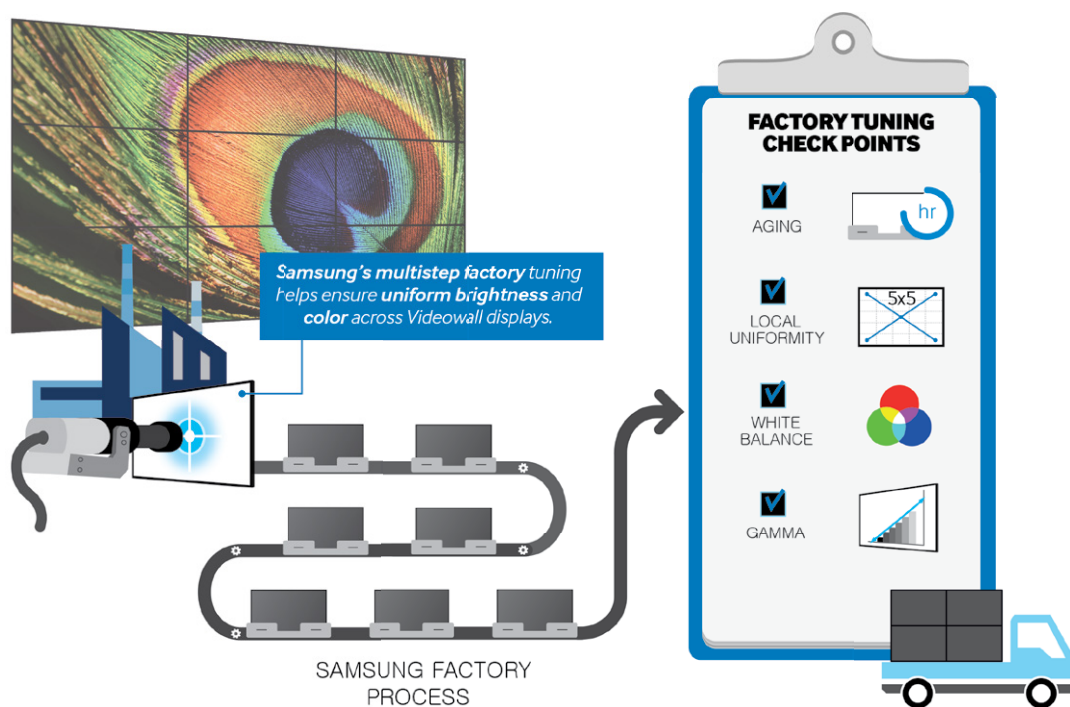
For those who want to tweak the color calibration even further, Samsung offers an Advanced Color Management (ACM) chipset and Samsung Color Expert Software, enabling users to conveniently calibrate precise color settings beyond the factory calibration. This exclusive software features color-dedicated IC and 16-bit processing, along with the highest performance available in the video wall display market for stunning video wall messaging.

Leverage best-in-class panel quality

Samsung meticulously pre-calibrates each panel to ensure consistently captivating content presentations. Prior to the factory calibration process, Samsung uses its exclusive, best-in-class quality Vertical Public Information Display (V-PID) panels, which ensure highly accurate calibration results. Bright, superior display quality is achieved with no blackening effects around the edges, even after long periods of operation under direct sunlight or ambient light. In addition, when connected to multiple displays, consistent, uniform color is achieved through Samsung superb panel technology. With a non-glare feature that significantly reduces haze by 44%, various multimedia content can be clearly seen without light reflection for high visibility in outdoor public areas.

Maximize visual appeal with slim, sleek displays for a near-seamless viewing experience

The UDE-P Series video wall displays feature a sleek design with a slim depth and 3.5 mm (0.14 in.) bezel-to-bezel width for an elegant and near-seamless viewing experience. Their chic design enables businesses to create sophisticated video walls in creative configurations to attract audiences to their brand messaging. The UDE-P Series video wall displays deliver superb Ultra-High-Definition (UHD) picture quality with high similarity to the original color signal for improved content and message clarity. A haze level of 44 percent and a non-glare screen with 700-nit brightness provide excellent message delivery, even in brightly lit environments.





ENGAGE AUDIENCES WITH SUPERB-QUALITY IMAGES ON SLEEK, ULTRA-BRIGHT VIDEO WALLS

Experience effortless display operation and content management with robust Samsung solutions

Available with the Samsung UDE-P Series video wall displays are valuable software solutions. Samsung Smart Signage Platform (SSSP) simplifies content deployment without additional equipment and MagicInfo Player S3 provides convenient remote content management. Plus, versatile connectivity options ensure quality distribution of video images over multiple displays.

- **Samsung Smart Signage Platform (SSSP)**

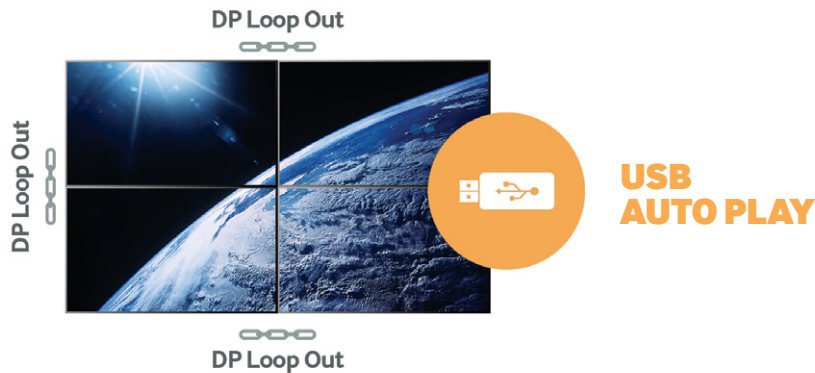
Users can control a multitude of rich content with this PC-less, all-in-one SSSP solution that boasts a powerful quad-core processor, and a display that offers multi-source switching and a media player in a single box. With the SSSP embedded display, there is no need for an additional PC or media player. Content can be distributed from the MagicInfo Server or an HTML5-based web content service, which is developed based on the SSSP. Also, by simplifying the digital signage components and streamlining installation, businesses can realize lower total cost of ownership (TCO).

- **Daisy chain and Multi-stream Support (MST)**

Content can be easily distributed over multiple displays through a USB interface with a Display Port (DP) loop-out for instant playback; an economical High-bandwidth Digital Content Protection (HDCP) daisy-chain configuration; or a DP 1.2 connection with MST support for up a 2 x 2 video wall without losing picture quality.

- **MagicInfo Player S3**





MagicInfo Player S3 conveniently manages content using MagicInfo software. Users can easily transfer, play, share and schedule timely display content with or without a physical connection. By connecting each display with a Display Port (DP) Daisy Chain, a customer can easily configure a videowall without a PC. By simply plugging in a USB memory device with content, a user can readily distribute the content to multiple video walls throughout the property.



Eliminate complicated installations with easy setup and less equipment to configure

An embedded System-on-Chip (SoC) simplifies installation and saves space by eliminating the need for an additional media player. The slim, sleek, space-saving design of the UDE-P Series facilitates installation even further. They can fit in virtually any space and can be creatively placed in a variety of configurations, limited only by one's imagination.

Special wall mounts also make setup easier, providing a perfect fit without unnecessary measuring and the freedom to create single landscape displays, multi-panel portrait walls or massive 10 x 10 video walls.

-  Same dimension with set
-  Fine adjustment
-  Easy Installation
-  Slim depth of 39mm



Rely on the solid reputation of the leading global display brand

Video signage typically must operate for extended periods of time, often 24/7, 365 days a year, and many times in less than desirable environments. Therefore, reliability, high performance and rock-solid durability are top priorities when choosing a video wall display. Samsung UDE-P Series video wall displays are heat and dust resistant, and built to withstand weight pressure for a longer display lifespan. In addition, screen burn-on protection helps eliminate image sticking, which results from a fixed image remaining on the screen for a long time. Samsung has a reputation as a leading display brand with expansive global customer service coverage and an extensive product lineup. Plus, a future digital signage roadmap supports our displays' reliability and successful, long-term use.

SAMSUNG UDE-P SERIES VIDEO WALL DISPLAY



| Model | | UD46E-P | UD55E-P | |
|--------------|-------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| Panel | Diagonal Size | 46" | 55" | |
| | Type | D-LED DID | D-LED DID | |
| | Resolution | 1920*1080 | 1920*1080 | |
| | Pixel Pitch(mm) | 0.53025mm(H)*0.53025mm(V) | 0.63mm(H) * 0.63mm(V) | |
| | Active Display Area(mm) | 1018.08*572.67mm | 1209.6 * 680.4mm | |
| | Brightness | 700 cd/m2 | 700 cd/m2 | |
| | Contrast Ratio | 3500:1 | 4000:1 | |
| | Viewing Angle(H/V) | 178/178 | 178/178 | |
| | Response Time(G-to-G) | 8ms | 8ms | |
| | Display Colors | 8 bit - 16.7M | 8 bit - 16.7M | |
| | Color Gamut | 72% | 72% | |
| Display | Dynamic C/R | 10,000:1 | 10,000:1 | |
| | H-Scanning Frequency | 30kHz ~ 81kHz | 30kHz ~ 81kHz | |
| | V-Scanning Frequency | 48Hz ~ 75Hz | 48Hz ~ 75Hz | |
| | Maximum Pixel Frequency | 148.5MHz | 148.5MHz | |
| Sound | Speaker Type | 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 |
| | | VIDEO | HDMI1, HDMI2, Component(CVBS Common) | HDMI1, HDMI2, Component(CVBS Common) |
| | | AUDIO | Stereo mini Jack | Stereo mini Jack |
| | | USB | USB 2.0 x 1 | USB 2.0 x 1 |
| | OUTPUT | RGB | DP1.2(Loop-out) | DP1.2(Loop-out) |
| | | VIDEO | N/A | N/A |
| | | AUDIO | Stereo mini Jack | Stereo mini Jack |
| | | Power Out | N/A | N/A |
| | EXTERNAL CONTROL | | RS232C(in/out), RJ45 | RS232C(in/out), RJ45 |
| | EXTERNAL SENSOR | | Detachable type(IR, Ambient) | Detachable type(IR, Ambient) |
| Power | Type | Internal | Internal | |
| | Power Supply | AC 100 - 240 V~ (+/- 10%), 50/60 Hz | AC 100 - 240 V~ (+/- 10%), 50/60 Hz | |
| | Power Consumption | Max[W/h] | TBD | 297 |
| | | Typical[W/h] | TBD | 217 |
| | | BTU(Max) | TBD | 1013 |
| | | Sleep Mode | less than 0.5W | less than 0.5W |
| Off Mode | less than 0.5W | less than 0.5W | | |
| Operation | Operating Temperature | 0°C~ 40°C | 0°C~ 40°C | |
| | Humidity | 10~80% | 10~80% | |

| | | | | | |
|------------------|--------------------------|------------------------|--|--|---|
| Mechanical Spec | Dimension (mm) | Set | 1022.1 * 576.6 * 97.4 | 1213.5 * 684.3 * 96.6 | |
| | | Package | 1160 X 715 X 280 | 1355 X 809 X 320 | |
| | Weight (kg) | Set | 16.2kg | 21.0kg | |
| | | Package | 22.4kg | 29.0kg | |
| | VESA Mount | | 600 * 400 (mm) | 600 * 400 (mm) | |
| | Protection Glass | | N/A | N/A | |
| | Stand Type | | N/A | N/A | |
| | Media Player Option Type | | SBB-C/DA/DI (Slide In) | SBB-C/DA/DI (Slide In) | |
| Bezel Width (mm) | | 2.3mm(U/L), 1.2mm(R/B) | 2.3mm(U/L), 1.2mm(R/B) | | |
| Feature | Key | | Ultra Narrow Bezel | Ultra Narrow Bezel | |
| | Special | | ACM Support(Advanced Color Management), Magic Clone(to USB), Auto Source Switching & Recovery, Haze 44%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting MST 2x2 UHD Resolution), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping) Built In MagicInfo(MagicInfo Player S3) | ACM Support(Advanced Color Management), Magic Clone(to USB), Auto Source Switching & Recovery, Haze 44%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting MST 2x2 UHD Resolution), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping) Built In MagicInfo(MagicInfo Player S3) | |
| | Processor | Processor | | Cortex-A9 1GHz Quad Core CPU | Cortex-A9 1GHz Quad Core CPU |
| | | On-Chip Cache Memory | | L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB | L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB |
| | | Clock Speed | | 1GHz CPU Quad | 1GHz CPU Quad |
| | Main Memory Interface | Main Memory Interface | | 1.5GB Dual 48bit DDR3-933 (1866MHz) | 1.5GB Dual 48bit DDR3-933 (1866MHz) |
| | | Graphics | | 2D & 3D Graphics Engine - Up to 1920x1080, 32bpp - Supports OpenGL ES | 2D & 3D Graphics Engine - Up to 1920x1080, 32bpp - Supports OpenGL ES |
| | Storage (FDM) | Storage (FDM) | | 8GB (2.65GB Occupied by O/S, 5.35GB Available) | 8GB (2.65GB Occupied by O/S, 5.35GB Available) |
| | | Multimedia | | Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc. | Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc. |
| | IO Ports | IO Ports | | USB 2.0 | USB 2.0 |
| Operating System | | | Samsung Proprietary OS(VDLinux) | Samsung Proprietary OS(VDLinux) | |
| 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) : GB 4943.1-2011 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIO (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) : GB 4943.1-2011 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIO (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) : GB 9254-2008, GB 17625.1-2012 | 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) : GB 9254-2008, GB 17625.1-2012 |
| | Environment | | ENERGY STAR 6.0 (USA) | ENERGY STAR 6.0 (USA) | |
| | Included | | Quick Setup Guide, Warranty Card, DP cable, Power Cord, Remote Controller, Batteries | "Quick Setup Guide, Warranty Card, DP cable, Power Cord, Remote Controller, Batteries, " | |
| Accessories | Optional | Stand | N/A | N/A | |
| | | Mount | WMN-46VD | WMN-55VD | |
| | Specialty | | MID-UD46DS(TBD) | MID-UD55DS | |
| Media Player | CPU | | | | |
| | N/B | | | | |
| | S/B | | | | |
| | GPU | | | | |
| | FDM/HDD/SSD | | | SBB (Optional, SIM Type) | |
| | Memory | | | | |
| | Ethernet | | | | |
| Connectivity | USB | | | | |
| | Output | | | | |
| | Others | | | | |

About Samsung

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space through, among others, our Smart Home and Digital Health initiatives. We employ 307,000 people across 84 countries with annual sales of US \$196 billion. To discover more, please visit our official website at www.samsung.com and our official blog at global.samsungtomorrow.com

For more information

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



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