



## SAMSUNG SMART SIGNAGE SMALL SIZED SEMI-OUTDOOR DISPLAY OM24E

LEVERAGE POWERFUL IMAGERY ON A COMPACT SCALE

Samsung's small-sized semi-outdoor signage provides business owners with a dynamic approach to delivering a coherent and ultimately purchase-inducing message to consumers as a window display of retail shops, real estate agencies and other locations.

- Realize new capabilities for engaging consumers through 1500 nit displays that bring absolute clarity to storefronts
- Built for maximized endurance that can ensure 24/7 unwavering quality
- Utilize enhanced features including Wi-Fi and low noise that are fully adaptable to semi-outdoor environments
- Discover unparalleled usability and significant cost savings through use of SSSP3.0 and auto brightness sensor

# HIGH VISIBILITY WITH BRILLIANT PICTURE QUALITY

## Unparalleled and immaculate picture quality

Bright enough to contend with sunlight penetrating through windows, OM24E displays are an optimized window display solution for semi-outdoor applications. Unlike anything else presently available on the market today, the ability to achieve and project vivid imagery in your outdoor signage has never been easier, due to innovations such as circular polarizing technology that fully addresses any challenges that come with semi-outdoor installations. Clarity and vivid brightness can emanate from your outdoor display, while the high contrast ratio allows for vibrant and meticulous detail to project your desired message.



- **Enhanced clarity that delivers optimum brightness**  
Outdoor signage displays that boast of 1,500 bit brightness in order to accommodate crisp and high quality visuals that you cannot expect to find available anywhere else on the market.
- **True depths of deeper black with an ultra-high contrast ratio**  
Featuring video displays that utilize a high 4,000:1 contrast ratio that enable outdoor signage to emanate true and deep blacks, while providing vivid quality by capably contending with ambient light.
- **Circular polarizing technology that overcomes the visual limitations of displays**  
Regardless if the display has been installed broadwise or palewise, the OM24E Series contains circular polarizing technology that combats the visual impairment effects that LCD displays are known to cause, which allows for the screen to be completely visible to viewers who are wearing polarized sunglasses.

# PERFECTLY CRAFTED FOR ENDURANCE, DURABILITY AND CONSISTENCY

## Protection from damaging effects of heat and radiation

Be assured of having your messages and visuals projected 24/7 even when the display is exposed to direct or indirect sunlight. OM24E display has been designed in such a way to uphold its integrity despite rigorous internal testing to all manners of environmental hazards, such as effective use of a heat-reflecting panel that can withstand temperatures of up to 110°C (230°F).

## Heightened durability and 24/7 uptime

Semi-outdoor signage communication with the general public requires a consistent and credible performance that can only be provided by the 24/7 operation and robust durability of OM24E displays. The ability to operate 24/7 also helps reduce TCO and increase ROI for the customer.



# ENHANCED FEATURES OPTIMIZABLE TO SEMI-OUTDOOR ENVIRONMENTS

## Built-in Wi-Fi for flexibility and convenience

Multiple options for connectivity are available, including Wi-Fi connectivity and a mobile application which, when used together, allow for easier management overall. This highly flexible solution facilitates the ability for any mobile application to be run through a Wi-Fi network, making it even easier to modify or update content to be played on the display. To maximize usage of the built-in Wi-Fi feature, Samsung provides the MagicInfo Mobile Application, which can be used on a tablet or other mobile devices to easily deliver content to the display or to update the display's templates or content.

## Low noise emissions and minimized undesirable distraction

In-window digital displays possessing high brightness tend to generate more noise than ordinary displays and as the displays are typically installed inside the store's front window, this noise can detract from the store's image. OM24E Signage controls noise at 30 dBA at a 1-meter distance, tantamount to a whisper in a quiet library.



# EFFORTLESS MANAGEMENT AND SIGNIFICANT COST SAVINGS

## Integrated management of SSSP 3.0

Deploy a myriad of rich content with the OM24E built-in media player and simplified management through the 3rd Generation Samsung SMART Signage Platform (SSSP). The embedded, all-in-one 3rd Generation SSSP eliminates the need for a separate PC or media player to streamline operation of digital signage and improve total cost of ownership (TCO). New MagicInfo S3, a content management solution embedded in 3rd Generation SSSP enables you to create, deploy and manage content more easily than the previous version with an enhanced UI and UX. MagicInfo S3 leverages 3rd Generation SSSP, an open platform that offers compatibility with a myriad of third-party software to allow for heightened flexibility and usability with other applications.

## Customizable Auto Brightness sensor

Optimize brightness control while reducing the operating expenses and power consumption of displays with an automatic brightness sensor. You can customize the maximum and minimum brightness within a range of 200-nit to 1500-nit brightness to complement any environment and manage expenses, while extending the overall life of the monitor.



## SPECIFICATION

Model		OM24E
Display	Diagonal Size	23.8"
	Panel Type	S-VA
	Resolution	1920 x 1080 (16:9)
	Pixel Pitch (HxV)	273.9 x 273.9 mm
	Active Display Size (HxV)	525.888 x 295.812 mm
	Contrast Ratio	4,000:1
	Viewing Angle (H/V)	178/178
	Response Time	8 ms
	Display Color	8 bit - 16.7M
	Color Gamut	72%
	H-Scanning Frequency	67.5KHz
	Maximum Pixel Frequency	148.5Mhz
	V-Scanning Frequency	60Hz
	Brightness	1,500nit
	Dynamic Contrast Ratio	100,000:1
Connectivity	RGB In	Analog D-SUB
	Video In	HDMI
	Audio In	Stereo Mini Jack
	Audio Out	Stereo Mini Jack
Power	Power Supply	AC 100 - 240 V~ (+/- 10%), 50/60 Hz
Dimension	Set Dimension (WxHxD)	549.2 x 319.1 x 58.0 mm
	Package Dimension (WxHxD)	651.0 x 390.0 x 139.0 mm
Weight	Set Weight	3.5 kg
	Package Weight	4.8 kg
Mechanical Specification	VESA Mount	100 x 100 mm
	Bezel Width	10.5 mm
Operation Conditions	Temperature	0~50 °C
	Humidity	10~80 %
General Feature	Special	Polarized Sun Glasses Viewable in any direction, Portrait Installation Support, Button Lock, Lamp Error, tecton, Auto Brightness Control with Ambient Brightness Sensor, Anti Image Retention, Temperature Sensor, Pivot Display, MagicInfo S3, Smart Scheduling, RJ45 MDC
	Speaker	Mono
Internal Player	MagicInfo Support	Yes
Certification and Compliance	EMC	FCC (USA) : 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, GB17625.1-201
	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-1998, IRAM (Argentina) : IEC60950-1, SASO (Saudi Arabia) : IEC60950-1
Accessory	Included	External Brightness Sensor, Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries

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### SMART Signage

For more information about Samsung SMART Signage Small Sized Semi-outdoor Display OM24E, visit [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

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