



Samsung SMART Signage

XAJ Series

Impact Outdoor Audiences through Vibrant and Robust LED Presentation

With constant change and adapting business needs, outdoor digital signage must continue to create an inviting yet innovative environment to attract customers and retain loyalty. Samsung's XAJ Series is a state-of-the-art outdoor LED signage that complements any business with vibrant content presentation, along with an enhanced, outdoor-friendly design that saves cost and time during installation and operation. The XAJ Series is the ideal display to deliver captivating and meaningful content in any outdoor environment.

Highlights

- Vibrant, uniform content with consistent visibility in any outdoor setting
- Test-proven and IP validated performance under various environmental conditions
- Reinforced, lightweight aluminum cabinet with an expanded area for faster installation
- Convenient one-touch cabling for a simpler setup and a more stable connection
- Smart module with automatic calibration data saving for quick retrieval during repair
- Comprehensive real-time display monitoring for fast troubleshooting

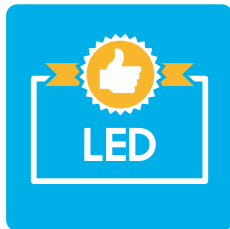
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Industry trend

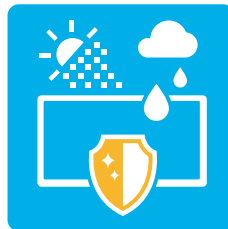
In an ever-changing world, businesses continue to look for new ways to capture audiences whenever and wherever they can, including crowded outdoor environments. And in these volatile outdoor settings, businesses seek cost-efficient, low-maintenance solutions that ensure lasting performance as lost time on operational malfunctions translates to lost opportunities. Therefore, it is essential for business managers to trust their tools to deliver critical messages without interruption.

Why Samsung XAJ?

Samsung's XAJ Series delivers up-to-date technology for consistent performance outdoors. Users are assured of the display's clear, bright presentation without unnecessary disruptions. The XAJ Series is a cost-efficient solution with its lightweight yet extremely durable design and convenient functionality, such as front and rear service and one-touch cabling, which enhances the ease of installation and maintenance.



Industry-Leading
Image Quality



All Weather
Conditions



Operational
Efficiency



Key features



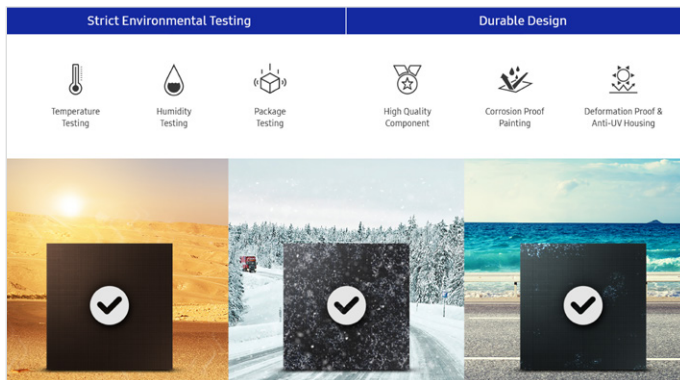
Clear, Consistent Picture

Regardless of weather or lighting, the XAJ Series delivers content at optimal visibility and uniformity. The displays can stream videos without distortion or interruption through a high refresh rate and deter light interference by maintaining a uniform high brightness at all times.



Environmentally Stable Design

The XAJ Series undergo strict testing to ensure ongoing performance when exposed to water, dust and outdoor elements. Ingress Protection (IP) validation confirms defense for the front(IP65) and back (IP45) of the display, ensuring continuous operation regardless of the environment.



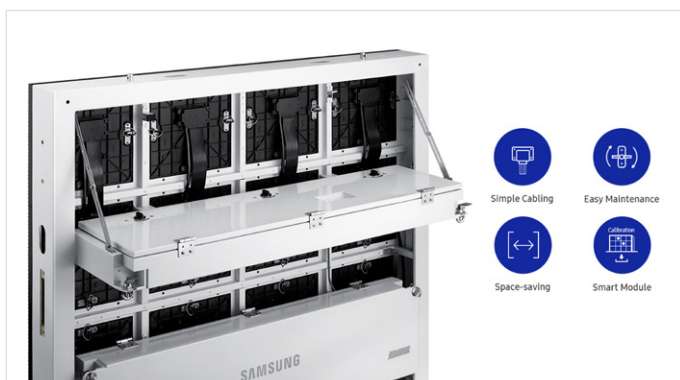
Durable, Reliable Outdoor Alternative

The XAJ Series is subject to environmental tests including exposure to high temperatures, a weather-enacting salt corrosion chamber and package vibration and drop testing. The display also has corrosion-proof painting and anti-UV, deformation-proof housing that extends its shelf life.



Lightweight, Resistant Design

A durable, lightweight aluminum cabinet with white coating allows the XAJ series to remain rust free and maintain lower temperatures under direct sunlight. The enlarged area of each cabinet also saves installation time.



Effortless Set-Up and Maintenance

Front and rear service capability allows for space-saving installation and easy maintenance. For added convenience, a simple and stable one-touch cable saves time during installation, while the smart module function allows for quick access to original calibration data for faster repairs.



Screen Stability Monitoring

The ability to remotely monitor the display's real-time status, including temperature, humidity, smoke, open cabinet door and more, allows users to easily prevent and troubleshoot errors.

Specifications

MODEL		XA060J	XA080J	XA100J
Physical Parameter	Pixel Pitch	6.0 mm	8.0 mm	10.0 mm
	Pixel Configuration	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue	1 Red, 1 Green, 1 Blue
	Pixel Density	27,778 m ² / 2,580 ft ²	15,625 m ² / 1,452 ft ²	10,000 m ² / 929 ft ²
	Diode Density	83,333 m ² / 7,742 ft ²	46,875 m ² / 4,355 ft ²	30,000 m ² / 2,787 ft ²
	Cabinet Configuration	192 x 192 pixels	160 x 160 pixels	128 x 128 pixels
	Diode Type	3-in-1 2727	3-in-1 3535	3-in-1 3535
	Dimensions (LxH)	1152 x 1152 x 174 mm (per cabinet)	1280 x 1280 x 177 mm (per cabinet)	1280 x 1280 x 177 mm (per cabinet)
	Weight	58 kg (per cabinet)	63 kg (per cabinet)	63 kg (per cabinet)
	Cabinet Construction	Aluminum	Aluminum	Aluminum
Optical Parameter	Brightness (after Cal.)	5,500 nit	6,300 nit	6,300 nit
	Contrast Ratio	3,000:1	3,000:1	3,000:1
	Viewing Angle - Horizontal	140°	140°	140°
	Viewing Angle - Vertical	90°	90°	80°
	Number of Colors	4.4 trillion colors	4.4 trillion colors	4.4 trillion colors
	Gray Scale Intensity (Bit-depth)	14bit	14bit	14bit
	Color temperature - Default	6,500K (+/- 500K)	6,500K (+/- 500K)	6,500K (+/- 500K)
	Color temperature - Adjustable	2,800 to 16,000K	2,800 to 16,000K	2,800 to 16,000K
Electrical Parameter	Input Power Range	100-120V or 200-240V VAC, 50/60Hz	100-120V or 200-240V VAC, 50/60Hz	100-120V or 200-240V VAC, 50/60Hz
	Power consumption - Max	753 W/m ²	702 W/m ²	670 W/m ²
	Power consumption - Typical	264 W/m ²	245 W/m ²	240 W/m ²
	Refresh rate	≥2000 Hz	≥2000 Hz	≥2000 Hz
Operation Conditions	Working Temperature	-30°C to 50°C (-22°F to 122°F) / 10-90% RH	-30°C to 50°C (-22°F to 122°F) / 10-90% RH	-30°C to 50°C (-22°F to 122°F) / 10-90% RH
	Cooling	Fan	Fan	Fan
	IP Rating	IP65 Front / IP45 Rear	IP65 Front / IP45 Rear	IP65 Front / IP45 Rear
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
Certification		EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service		Front and Rear Service	Front and Rear Service	Front and Rear Service

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SMART LED Signage

For more information about Samsung SMART Signage XAJ Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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