

## Specifications

Model	XA067T	XA100T	XA160T	
Physical Parameter	Pixel Pitch	6.67 mm	10.0 mm	16.0 mm
	Pixel Configuration	SMD 3-in-1	SMD 3-in-1	1 red, 1 green, 1 blue
	Pixel Density	22500 m <sup>2</sup> / 2090 ft <sup>2</sup> / 20736 per panel	10,000 m <sup>2</sup> / 929 ft <sup>2</sup> / 9953 per panel	3,906 m <sup>2</sup> / 363 ft <sup>2</sup> / 3,887 per panel
	Configuration (LxH, per cabinet)	144x144 pixels	96 x 96 pixels	60 x 60 pixels
	Diode Type	SMD2727	SMD2727	DIP346
	Diode Density	67500 m <sup>2</sup> / 6271 ft <sup>2</sup>	30,000 m <sup>2</sup> / 2,787 ft <sup>2</sup>	11,719 m <sup>2</sup> / 1,089 ft <sup>2</sup>
	Dimensions (mm, LxH, per cabinet)	960 x 960 x 125	960 x 960 x 125	960 x 960 x 135
	Physical Resolution of Panel (W x H)	144 x 144	96 x 96	60 x 60
	Dimensions (mm, LxH, per module)	320 x 320	320 x 320	320 x 320
	No. of Modules (Per Panel, W x H)	3 x 3	3 x 3	3 x 3
	Physical Resolution of Module (W x H)	48 x 48	32 x 32	20 x 20
	Weight (per cabinet)	35 kg	35 kg	40kg
	Weight Per m <sup>2</sup>	38 kg/m <sup>2</sup>	38 kg/m <sup>2</sup>	43.4 kg/m <sup>2</sup>
	Cabinet Construction	Aluminum Profile	Aluminum Profile	Aluminum Profile
Optical Parameter	Brightness (After Calibration)	6,000 nit	6,000 nit	7,300 nit
	Contrast Ratio	3,000:1	3,000:1	3,000:1
	Viewing angle - Horizontal	140°	140°	120°
	Viewing angle - Vertical	100° (+30/-60)	100° (+30/-50)	60° (+25/-35)
	Bit Depth	14 bit	14 bit	14 bit
	Number of colors	4.4 trillion colors	4.4 trillion colors	4.4 trillion colors
	Color temperature - Default	6,500K (+/- 500K)	6,500K (+/- 500K)	6,500K (+/- 500K)
	Color temperature - Adjustable	2800 ~ 16000K	2800 ~ 16000K	2800 ~ 16000K
Electrical Parameter	Input Power	100~120V VAC, 50/60 Hz or 200~240V VAC, 50/60 Hz	100~120V VAC, 50/60 Hz or 200~240V VAC, 50/60 Hz	100~120V VAC, 50/60 Hz or 200~240V VAC, 50/60 Hz
	Power consumption - Max	780W (W/m <sup>2</sup> )	780W (W/m <sup>2</sup> )	600W (W/m <sup>2</sup> )
	Power consumption - Typical	280W (W/m <sup>2</sup> )	280W (W/m <sup>2</sup> )	210W (W/m <sup>2</sup> )
	Refresh rate	≥ 4000 Hz	≥ 4000 Hz	≥ 1920 Hz
Operation Conditions	Working Temperature/ Humidity	-30°C to 50°C / 10~90%	-30°C to 50°C / 10~90%	-30°C to 50°C / 10~90%
	Storage Temperature/Humidity	-30°C to 60°C / 10~90%	-30°C to 60°C / 10~90%	-30°C to 60°C / 10~90%
	Cooling	Fanless	Fanless	Fanless
	IP Rating (Front/Rear)	IP65 / IP65	IP65 / IP65	IP65 / IP65
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
	Monitoring Function	Cabinet temperature, Receiving card status	Cabinet temperature, Receiving card status	Cabinet temperature, Receiving card status
Certification	Certification	EMC Class A, Safety 60950-1, CE, CB, UL, CCC, FCC, KC, BIS, EAC	EMC Class A, Safety 60950-1, CE, CB, UL, CCC, FCC, KC, BIS, EAC	EMC Class A, Safety 60950-1, CE, CB, UL, CCC, FCC, KC, BIS, EAC
Service	Service	Front&Rear	Front&Rear	Front&Rear
	Box Dimension (mm, LxHxD)	1040x1135x360(2pcs in 1 box)	1040x1135x360(2pcs in 1 box)	1040x1135x380(2pcs in 1 box)
Package	Box Volume (m <sup>3</sup> )	0.43	0.43	0.45
	Package Weight (kg)	96kg(1 box w/ 2 cabinets)	96kg(1 box w/ 2 cabinets)	106kg(1 box w/ 2 cabinets)
	Storage Temperature	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)
Storage Conditions	Stacking Limit	Shall not be vertically stacked beyond 2 Boxes	Shall not be vertically stacked beyond 2 Boxes	Shall not be vertically stacked beyond 2 Boxes
	Curve Installation	Concave	No specification limits	No specification limits
Convex		10° (4500R)	10° (4500R)	10° (4500R)

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### LED Signage

For more information about Samsung LED Signage, visit [www.samsung.com/business](http://www.samsung.com/business) or [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

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## Samsung SMART LED Signage XAT Series

Revitalize outdoor engagement

As more businesses turn to LED signage to distinguish themselves in crowded settings, Samsung's XAT series brings the power and impact LED displays to the outdoors. The XAT series is engineered to deliver essential business content to audiences outside, regardless of surrounding environmental or lighting conditions. An all-encompassing outdoor signage solution will help businesses achieve their goals and broaden their exposure without incurring substantial costs.

### Highlights

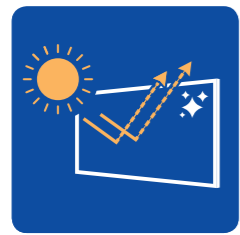
- Consistent visibility in any outdoor setting
- IP validated performance under various environmental conditions
- Reinforced design that maximizes users' convenience
- Slim, lightweight cabinet for faster installation and maintenance
- Over-voltage and over-current protection for enhanced safety
- Comprehensive support for a seamless management

## LED signage unlocks new outdoor business opportunities

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

## XAT series is optimized for engagement in outdoor environments

Samsung's XAT series expands business' opportunities to attract and intrigue key customers outdoors. The XAT series displays deliver clear and consistent business messages, but in a more affordable and cost efficient manner. It features durable design and convenient functionality, such as front service and simple cabling, which enhance the ease of installation and maintenance. In addition, every cabinet undergoes environmental testing to validate its performance against potential interference from heat, water and weather. Through this durable design, businesses can enjoy optimal operation anywhere and at any time. Our comprehensive expertise will solve businesses challenges.



High picture quality

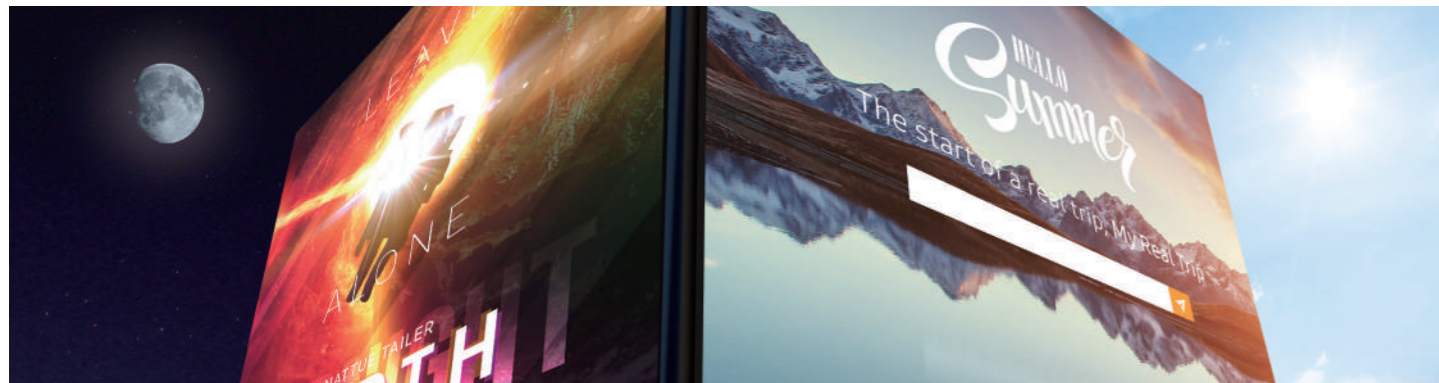


Outdoor reliability



Operational efficiency

## High picture quality



### Clear, consistent picture

Regardless of surrounding weather or lighting, XAT series delivers content at optimal visibility and uniformity. These 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.

## Outdoor reliability



### Durable in outdoor environments

The XAT series ensures ongoing performance when exposed to high temperature, high-humidity and a variety of natural and unintentional scenarios. This includes IP validation that guarantees excellent defense for both front (IP65 certified) and back (IP65 certified) sides of the display.

## Operational efficiency

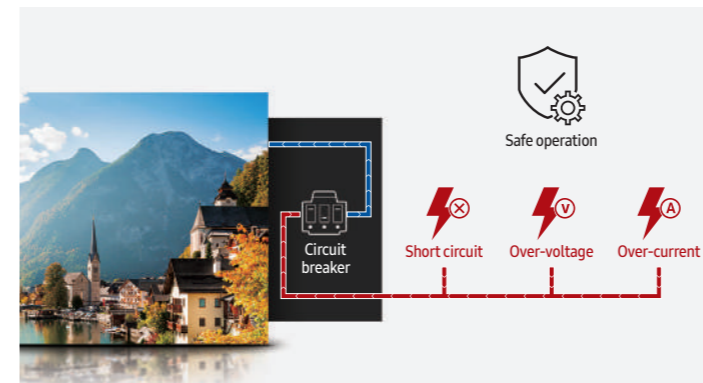


### User-friendly design

The XAT series is designed to reinforce users' convenience. The concealed handles allow for easy transportation and space efficiency. 'Plug-and-play' connectors at the bottom of the cabinet can save wiring time and dustproof brim design prevents the entry of dust inside of the cabinet.

### Effortless set-up and maintenance

A slim, lightweight cabinet and one-touch cabling saves cost and time during installation. In addition, both front and rear service capability allows for space-saving installation and easy maintenance.



### Safe and stable operation

The XAT series is built with meticulous attention to safety. An integrated circuit breaker ensure absolute protection from short circuit, over-voltage or over-current. This type of safeguard prevents the displays from suffering future damages.



### Comprehensive management

From planning to after-installation maintenance, Samsung guarantees a seamless signage management process that saves valuable time and money. Our experts design and configure displays that suit customers' needs and round-the-clock service helps alleviate problems and prevent any disruptions.