

SA-MGX SERIES

MICRO LED



DESCRIPTION

SA-MGX Series is Starview's latest LED technology using MicroLED Chip-on-Board (COB) technology. COB LED technology is becoming increasingly popular and Starview has developed the SA-MGX Series to provide a state-of-the-art visualization solution. Using this technology allows the display to achieve extremely large viewing angles and high contrast ratios. All this while maintaining a very high power efficiency ratio. In addition, it comes packed with the latest technology for easy installation and cabling.

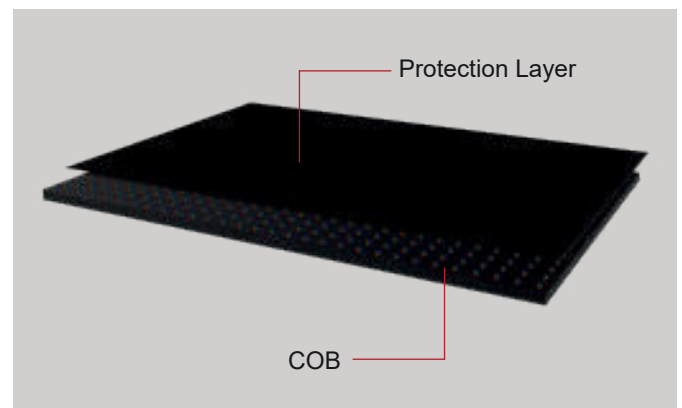
The SA-MGX Series offers 0.7, 0.9, 1.2, 1.5, 1.8 pixel pitch models, all of which are fully installable and serviceable from the front. With a 27" 16:9 cabinet, the SA-MGX Series is perfect for Full HD, 4K and 8K setups. Combined with its protective layer, it is ideal for those public spaces such as airports, train stations, museums and lobbies

FEATURES

Latest MicroLED COB LED Technology

By using the latest COB flip-chip MicroLED technology, the SA-MGX Series from Starview offers a coated surface which, on the one hand, makes the image appear more homogeneous compared to traditional SMD LED displays and, on the other hand, automatically provides a protective surface against external influences.

- Indoor 0.7, 0.9, 1.2, 1.5, 1.8mm Pixel Pitch
- COB Technology
- Cabinet: 600mm(W) x 337.5mm(H)
- Die Casting Aluminum



Technical specifications

SA-MGX Series

Model	SA-MGX P0.7	SA-MGX P0.9	SA-MGX P1.2	SA-MGX P1.5	SA-MGX P1.8
Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
Pixel Density	1,638,400 px/m ²	1,137,777 px/m ²	640,000 px/m ²	409,600 px/m ²	284,444 px/m ²
LED Chip	Flip Chip COB				
Module Size (W x H)	150 x 168.75 mm			300 x 168.75 mm	
Module Resolution (W x H)	192 x 216 pixels	160 x 180 pixels	240 x 135 pixels	192 x 108	160 x 90 pixels
Number of scans	1/54	1/54	1/120	1/108	1/90
Surface Treatment	Matt COB				
Surface Hardness	4H				
Cabinet Size (W x H x D)	600mm x 337.5mm x 35.5mm (Customize) Aspect ratio: 16:9				
Cabinet Weight	4kg				
Cabinet Resolution (pixels)	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180
Material	Die-casting Aluminium				
Brightness	600 nits				
Display Color	14 bit (Allow upgrade 16 bit)				
Brightness uniformity (corrected)	≥99%				
Chromaticity uniformity (corrected)	± 0.001				
Refresh Rate	3840Hz				
Contrast Ratio	20,000:1 (Condition without lighting)				
Color Temperature	3,000K-15,000K				
Viewing Angle (H/V)	175°/175°				
Input Voltage	AC 100~240V 50/60Hz				
Data Transfer Method	RJ45				
Max. Power Consumption (White Balance 600nits)	375W/m ²		350W/m ²		325W/m ²
Average power consumption (White Balance 600nits)	110W/m ²		100W/m ²		90W/m ²
Environment	Indoor only				
Maintenance	Front Service				
IP level	IP54				
LED lifespan	100,000 hours				
Operating Temperature / Humidity	-10°C~+60°C/10%RH~90%RH (non condensing)				
Storage Temperature / Humidity	-10°C~+60°C/10%RH~90%RH (non condensing)				
Runtime	24/7				
Additional Components (Option)	<ul style="list-style-type: none"> - Remote power supply (SA-PWL5; SA-PWL10; SA-PWL20; SA-PWL30, SA-PWL40) - Video wall processor: SLC2 Pro, SLC4 Pro, SLC6 Pro, SLC13 Pro, C2X series, C3X series, C4X series: <ul style="list-style-type: none"> Support configure, control and manage LED Video Wall system remotely - Video Wall Mount: SA-LMS 				

STARVIEW REMOTE POWER SUPPLY

Model	SA-PWL5	SA-PWL10	SA-PWL20	SA-PWL30	SA-PWL40
Input Voltage	100 ~ 400 VAC @ 50-60Hz				
Power Output	5 kW	10 kW	20 kW	30 kW	40 kW
Protection Function	With over-current, over-voltage, short-circuit, circuit-break, overload, surge and other protection functions				
Maximum Distance from Video Wall	300 m				

For technical or sales support, please visit:

www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

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