

S-LSMD-OD SERIES

OUTDOOR SMD LED



DESCRIPTION

S-LSMD-OD Series is Starview's outdoor SMD LED display engineered for high brightness and all-weather reliability. Sealed cabinets and high-grade LEDs ensure clear, vivid images under direct sunlight and in harsh outdoor conditions.

Ranging from 2.9 to 10mm pixel pitch on a 500 x 250mm module, it is suited to building facades, advertising billboards, stadiums and outdoor public displays that must remain readable day and night.

FEATURES

All-Weather Outdoor SMD Technology

High-brightness SMD LEDs with weather-sealed cabinets deliver strong sunlight readability, wide viewing angles and dependable performance across a wide temperature and humidity range for continuous 24/7 outdoor operation.

- Outdoor 2.9 - 10mm Pixel Pitch
- High-Brightness SMD
- Module: 500mm(W) x 250mm(H)
- Weatherproof Sealed Cabinet



Technical specifications

S-LSMD-OD Series

Model	S-LSMD-ODP2.9-4K5	S-LSMD-ODP3.9-6K	S-LSMD-ODP4.8-6K	S-LSMD-ODP6.2-6K	S-LSMD-ODP7.8-6K	S-LSMD-ODP10-6K
Pixel Pitch (mm)	2.97	3.91	4.81	6.25	7.81	10.42
Pixel Density (px/m ²)	112,896	65,536	43,264	25,600	16,384	9,216
LED Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Module Size (W x H, mm)	500 x 250					
Module Resolution (W x H, px)	168 x 84	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24
Number of Scans	Static 1/21	Static 1/16	Static 1/13	Static 1/8	Static 1/4	Static 1/2
Cabinet Size (W x H x D, mm) (Customize)	1000 x 1000 x 83 (customizable 500/750 H)					
Cabinet Weight	22.5 kg					
Cabinet Resolution (px)	336 x 336	256 x 256	208 x 208	160 x 160	128 x 128	96 x 96
Cabinet Material	Aluminium frame + plastic module base					
Brightness	4500 nits	6000 nits	6000 nits	6000 nits	6000 nits	6000 nits
Display Color	14 bit (proc. 16 bit)					
Refresh Rate	3840 Hz					
Contrast Ratio	10,000:1					
Color Temperature	1000 - 18500 K (adjustable)					
Viewing Angle (H/V)	160 / 160					
Input Voltage	AC 90-264V 47-63Hz					
Data Transfer Method	RJ45					
Max. Power Consumption	800 W/m ²	600 W/m ²	780 W/m ²	780 W/m ²	780 W/m ²	780 W/m ²
Average Power Consumption	200 - 300 W/m ²	100 - 200 W/m ²	100 - 200 W/m ²	100 - 200 W/m ²	100 - 200 W/m ²	100 - 200 W/m ²
Environment	Outdoor					
Maintenance	Front / Back					
IP Level	IP65					
LED Lifespan	100,000 hours					
Operating Temperature	-20 ~ +60°C					
Operating Humidity	10% - 85% RH (Non-condensing)					
Storage Temperature	-20 ~ +60°C					
Storage Humidity	10% - 85% RH (Non-condensing)					

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

Copyright © 2026 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 William Street, Melbourne VIC 3000, Australia