



OS Series

Flexible in shape

Front & Rear Maintenance

Thin & Light

Durable in Outdoor

Product Feature

- Flexible in shape / 3 different pixel pitches built in 1 cabinet.
- Seamless installations with concave, convex or wave formations.
- Support front and rear maintenance.
- Auto fan for better heat release. / Air switch, short circuit protection, more safety.
- Dustproof structure design to ensure high effectively blocking dust
- High quality SMD/DIP with good durability and low-attenuation. UV resistant and weatherproof.

Applications



Product Specifications

Model Name		OS2.5	OS3	OS4	OS5	OS6.6	OS8	OS10
Basic parameter	Pixel Pitch	2.5mm	3.076mm	4mm	5mm	6.67mm	8mm	10mm
	Pixel Configuration	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
	Pixel Density (m ²)	160,000pixels/m ²	105,625 pixels/m ²	62,500 pixels/m ²	40,000 pixels/m ²	22,500 pixels/m ²	15,625 pixels/m ²	10,000 pixels/m ²
	LED Package type	SMD1415	SMD1415	SMD1921	SMD1921/2727	SMD2727	SMD2727/3535	SMD2727/3535
	LED Lifetime Hr (24Hr, Luminance 50% down)	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Physical parameter	Physical Resolution of Module (W x H)	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24	40 x 20	40 x 20
	Physical Resolution of Cabinet (W x H)	256 x 256	208 x 208	240 x 240	192 x 192	144 x 144	120 x 120	120 x 120
	LED Module Dimensions (mm)	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160
	No. of Modules Per Cabinet (W x H)	2 x 4	2 x 4	3 x 6	3 x 6	3 x 6	3 x 6	3 x 6
	Cabinet Dimensions (W x H x D) (mm)	640 x 640 x 100	640 x 640 x 100	960 x 960 x 100	960 x 960 x 100	960 x 960 x 100	960 x 960 x 100	960 x 960 x 100
	Weight Per Cabinet (kg/Cabinet)	13±5%	13±5%	30±5%	30±5%	30±5%	30±5%	30±5%
	Cabinet Material	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting
Optical Parameter	Brightness (cd/m ²)	>5,000	>5,000	>5,500	>5,500	>5,500	>5,500	>5,500
	Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1
	Front Mask for C/R	Mask	Mask	Mask	Mask	Mask	Mask	Mask
	Viewing Angle (H/V)	140° / 120°	140° / 120°	140° / 120°	140° / 120°	140° / 120°	140° / 120°	140° / 120°
	Refresh Rate (Hz)	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz	1920 ~ 3,840 Hz
	Bit-depth(bit)	13-14 bit	13-14 bit	13-14 bit	13-14 bit	13-14 bit	13-14 bit	13-14 bit
	Scan method	1/16	1/13	1/10	1/8	1/6	1/4	1/2
	Colours	4 trillion	4 trillion	4 trillion	4 trillion	4 trillion	4 trillion	4 trillion
	Color Temperature - Default	6500K±500K	6500K±500K	6500K±500K	6500K±500K	6500K±500K	6500K±500K	6500K±500K
	Electrical Parameter	Max Power Consumption (w/m ²)	860	860	800	800	780	780
Typical Power Consumption (w/m ²)		280	280	260	260	250	250	250
Power		AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
Operation Conditions	Operating Temp/Humidity	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%	-20 - 40°C / 10% - 80%
	Storage Temp/Humidity	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%
	Cooling	Natural Cooling	Natural Cooling	Natural Cooling	Natural Cooling	Natural Cooling	Natural Cooling	Natural Cooling
	IP Rating	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Certification	Safety	/	/	/	/	/	/	/
	EMC	/	/	/	/	/	/	/
Service	Servicing	Rear	Rear	Rear	Rear	Rear	Rear	Rear
Curve Installation	Curve Support (-:concave +: convex) (°)	/	/	/	/	/	/	/

System Configuration

