LITESTAR OFE-PRO Series Specs

Pixel Pitch	P2.976	P3.91	P4.81	P6.25	P7.81	P10.42
SMD Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density(dots/㎡)	112896	65536	43264	25600	16384	9216
Module Resolution	168X84	128X64	104X52	80X40	64X32	48X24
Module Size (mm)	500X250	500X250	500X250	500X250	500X250	500X250
Panel Dimension(W xH)(mm)	1000X1000X83(Customizable for 1500 width and 500/750 height)	1000X1000X83	1000X1000X83	1000X1000X83	1000X1000X83	1000X1000X83
Panel Resolution	336X336	256X256	208X208	160X160	128X128	96X96
Module quantity(W xH)	2X4	2X4	2X4	2X4	2X4	2X4
Panel Weight(kg)	22.5	22.5	22.5	22.5	22.5	22.5
Maintenance Mode	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Cabinet material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Brightness(Nits)	4500	6000	6000	6000	6000	6000
Color temperature(K)	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional
Viewing Angle(H,V)	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°
Best viewing distance	3-100m	4-100m	4-100m	6-150m	8-150m	10-200m
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Frame-changing Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Driving Mode	1/21 Scan	1/16 Scan	1/13 Scan	1/8 Scan	1/4 Scan	1/2 Scan
Grey Level	16bit	16bit	16bit	16bit	16bit	16bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840
Max power consumption(W/㎡)	800	650	650	650	650	650
Avg power consumption(W/㎡)	200-300	100-200	100-200	100-200	100-200	100-200
Grade	IP65	IP65	IP65	IP65	IP65	IP65
Power supply requirements	AC90-264V,47-63Hz					
Working Temp/Humidity(°C/RH)	-20~60°C/10%~85%					
Storage Temp/Humidity(°C/RH)	-20~60°C/10%~85%					
Cert	CCC/CE/RoHS/FCC/CB/TUV/IEC					

LITESTAR OFE-PRO Cabinets Features

● IP65 module with hub design

The module is designed to be waterproof, dust-resistant, and corrosion-resistant. It is affixed directly to the panel using a hub, eliminating the need for any ribbon cables or power cables on the module. This configuration enhances both signal and power transmission stability.

● Fast lock, easier install

Featuring a fast-lock mechanism, our cabinets ensure easy installation and quick assembly. This design not only simplifies the setup process but also enhances security, providing a more secure and stable configuration for the cabinets.

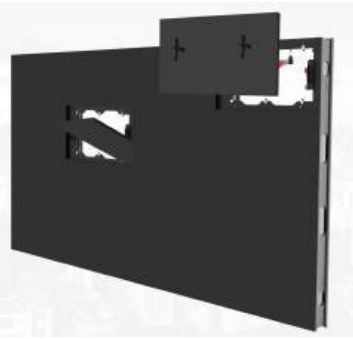
● Detachable system box

The power supply, hub card, and receiving card are all integrated within a modular system enclosure, guaranteeing safeguarding against water infiltration. This enclosure is designed to be removable, facilitating ease of replacement and maintenance for enhanced operational efficiency.

LITESTAR OFE-PRO Module Features

●Front/back accessible

A front/rear access module facilitates easier installation and maintenance. This design allows convenient access from both the front and rear, streamlining the process of setting up and maintaining the module.



● Thin cabinet

The cabinet boasts a sleek design with a minimal thickness of only 85mm/3.3‘, optimizing space without compromising functionality.

● Various cabinet size options are available, including 1000x1000mm, 1000x500mm, 1500x1000mm, 1000x750mm & 1500x500mm. This range of sizes provides flexibility to accommodate diverse requirements and preferences.

● Lightweight

The aluminum cabinet weighs only 22.5 kg/ m2(50lbs/10.7sq.ft), making it exceptionally lightweight and easy to install. This not only simplifies the installation process but also results in cost savings for both transportation and installation.

Better heat dissipation & IP66

● Fanless design,
With a fanless design, the LED display operates silently, ensuring noise-free performance. This design not only enhances user experience but also enables the display to operate more stably in dusty and humid environments.

● Better heat dissipation
Enhanced heat dissipation is achieved through a design where the module casing is exposed directly to the air. This eliminates the need for air conditioners for cooling, as the direct exposure optimizes the dissipation of heat, contributing to more efficient thermal management.

● IP66 protection
With an IP66 high ingress protection rating, the display is capable of operating under any harsh environmental conditions. This level of protection ensures resistance against dust and water ingress, making the display robust and reliable in challenging settings.

Ultra-high Brightness

10,000nits ultra-high brightness

● The utilization of customized big-chip LED lamps allows the display to achieve a remarkable brightness of 10,000 nits. This high brightness capability enhances picture quality, ensuring optimal visibility even under direct sunlight conditions.

● A brightness of 10,000 nits ensures that the display maintains excellent brightness even after years of continuous operation with brightness reduction. This long-term stability contributes to sustained and reliable visual performance over an extended operational lifespan.

● The inclusion of a large LED chip, an energy-saving drive IC, and an energy-efficient power supply collectively contribute to significant energy savings in the system. This combination optimizes performance while minimizing power consumption, aligning with a commitment to energy efficiency.

LITESTAR

OFE PRO IP66 SLIM LED DISPLAY

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