

Obsidian Series

Full Outdoor Advertising Machine

Fully Outdoor and Fully Waterproof

IP65 waterproof rating for all-weather outdoor applications.

Asynchronous Control

Built-in asynchronous play box, release programs through cloud control anytime and anywhere.

Super Wide Viewing Angle

UP to 170 degree viewing angles, deliver greater impact across a wider audience.

High Strength Glass for Complete Protection

Explosion-proof, anti-UV, anti-glare.

Automatic Brightness Adjustment

Equipped with a light-sensitive probe to automatically adjust the display brightness according to the ambient light, so as to save energy and avoid glare.



Up to
4,000nits 
peak brightness for your
HDR photos and videos

20,000:1 
high contrast ratio

16bit 
high grayscale

3840-7680Hz 
high refresh rate

Application Scenarios



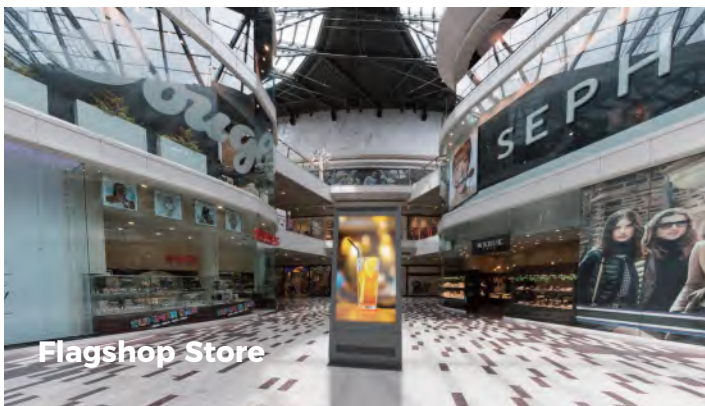
High-end Hotel



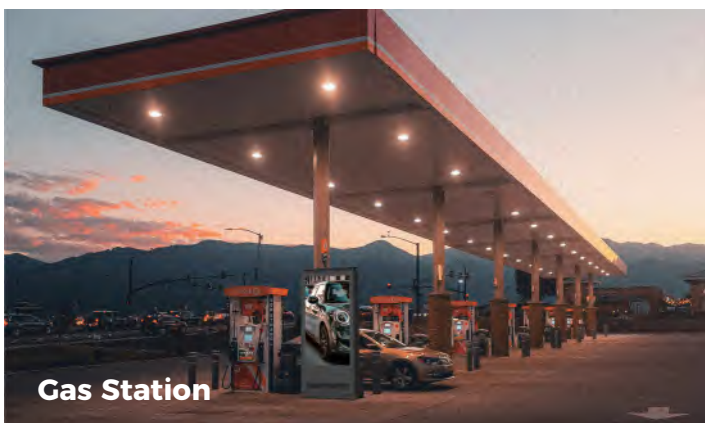
Museum



Exhibition Hall



Flagship Store



Gas Station



Shopping Mall



Android system



Built-in latest android system, so that it has richer functional applications, and it is more convenient and quick to use.



High strength and durability

High strength glass for complete protection with explosion-proof, anti-UV, anti-glare



Excellent display effect

Up to 4000 nits of brightness. An astonishing 20,000:1 contrast ratio and super wide viewing angle. Over a billion colours presented with exceptional accuracy and dynamic range that transforms the out of home landscape.



Double sided - Twice the impact

Double-sided display is wonderful and infinite.



Super fast servicing

Front clamshell design, open the cover to maintain the internal components, module magnetic installation, can be quickly replaced.

Product Size





Front Clamshell Design

Glass doors can be opened from the front for internal component maintenance.

High-protection all-weather Application

The entire machine is rated IP65, with an operational temperature range of -10°C to 50°C, ensuring reliable performance under demanding environmental conditions.



Easy Connection

The mobile phone is connected to the wifi hotspot of the control box, and the program can be released.



Cloud Control

Through the cloud account, programs can be released anytime and anywhere, without geographical restrictions, simple and convenient.



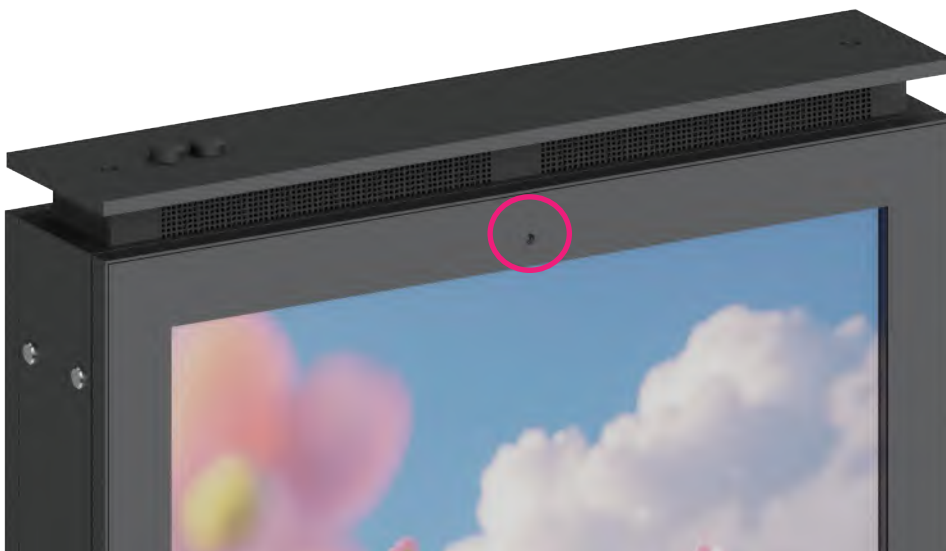
Wide View Angle

Viewing angle 170°/170°, advertising content can be easily accessed from all angles to improve the audience.



Automatic Brightness Adjustment

Equipped with light sensor, which can adjust the display brightness in real time according to the external light intensity, save energy while avoiding glare, and provide a good visual experience.



Specifications

MODULE PARAMETER	Pixel Configuration	MIP
	Pixel Pitch(mm)	P1.2 / P1.8
	Module Size(mm)(W×H)	270×240
	Module Resolution(W×H)	216×192 / 144×128
	Module Weight(kg)	1.1
OPTICAL PARAMETERS	Overall Dimensions(mm)	1280×550×2830
	Overall Weight(kg)	470
	Overall Resolution(W×H)	864×1536 / 576×1024
	Module Arrangement	4x8x2
	Cabinet Material	Metal plate
	Maintenance Mode	Front
OPTICS PARAMETERS	Brightness(nits)	3500-4000
	Max.Power Consumption(W)	3200
	Avg.Power Consumption(W)	1100
	Viewing Angle(H/V)	170°/170°
	Refresh Rate(Hz)	3840~7680
	Gray Scale(bit)	14~16
	Color Temp(K)	2000~9500
	IP Level	IP65
	Screen Flatness(mm)	≤0.10
	Frame Frequency(Hz)	50/60
	Working Voltage(V)	AC: 110V~240V, 50~60Hz
APPLICATION FEATURES	Operation Humidity(RH)	10%~90%, no condensation
	Operation Temp(℃)	-10~+40
	Storage Humidity(RH)	10%~90%, no condensation
	Storage Temp(℃)	-20~+50
	Lifetime (Hrs)	100,000
	Maintenance Mode	Front

The parameter index will change according to the specific situation of the project (the product shall be subject to the submitted contract specification)



SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

☎ 86+0755-2350 2825

🌐 www.szlpdisplay.com

✉ oversea@szlpdisplay.com

📍 11th Floor, Building 1, Huidongsheng industrial Park, No. 1028 Guangqiao Avenue, Yulu Community, Yutang Street, Guangming District, Shenzhen, China.



Company
Official Website