![LPDISPLAY logo] **LPDISPLAY**

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

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

1080mm

1920mm

262mm

550mm

1280mm

2830mm
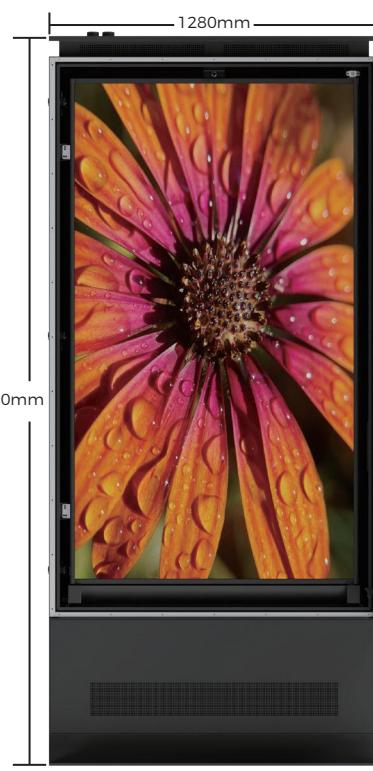
Front Clamshell Design

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.
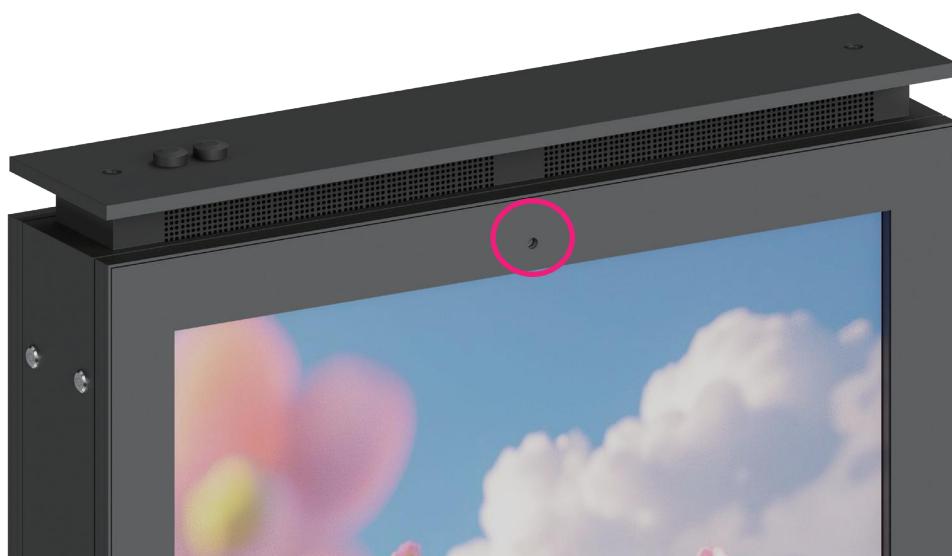
Specifications

MODULE PARAMETER	Pixel Configuration	MIP
	Pixel Pitch(mm)	P1.2 / P1.8
	Modle Size(mm)(W×H)	270×240
	Modle 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 wil change acording to the specific situation of the project (the product shallbe subject to the submited contract specification)

Application Scenarios

High-end Hotel
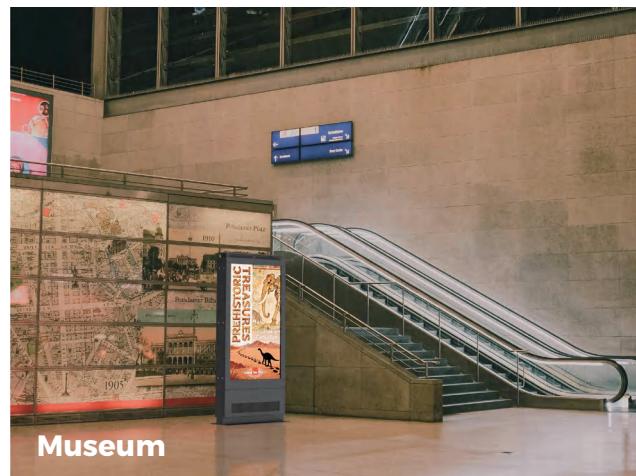
Museum

Exhibition Hall

Flagshop Store

Gas Station

Shopping Mall
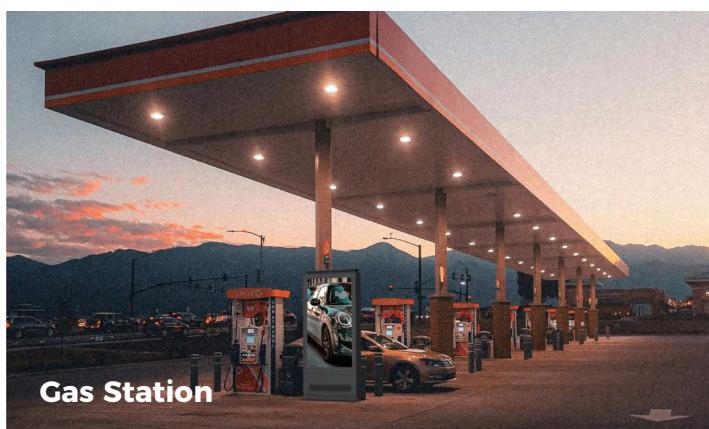
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