



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



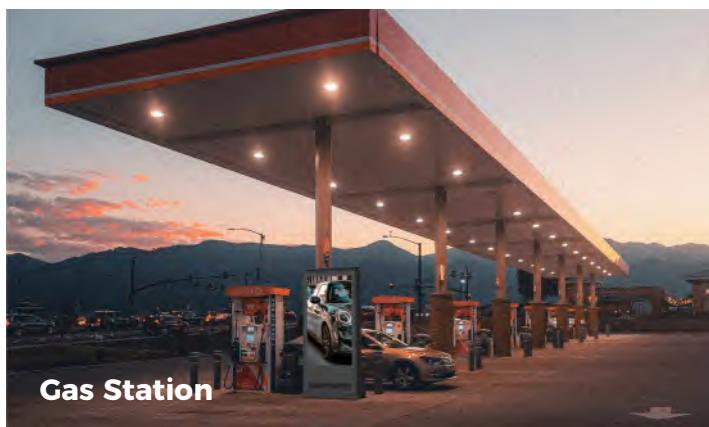
Exhibition Hall



Flagship Store



Shopping Mall



Gas Station



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 |
| | 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 |
| | Operation Humidity(RH) | 10%~90%, no condensation |
| APPLICATION FEATURES | Operation Temp(°C) | -10~+40 |
| | Storage Humidity(RH) | 10%~90%, no condensation |
| | Storage Temp(°C) | -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 submitted contract specification)



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