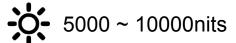
# OA3 Series

The perfect choice for slim type outdoor advertising



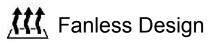


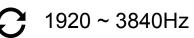
- Slim Shape













**Die-Casting Magnalium** 



High-quality PCB



#### **Die-Casting Magnalium Cabinet**

The OA3 series have become popular in the field of outdoor advertising LED displays. To make this product stable and reliable, we have carefully selected high-quality materials and built the cabinet with die-casting magnalium. Out of consideration for clients' requests and different application scenes, the shape and size of our OA3 series are slim and concise.

It aims at slim type outdoor advertising. The pixel pitches are P4, P5, P6, P8, P10 and P16.

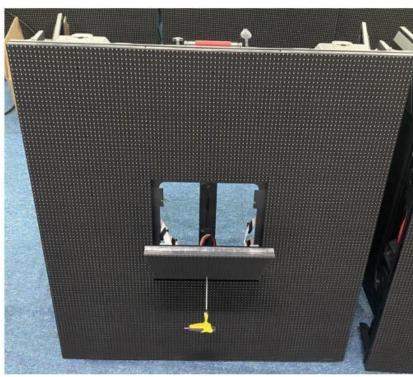
### Slim Design, Light Weight

The concise cabinet and light weight are designed to reduce the pressure of constructions and transportation.

The cabinet is die-casting magnalium. The screen only weighs 29.5kgs per cabinet. Meanwhile, the die-casting cabinet looks neat and elegant.







# **Front Access Design**

With front access design, all components, such as power box, receiving card and other accessories, can be removed from the front. You don't need to leave any space in the back of the LED cabinet.

#### **Fanless Design, Better Heat Dissipation**

Thanks to the die-casting magnalium shell of cabinets, the LED screen is capable of dissipating heat without fans or air conditioners. This design will also reduce weight of the LED display and save energy. Meanwhile, the die-casting magnalium shell will segregate heat from outside and protect the inner modules. Thus, the LED screen will function more stably.

There is no fans on the cabinet. That means the outside dust and humidity will not be sucked into the cabinet because of the running fans, which increases the waterproof and dustproof grades. Meanwhile, the heat sink strips are on the cabinet door, which helps to dissiapte the heat faster.





# **Low Power Consumption**

We use customized PCB and power supply, so average power consumption is less than  $150W/m^2$ . Compared with the similar products in the market, the display saves 20% energy.

#### **Superior Visual Effects**

Our outdoor digital signage has brightness(5,000-10,000nits),ultimate refresh rate(1,920-3,840Hz),and high gray scale(13bits-16bits). Wide horizontal and large viewing angles of our LED signage is up to 160°





#### **Stable Performance**

Thanks to the adoption of high-quality standard material for the screens, such as superb power supply, driving IC and LED, the screen is able to work properly for more than 8 years.

#### **Application Fields**

In order to fit each different scene, the OA3 series is made up of superior quality materials with the concise and strong cabinet. This product is usually used in:

- Stages;
- Sports Events;
- Shopping Center.









#### **OA3 Parameters**

ltem	P4	P5	P6.6	P8	P10	P10	P16
Pixel Pitch	4mm	5mm	6.667mm	8mm	10mm	10mm	16mm
LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	DIP346	DIP346
Module Resolution	80dots × 40dots	64dots × 32dots	48dots × 48dots	40dots × 40dots	32dots × 32dots	32dots × 16dots	20dots × 20dots
Driving Mode	1/10scan	1/8scan	1/6scan	1/5scan	1/2scan	1/4scan	Static
Module Pixels	3,200dots	2,048dots	2,304dots	1,600dots	1,024dots	512dots	400dots
Module Size	320mm × 160mm	320mm × 160mm	320mm × 320mm	320mm × 320mm	320mm × 320mm	320mm × 160mm	320mm × 320mm
Cabinet Size	960mm × 960mm × 110mm	960mm $\times$ 960mm $\times$ 110mm	960mm × 960mm × 110mm	960mm × 960mm × 110mm	960mm × 960mm × 110mm	960mm × 960mm × 110mm	960mm × 960mm × 110mm
Cabinet Resolution	240dots × 240dots	192dots × 192dots	144dots × 144dots	120dots × 120dots	96dots × 96dots	96dots × 96dots	60dots × 60dots
Pixel Density	62,500dots/m²	40,000dots/m²	22,500 dots/m²	15,625dots/m²	10,000dots/m²	10,000dots/m²	3,906dots/m²
Minimum Viewing Distance	≥4m	≥5m	≥6m	≥8m	≥10m	≥10m	≥16m
Brightness	6,000nits~7,000nits	6,000nits $\sim$ 6,500nits	5,500nits~6,500nits	5,000nits~5,500nits	5,500nits~6,500nits	≥7,000nits	7,000nits~10,000nits
IP Grade	IP65						
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz∼3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits∼24bits	13bits $\sim$ 24bits	13bits∼24bits	13bits∼24bits	13bits∼24bits	13bits∼24bits	13bits∼24bits
Viewing Angle	H:160° / V:160°	H:120° / V:60°	H:120° / V:60°				
Maximum Power Consumption	800W/m²	800W/m²	800W/m²	800W/m²	800W/m²	370W/m²	370W/m²
Average Power Consumption	280W/m²	280W/m²	280W/m²	230W/m²	230W/m²	90W/m²	90W/m²
Input Voltage	AC220V~AC110V @ 50Hz / 60Hz						
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Magnesium	Die-casting Magnesium	Die-casting magnalium				
Cabinet Weight	29.5kg/m²	29.5kg/m²	29.5kg/m²	29.5kg/cabinet	29.5kg/cabinet	29.5kg/cabinet	29.5kg/cabinet
Operating System	Windows (Win7, Win8, etc.)						
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.						