

OA3 Series

The perfect choice for slim type outdoor advertising





PREMTECO INNOVATIVE VISUAL TECHNOLOGIES



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 highquality 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 30kgs 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.



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Low Power Consumption

We use customized PCB and power supply, so average power consumption is less than 150W/m². 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.



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Ibim	P4	P5	P6.6	Pá	P10	PTO	P16
Pixel Pitch	- Amm	Smn	6.667mm	finn	10mm	10mm	16mm
ID Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	DIPOr6	DIPORE
Nodule Resolution	BOdots = 4 Odots	64 dicts. = 30 dicts.	é findicas. 🛩 é findicas.	4 Oxfots = 4 Oxfots	30'dots = 30'dots	30xdots. = 16xdots.	20dots = 10dots
Driving Mode	1/f0scan	16xcan	16scan	15ecan	10xcan	1Racan	Static
Nockule Pitrele	3,200dots.	2,04 Bidots	2,304 dots.	1,600dots	1,024 dots.	512dots.	200dots.
Nockule Size	320mm = 160mm	320mm = 160mm	320mm = 320mm	320mm = 320mm	320mm = 320mm	320mm = 160mm	320mm = 160mm
Cabinet Size	960mm = 960mm = 110mm	960mm = 960mm = 110mm	960mm = 960mm = 110mm	960mm = 960mm = 110mm	960mm = 960mm = 110mm	960mm = 960mm = 110mm	960mm × 960mm × 110mm
Cabinet Resolution	24 Odots. + 24 Odots.	192dots = 192dots	144 dots. + 144 dots.	120dots = 120dots	96dots = 96dots	96dote. = 96dote.	60dots. = 60dots.
Pixel Density	62,500dotu.te/	40,000dotu.te/	22,500 dots.tt/	15,625dots.itr/	10,000dotu/te/	10,000dotute/	3,906dots.tt/
Minimum Viewing Distance	atm	aten	aim	aten	ation	atom	a16m
Brightness	6,000nits/~7,000nits.	6,000nits/~6,500nits.	5,500nits/~6,500nits	5,000nits/~5,500nits.	5,500nits/~-6,500nits	#7,000nits.	7,000nits/~10,000nits.
PGrade	P65	P65	P65	P65	P65	P65	P65
Refresh Rate	1,920Hz /- 3,040Hz	1,920Hz /- 3,040Hz	1,920Hz 3,040Hz	1,920Hz /-3,040Hz	1,920Hz /- 3,040Hz	1,920Hz/~3,040Hz	1,920Hz ~- 3,040Hz
Gray Scale	13bits/-24bits	13bits/-24bits	13bits/~24bits	13bits/~24bits	13bits/-24bits	13bits/-24bits	13bits/~24bits
Viewing Angle	H:160° / V:160°	H:160" / V:160"	HH60*/VH60*	H:160° / V:160°	H:160" /V:160"	Htt20"/V60"	H:120*/V60*
Maximum Power Consumption	ACOWIE!	800Wief	BODWIH!	ACOWIE!	800Wief	370Wie/	370Wief
Average Power Consumption	260Wief	280W/ef	260Wie/	230Wief	230Wief	90Wier	90Wief
nput Voltage	AC220V-AC110V@50Hz/60Hz	AC220V - AC110V@50Hz (60Hz	AC220V-AC110V@50Hz/60Hz	AC220V-AC110V@50Hz/60Hz	AC220V - AC110V@50Hz (60Hz	AC220V-AC110V@50Hz/60Hz	AC220V - AC110V @ 50Hz /60Hz
Operating Temperature	- 2010 6510	- 2010~-6510	- 2010/-6510	- 2010~-6510	- 2010~-6510	- 2010 - 6510	- 2010/-6510
Operating Humidity	10%90%	10%90%	10%-90%	10%90%	10%90%	10%-90%	10%-90%
Cabinet Material	Die-casting Magnesium	Dis-casting Magnesium	Die-casting magnalium	Die-casting magnalium	Die-casting magnalium	Dis-casting magnatium	Die-casting magnatium
Cabinet Weight	29.5kgitr'	29.5kg/c/	29.5kg/df	29.5kgkabinet	29.5kgitabinet	29.5kgkabinet	29.5kgitabinet
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Winil, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
ignal Source Compatibility	DVLHDMH 3, DP12, SDLHDM20, etc.	DVLHDMH.3.0P1.2.SDLHDM2.0.etc.	DVLHDMH 3, DP12, SDLHDM2.0, etc.	DVLHDMH 3, DP1 2, SDLHDM2.0, etc.	DVLHDMH 3, DP1 2, SDLHDM2.0, etc.	DVLHDMH.3. DP1.2. SDLHDM2.0. etc.	DVLHDMH.3. DP1.2. SDLHDM2.0. etc