OA1 Series

DIP LED Display-P10, P16, P20

Low Power Consumption

High Brightness (10,000nits)

1920Hz~3840Hz

3 Layers Coating Protection

Stable Outdoor Fixed Installation

13bits~16 bits

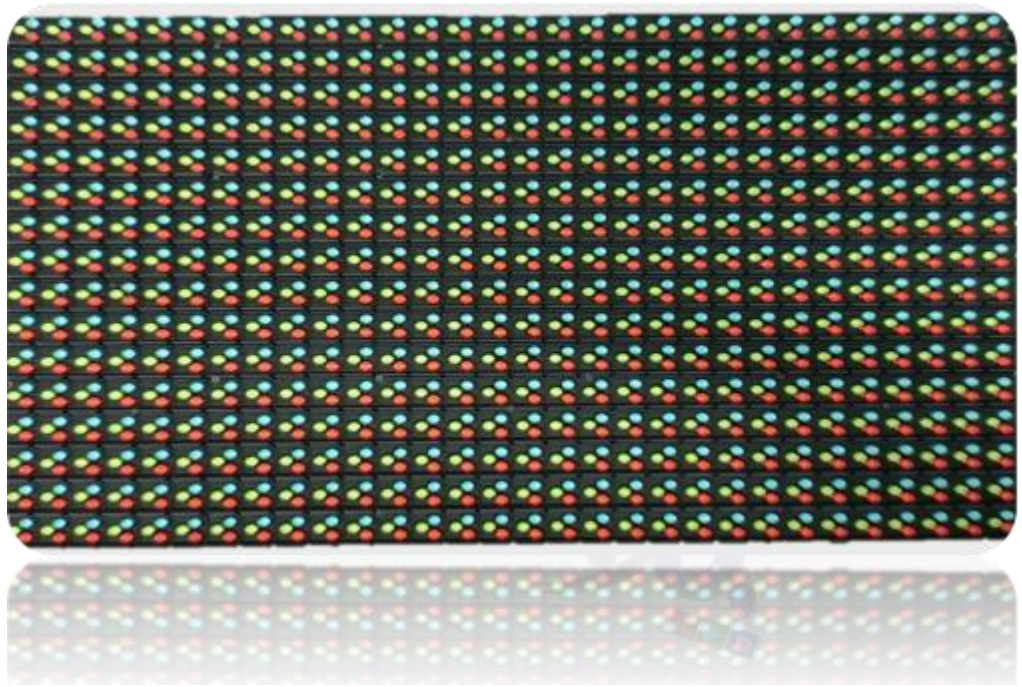
Low Power Consumption

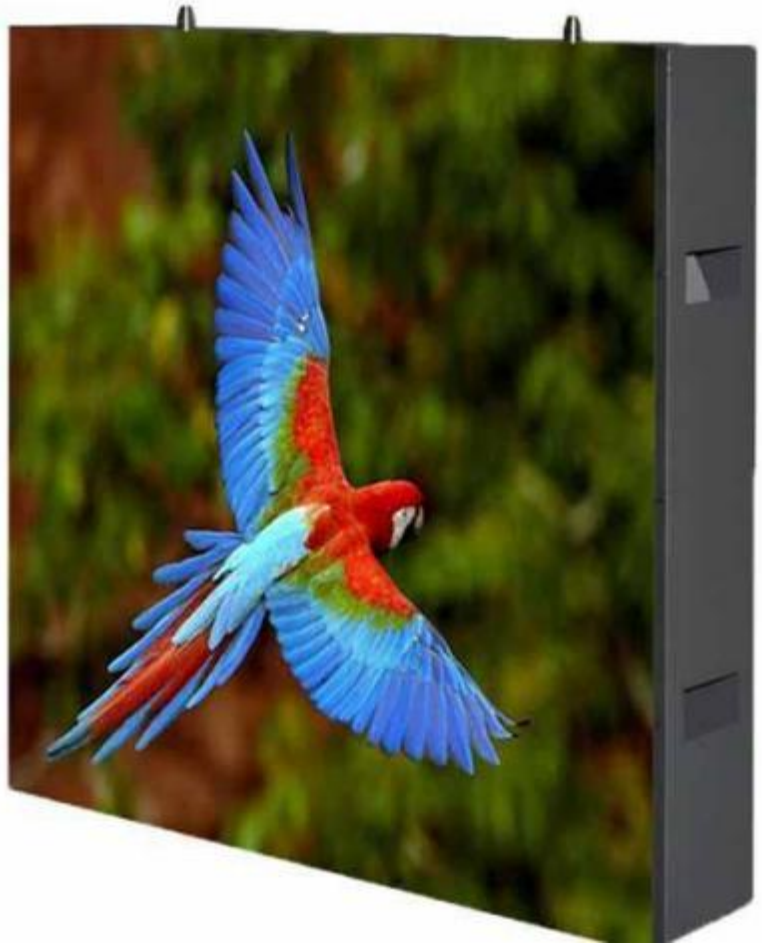
We use customized PCB and power supply, so average power consumption is less than 150W/㎡. Compared with the similar products in the market, the display saves 20% energy.

The pixel pitches are P10, P16, P20.

High Brightness

Gold bonding wire DIP LED with stable driving IC ensures the high brightness of 10,000nits and long lifespan of modules.





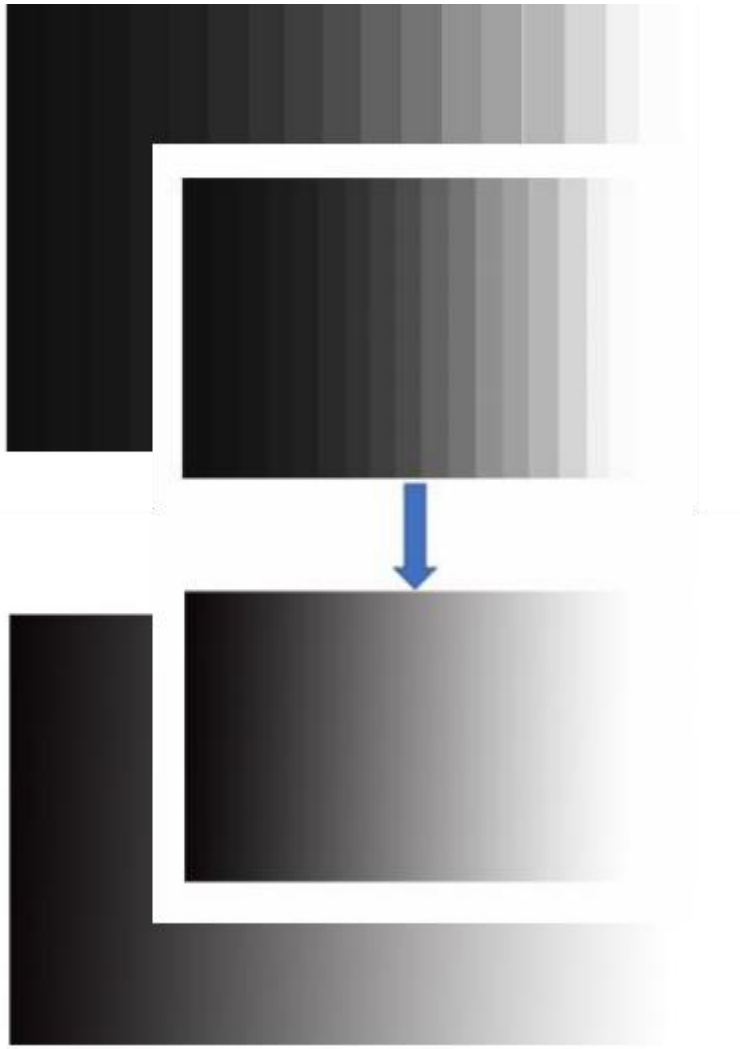
High Refresh Rate

The image on the screen is formed perfectly. One of the reasons is that the refresh rate can reach 3,840Hz.

High Protective Grades

3 layers high quality conformal coating protects the driving IC and other electron components from dust and humidity.

Strong signal cable brings more secure and the cables are looking neat.

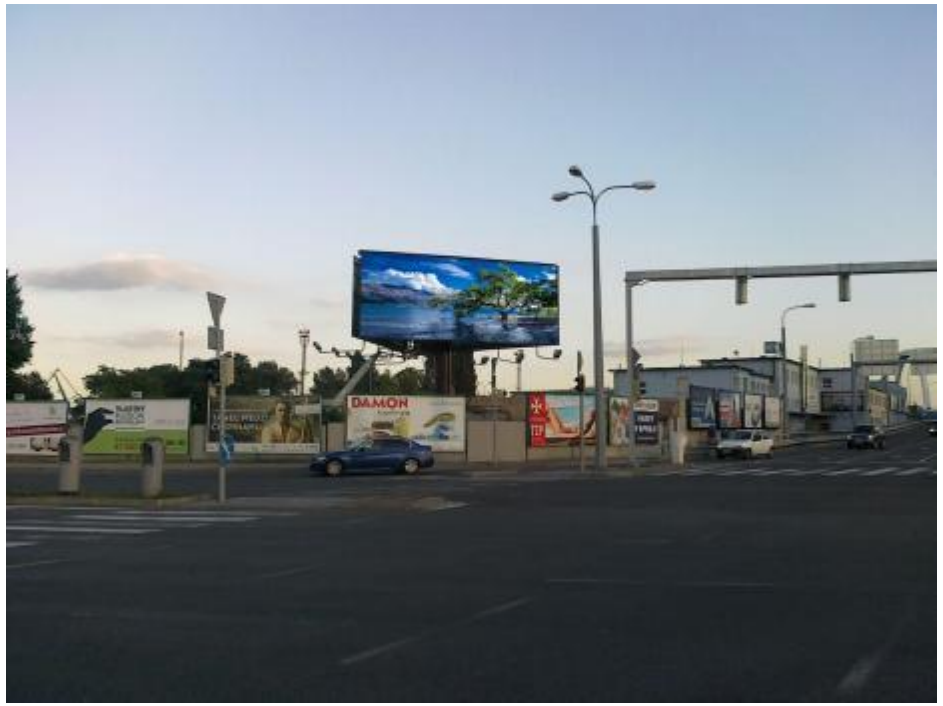


Great Gray Scale

Most LED screens from other suppliers have a low gray scale, so some of the colors can't be displayed on the screen, and the image on the LED screen appears like a ghost image. Our LED screen grays cale is 13bits ~ 24bits. It is very high so the image looks very vivid and perfect.

Stable Outdoor Fixed Installation

The LED display cabinet is made of steel material or aluminum material. We adopt the best materials and great crafts to manufacturing this LED display. Therefore, the LED screen functions are very stable in outdoor scenes.



- **Visual Performance**

- High Contrast: The contrast ratio of the LED screen gives sharp image quality.

- High Brightness: The brightness of the LED display can be up to 10,000nits. Even if the screen is facing the direct sunlight, the image still looks clear.

Stable Performance, Reliable Quality

We have sold many LED screens to different districts like American, European, Middle East, African, etc.

Many of our screens have been working for more than 5 years, and they are still working properly. They are the great solution for outdoor advertising billboards.

Application Fields

- Outdoor Advertising
- DOOH
- Truck

OA1 Parameters

Item	P10	P16	P20
Pixel Pitch	10mm	16mm	20mm
LED Type	DIP346	DIP346	DIP346
Module Resolution	32dots × 16dots	16dots × 16dots	16dots × 8dots
Driving Mode	1/4scan	static	static
Module Pixels	512dots	256dots	128dots
Module Size	320mm × 160mm	256mm × 256mm	320mm × 160mm
Cabinet Size	960mm × 960mm	1,024mm × 768mm	960mm × 960mm
Cabinet Resolution	96dots × 96dots	64dots × 48dots	48dots × 48dots
Pixel Density	10,000dots/㎡	3,906dots/㎡	2,500dots/㎡
Minimum Viewing Distance	≥10m	≥16m	≥20m
Brightness	≥7,000nits	7,000nits~10,000nits	6,000nits~7,500nits
IP Grade	IP65	IP65	IP65
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~24bits	13bits~24bits	13bits~24bits
Viewing Angle	H:120° / V:60°	H:120° / V:60°	H:120° / V:60°
Maximum Power Consumption	460W/㎡	520W/㎡	390W/㎡
Average Power Consumption	130W/㎡	150W/㎡	110W/㎡
Input Voltage	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz
Operating Temperature	-20℃~65℃	-20℃~65℃	-20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%
Cabinet Material	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum
Cabinet Weight	60kg/㎡ or 45kg/㎡	60kg/㎡ or 45kg/㎡	60kg/㎡ or 45kg/㎡
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.