OA2 Series

SMD Outdoor LED Display-P3.125, P3.57, P3.84, P5, P6.67, P8, P10

- 10,000nits
- HD High Resolution
- Energy Saving
- Wide Viewing Angle（160。）
- IP65
- 1920Hz-3840Hz
- High Contrast
- 3 Layers Coating Protection

High Brightness

High quality LED brings brightness up to 10,000nits.

The pixel pitches are P3.125, P3.57, P3.84,
P5, P6.67, P8, P10.

High Resolution

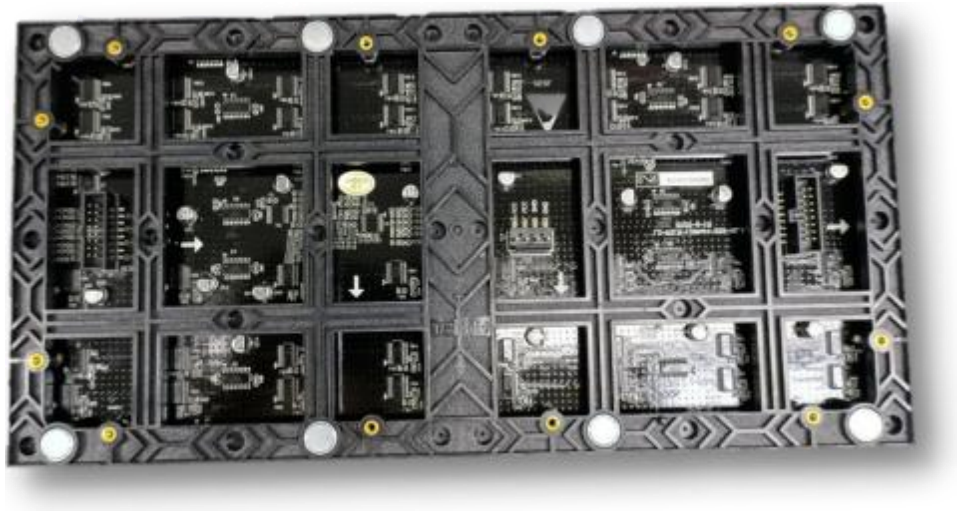
Fine pixel pitches form high resolution which can capture and hold the attention of passersby.

Energy Saving

We use customized PCB and power supply, so average power consumption is less than 150W/㎡ . Compared with the similar products in the market, our OA2 series LED display saves 20% energy.

Ultra-wide Viewing Angle

With 160。wide viewing angle, the screen can be seen from as various positions as possible.



Three Layers Coating Protection

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

High Refresh Rate

3840Hz refresh rate for high dynamic range pictures eliminates scan lines and flicker on the display at the moment we capture the display.

High grayscale ensures the premium vision and the LED display has vivid visual performance.

Low Refresh Rate

High Refresh Rate

Low Grayscale

High Grayscale

IP65 Grade Protection

IP65 ensures stable operation of the screen even in extreme weather as below: high temperature, low temperature and high humidity.

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

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

Application Fields

- Outdoor Advertising
- DOOH
- Truck

OA2 Parameters

Item	P3.125	P3.57	P3.84
Pixel Pitch	3.125mm	3.57mm	3.84mm
LED Type	SMD1415	SMD1415	SMD1415
Module Resolution	64dots x 64dots	56dots x 56dots	52dots x 52dots
Driving Mode	1/16scan	1/14scan	1/13scan
Module Pixels	4,096dots	3,136dots	2,704dots
Module Size(mm)	200mm x 200mm	200mm x 200mm	200mm x 200mm
Cabinet Size(mm)	1000mm x 1000mmm	1000mm x 1000mmm	1000mm x 1000mmm
Cabinet Resolution(dots)	320dots x 320dots	280dots x 280dots	260dots x 260dots
Pixel Density(dots/m²)	102,400dots/m²	78,400dots/m²	67,600dots/m²
Minimum Viewing Distance	≥3m	≥3m	≥3m
Brightness	6,000cd or 8,000cd	6,500cd or 8,000cd	6,000cd or 8,000cd
IP Grade	IP65	IP65	IP65
Refresh Rate	3840Hz	3840Hz	3840Hz
Gray Scale	13bis~24bits	13bis~24bits	13bis~24bits
Viewing Angle	H:160°/V160°	H:160°/V160°	H:160°/V160°
Maximum Power Consumption	800W/m²	800W/m²	800W/m²
Average Power Consumption	230W/m²	230W/m²	230W/m²
Inout Voltage	AC220V-AC110V @50Hz/60Hz		
Operating Temperature	-20℃~65℃		
Operating Humidity	10%~90%		
Cabinet Material	Iron		
Cabinet Weight	45kg/m²		
Operating System	Windows (Win7,Win8,etc)		
Signal Source Compatibility	DVI, HDMI1.3,DP1.2,SDI HDMI2.0,etc		

OA2 Parameters

Item	P5	P6.67	P8	P10
Pixel Pitch	5mm	6.67mm	8mm	10mm
LED Type	SMD1921	SMD2727	SMD3535	SMD3535
Module Resolution	64dots x 32dots	48dots x 24dots	40dots x 20dots	32dots x 16dots
Driving Mode	1/8scan	1/6scan	1/4scan	1/2scan
Module Pixels	2048dots	1152dots	800dots	512dots
Module Size(mm)	320mm x 160mm	320mm x 160mm	320mm x 160mm	320mm x 160mm
Cabinet Size(mm)	960mm x 960mm	960mm x 960mm	960mm x 960mm	960mm x 960mm
Cabinet Resolution(dots)	192dots x 192dots	144dots x 144dots	120dots x 120dots	96dots x 96dots
Pixel Density(dots/m²)	40,000dots/m²	22,500dots/m²	15,625dots/m²	10,000dots/m²
Minimum Viewing Distance	≥5m	≥6.67m	≥8m	≥10m
Brightness	10,000cd	10,000cd	10,000cd	10,000cd
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
Gray Scale	13 bits~24bits	13 bits~24bits	13 bits~24bits	13 bits~24bits
Viewing Angle	H:160°/V160°	H:160°/V160°	H:160°/V160°	H:160°/V160°
Maximum Power Consumption	800W/m²	800W/m²	800W/m²	800W/m²
Average Power Consumption	230W/m²	230W/m²	230W/m²	230W/m²
Inout Voltage	AC220V-AC110V@50Hz / 60Hz			
Operating Temperature	-20℃~65℃			
Operating Humidity	10%~90%			
Cabinet Material	Iron			
Cabinet Weight	45kg/m²			
Operating System	Windows (Win7,Win8,etc)			
Signal Source Compatibility	DVI, HDMI1.3,DP1.2,SDI HDMI2.0,etc			