

EMC LED display screen Series

Brief introduction:

1. The entire EMC Design scheme is leading in the same business line, cabinet structure design is simple but rigorous.
2. In the series of tests of CE, RE, Harmonic/Flicker Measurement, Electrostatic Discharge Test (ESD), RS, Surge Test, all the products shows the outstanding performance. Especially in the test of radiation Emission Measurement (RE), based on the Europe Norm EN55022 class-B, still leave a gap of 4-6DB to reach the standard limit.
3. The processing procedures for EMC design are simple, which can help mass production well as well as quality difference. High refresh frequency and gray scale (16bit) and support flaw points checking.
4. Module Kit is made from SABIC USA and Netherland PC material. The Module Copper Post is electroplated and can resist rust. This PC material is 94-V0 fireproof grade, anti-UV, durable in both high and low temperature, resist Acid and alkali corrupt, no distortion, no leak, durable in strong pull, triple waterproof, very suitable for long time indoor and outdoor application.



Available Items:

Model	Pixel Configuration	Driving Mode	Outdoor/Indoor	Cabinet size(mm)	Installation	EMC standard
P10	SMD3528	Real 1/8 scan	Indoor	1280*800*180	Hoisting & fixed	Class-B
P10	SMD5050	Real 1/4 scan	Outdoor	960*960*180	Sport perimeter	Class-B
P10	1R1G1B	Real 1/4 scan	Outdoor	960*960*180	Hoisting	Class-B
P16	1R1G1B	Real Static	Outdoor	1024*1024*180	Hoisting & fixed	Class-B
P16	1R1G1B	Virtual Static	Outdoor	1024*768*180	Hoisting & fixed	Class-B
P20	1R1G1B	Real Static	Outdoor	960*960*180	Hoisting & fixed	Class-B
P20	1R1G1B	Virtual Static	Outdoor	1280*960*180	Hoisting & fixed	Class-B

Aims to be your best led display supplier.

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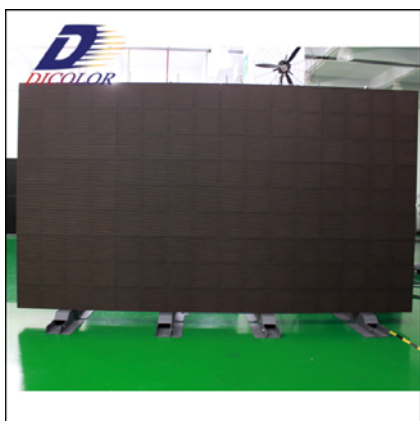
www.dicolor.cn, Address: Building 8, Tongfuyu Industry, Fuyong town, Bao'an District, Shenzhen, China

PH10mm SMD 1/8scan Indoor EMC Hoisting & fixed LED screen

Application: Mainly used for TV Station, concerts , trade shows , exhibits , conventions and other special events.

Showing:

1. Without ripple & flicker when use HD vidicon/camera to take video or picture;
2. Vivid picture/video effect, comfortable and not fatigue for audience's watching; looks like television in a suitable distance;
3. Higher contrast ratio, the better to restore the screen layering, the higher the sharpness of the image, quite clear for comfortable viewing.



Specification of P10 SMD

Pixel Pitch (mm)	P10 mm	Working Temperature	-20℃~65℃
Pixel Constitution	SMD3528	Working Humidity	60%
Module size	160mmx 160mm	Life Span	10 Years
Pixel Density (dot/m2)	10000 dots	Cabinet Net Weight	36KG
Driving Method	Real 1/8 Scan	Cabinet Size (W*H)	1280mm*800mm*180mm
Brightness (CD/m2)	1200 cd/m2	Working Voltage	AC 90V-260V, 50-60HZ
Gray Scale	12	Rating Power Consumption	600W/sqm
Viewing distance	10m~34m	Average Power Consumption	168W/sqm
Viewing Angle(°)	160 (H)/120(V)	Protection Grade	IP50
Fresh Frequency	240HZ&Above	Certificate	CCC,CE,EMC

Notes: Specification subject to change without prior notice.

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PH10mm SMD5050 1/4scan Outdoor EMC Sport perimeter LED screen

Application: Football stadium, basketball stadium....etc. Advertising screen; TV live LED screen.

Showing:

1. Superior Performance: vivid and brilliant colors, sharp images
2. Extremely wide viewing angle
3. Highly durable design ensures long lifespan and lower operation and maintenance cost.
4. Back bracket design realizes fast and easy installation.



Specification of P10 SMD			
Pixel Pitch (mm)	P10mm	Working Temperature	-20°C ~65°C
Pixel Constitution	SMD5050	Working Humidity	90%
Module size	160mmx 160mm	Life Span	10 Years
Pixel Density (dot/m2)	10000 dots	Cabinet Net Weight	49KG
Driving Method	Real 1/4 Scan	Cabinet Size (W*H)	960mm*960mm*180mm
Brightness (CD/m2)	4500 cd/m2	Working Voltage	AC 90V-260V, 50-60HZ
Gray Scale	13	Rating Power Consumption	600W/sqm
Viewing distance	10m~34m	Average Power Consumption	168W/sqm
Viewing Angle(°)	160 (H)/120(V)	Protection Grade	IP67
Fresh Frequency	400HZ&Above	Certificate	CCC,CE,EMC

Other available item:

Mode	Pixel Configuration	Driving Mode	Outdoor/Indoor	Cabinet size(mm)	Brightness(cd/m ²)
10mm	1R1G1B	Real 1/4 scan	Outdoor	960*960*180	6000

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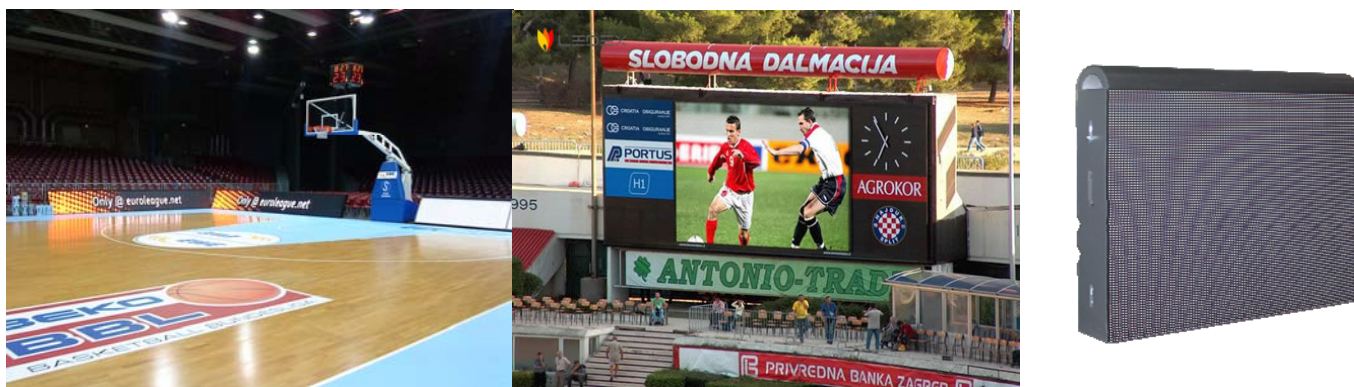
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PH16mm DIP Real Static Outdoor EMC Hoisting&Fixed LED screen

Application: Mainly used for TV Station, concerts , trade shows , exhibits , conventions and other special events.

Showing:

1. Without ripple & flicker when use HD vidicon/camera to take video or picture;
2. Vivid picture/video effect, comfortable and not fatigue for audience's watching; looks like television in a suitable distance;
3. Higher contrast ratio, the better to restore the screen layering, the higher the sharpness of the image, quite clear for comfortable viewing.



Specification of P16 DIP			
Pixel Pitch (mm)	P16mm	Working Temperature	-20°C ~ 65°C
Pixel Constitution	DIP346	Working Humidity	90%
Module size	256mmx 256mm	Life Span	10 Years
Pixel Density (dot/m2)	3906 dots	Cabinet Net Weight	47KG
Driving Method	Real Static	Cabinet Size (W*H)	1024mm*1024mm*180mm
Brightness (CD/m2)	7000 cd/m2	Working Voltage	AC 90V-260V, 50-60HZ
Gray Scale	14	Rating Power Consumption	1000W/sqm
Viewing distance	10m~55m	Average Power Consumption	280W/sqm
Viewing Angle(°)	120 (H)/45(V)	Protection Grade	IP67
Fresh Frequency	1000HZ&Above	Certificate	CCC,CE,EMC

Other available item:

Mode	Pixel Configuration	Driving Mode	Outdoor/Indoor	Cabinet size(mm)	Brightness(cd/m ²)
16mm	2R1G1B	Virtual static	Outdoor	1024*1024*180	7000

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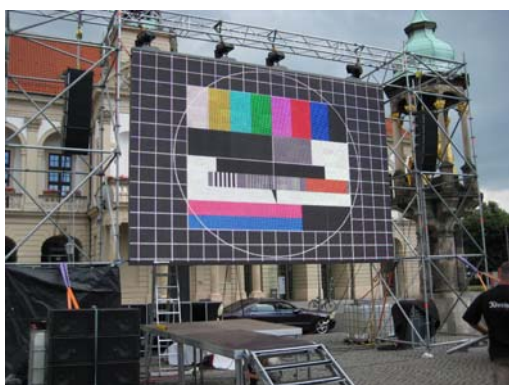
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PH20mm DIP Real Static Outdoor EMC Hoisting&Fixed LED screen

Application: Mainly used for TV Station, concerts , trade shows , exhibits , conventions and other special events.

Showing:

1. Without ripple & flicker when use HD vidicon/camera to take video or picture;
2. Vivid picture/video effect, comfortable and not fatigue for audience's watching; looks like television in a suitable distance;
3. Higher contrast ratio, the better to restore the screen layering, the higher the sharpness of the image, quite clear for comfortable viewing.



Specification of P20 DIP			
Pixel Pitch (mm)	P20mm	Working Temperature	-20℃~65℃
Pixel Constitution	DIP346	Working Humidity	90%
Module size	320mmx 160mm	Life Span	10 Years
Pixel Density (dot/m2)	2500 dots	Cabinet Net Weight	43KG
Driving Method	Real Static	Cabinet Size (W*H)	960mm*960mm*180mm
Brightness (CD/m2)	5000 cd/m2	Working Voltage	AC 90V-260V, 50-60HZ
Gray Scale	14	Rating Power Consumption	800W/sqm
Viewing distance	10m~68m	Average Power Consumption	224W/sqm
Viewing Angle(°)	120 (H)/45(V)	Protection Grade	IP67
Fresh Frequency	1000HZ&Above	Certificate	CCC,CE,EMC

Other available item:

Mode	Pixel Configuration	Driving Mode	Outdoor/Indoor	Cabinet size(mm)	Brightness(cd/m ²)
20mm	2R1G1B	Virtual static	Outdoor	960*960*180	5000

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