Shenzhen ERALED Optoelectronics Co., Ltd.

The usage for p10mm outdoor Led Display

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MD3535 , DIP5454 and DIP3

P10mm Outdoor LED Screen

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960 x 960 x 150mm

Characteristic

- **SMD3535 ,DIP5454 and DIP346 are suitable**
- **Cabinet dimension is customized**
- **High brightness , IP65**

Technical Parameters			
Pixel Pitch(mm)	10	10	10
Pixel Density(dots/㎡)	10000	10000	10000
LED Encapsulation	SMD3535	DIP5454	DIP346
Brightness(cd/sqm,nit)	≧6500	≧6500	≧6500
Refresh Rate(Hz)	600	600	600
Gray Level(bit)	14	14	14
View angle(degree)	H:120° ; V:70°	H:100° ; V:60°	H:100° ; V:60°
Module Dimensions(mm)	160 X 160	160 X 160	320 X 160
Cabinet Dimensions(mm)	960 X 960	960 X 960	960 X 960
Cabinet Weight (KG)	42	42	42
Cabinet Material	Iron	Iron	Iron
Scanning Mode(scan/static)	1/2	1/2	1/4
Maximum Power (W/SQM)	1250	1250	750
Average Power (W/SQM)	525	525	260
Control System	Linsn/Nova	Linsn/Nova	Linsn/Nova
IP Grade	F:IP65;B:IP54	F:IP65;B:IP54	F:IP65;B:IP54

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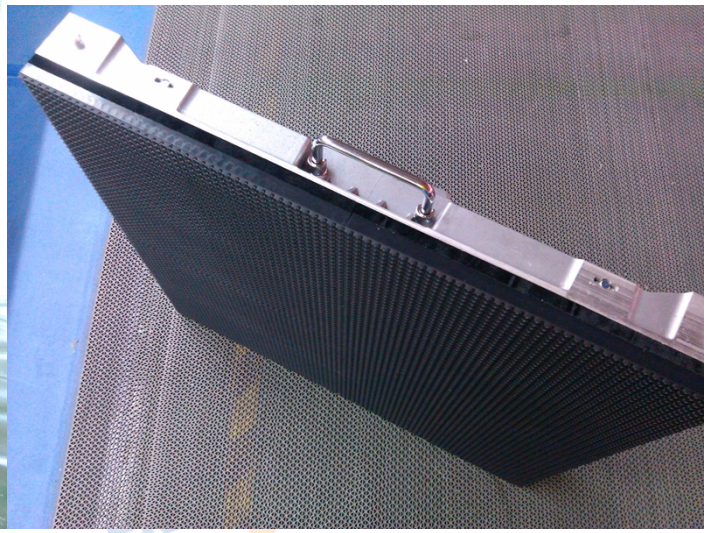
For rental use:



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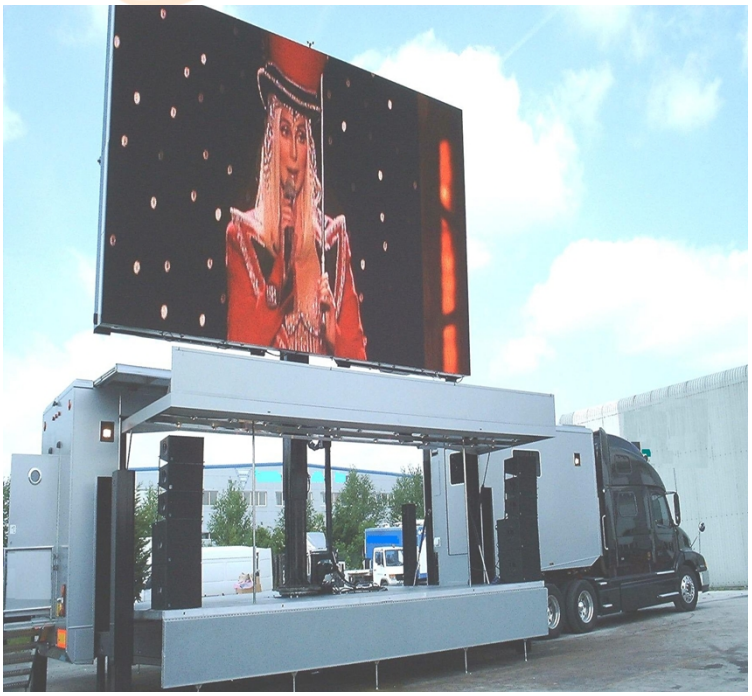
For mobile truck display:



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In stadium:

More and more sports stadiums are looking to use LED technology to improve image quality during broadcast and to offer high-quality advertising and branding packages.

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◆ Technical Specification of P10mm:		
Pixel configuration	1R1G1B	
LEDs configuration	Red:wave length: 625~630nm;700-800mcd Green:wave length: 525~530nm;1500-1800mcd Blue:wave length: 470~475nm;400-500mcd	
Pixel pitch(mm)	10.00	
Pixel density(dots/㎡)	10000	
Calibrated brightness(cd/sqm,nit)	7500 nits(adjustable)	
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%(adjustable)	
Color temperature	3,500° — 9,500° K(adjustable)	
Contrast ratio	4,000:1(adjustable)	
Brightness adjustment(dimming)	100 grade auto/manual-adjustment	
View angle(degree)(50% brightness)	Horizontal: 120° (60° off center); Vertical: 70° (+25°/-45° off center)	
Readability viewing angle	Horizontal: 150° (75° off center); Vertical: 90° (+35°/-55° off center)	
Color capability	4.4 trillion	
Refresh rate(Hz)	>600 Hz(adjustable)	
Frame frequency(Hz)	>60 Hz	
Interface port	DVI interface(DVI connector)	
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.	
Protection grade	IP65 front side/IP54 backside	
LED Drive	Constant-current drive	
Lifetime(hours)(50% brightness)	100,000 hours	
Signal transmission direction	Horizontal	
Operating temperature(Celsius degree)	-15～+55'	
Storage temperature(Celsius degree)	-30～+65'	
Operation humidity(RH)	10-95%	
Operation humidity(RH)	10-99%	
Servicing	Front and back serving optional	
Control mode	Synchronous & asynchronous available	
Communication options	Wire Ethernet, Fiber Ethernet,RF wireless,GPRS	
Power	120/240 V AC single phase(50-60Hz)	
Maximum power consumption(W/SQM)	750	
Average power consumption(W/SQM)	300	
Screen operation mode(scan/static)	1 / 4	
Module configuration(Pixels quantities of the module)	Length	16
	Height	16
Module dimensions(mm)	Length	160
	Height	160
Cabinet configuration(Module quantities of the cabinet)	Length	8
	Height	6

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Cabinet dimensions(mm)	Length	1280
	Height	960
	Width	120

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