

SMD/RGB LED Perimeter Displays



The Sports Perimeter Display is most commonly used for advertising on the perimeter/boundary of a football ground, cricket ground, baseball ground, etc for outdoor purposes and also indoor as well for basketball, ice hockey, tennis court. We have the experience of providing both indoor and outdoor perimeter displays. The below is an example of the technical specs with reference to a 16mm outdoor led perimeter display. For more information on other pixel pitch, drop us an e-mail and we will reply with full details. We now offer SMD 3in1 Outdoor Perimeter Displays as well in 16mm and 20mm. All our products have all the range for LED's from Nichia, CREE, AXT, Silan and Taiwan.

Speciality: All our perimeter products can be also used as regular LED screens. The soft cover and self stand is detachable and hence can be converted into a regular led cabinet to be assembled into a screen of your desire.

Part B: Display Technology Data					
(1)LED Parameter					
Sequence	Led	Wavelength	Luminosity	Chip Manufacturer	
1	Red	620-630 (nm)	450 (mcd)	Taiwan	
2	Pure Green	520-525 (nm)	1800 (mcd)	CREE	
3	Pure Blue	465-470 (nm)	350 (mcd)	CREE	
(2)Module Parameter					
Sequence	Item	Parameter			
1	Pitch (mm)	16			
2	LED Standard	5 Oval Lamp			
3	LED Arrangement	2R1G1B			
4	Brightness (cd/m ²)	≥7000			
5	Density (Real) (dots/m ²)	3906			
6	Density (Virtual) (dots/m ²)	15,624			
7	Module Size (mm)	(L)=256; (H)=128 ;			
8	Module Resolution (dots)	16*8			
9	Cabinet Size (mm)	(L)=1024 ; (H)=768 ; (W)=150			
10	Resolution/Cabinet	64*48			
11	Cabinet Material	Aluminum/Iron Cabinet with locks and with adjustable stand			
12	Waterproof Material	Silicone WITH SOFT MASK			
13	Waterproof Size	Display Size			
14	Angle-Level (angle)	110 (Right/Left)			
15	Angle-Vertical (angle)	40 (Up/Down)			
16	Best-Vision-Distance (m)	10-160			
17	Gray Grade (Rank)	≥16,348			
18	Display Color (Color)	Full Color (16.7m)			
19	Display Mold	Virtual Image Control			
20	Drive Mode	Static, Constant Current Driver			
21	Control Mode	Synchrony Transfer			
22	In-Interface	RS232			
23	Connecting Series	VGA/NTSC/PAL			
24	Cabinet Weight (kg/pc)	55			
25	Max Power Consumption (KW/m ²)	750			
26	Avg Power Consumption (KW/m ²)	400			
27	Life Time (hr)	100,000			
28	Voltage (V)	AC: 220 /380 ±10 %, 50 Hz			
29	Control Distance (m)	< 100			
30	Protection Level (IP)	65			
31	LED Parameter	DIP 546			

32	Time (hr)	> 10,000
33	Maintain	Front/Back
34	Temperature (°C)	-20 ~ 50
35	Relative humidity (RH)	10% ~ 95%
36	Software	Windows 98, XP, 2000, 2003 etc.

Function and Technology Character

- (1) Multiplied file formats, such as AVI, MOV, MPG, DAT, VOB are comprehensive, and also we have three display mode as VGA+VIDE and VGA. There are also interfaces for Sound signal and video signal.
- (2) 16,348 grade grey control system and the color is over 16.7 millions, and the brightness, contrast, saturation, chromo can be adjusted by manual and sensor, whose scope is 256 grade.
- (3) Show all kinds of word, text, graph, picture, video, 2-dimension, 3-dimension cartoon and other information with your PC does synchronously.
- (4) Line-Double technology is adopted for the picture adjustment.
- (5) Can be connected with PC and the web net and show the content, and also can be controlled remotely via VPM+ADSL.
- (6) Can be used outdoor in all kinds of weather, and excellent capability of antiseptis, waterproof.