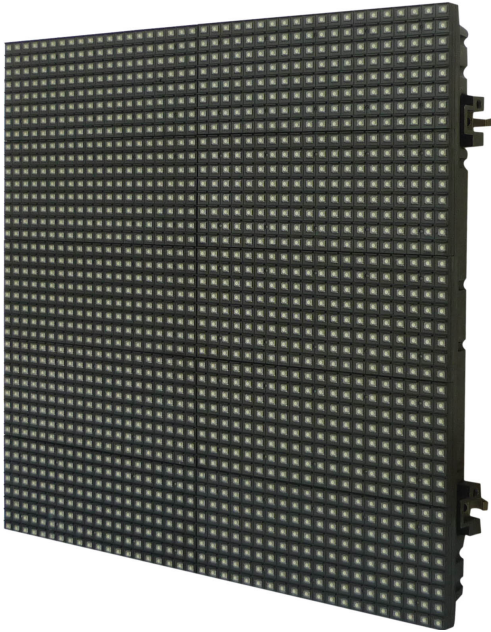


Beta10 Full Color LED Display



I. Introduction:

Beta10 Full Color LED Display is made of 1600 pixels. Each pixel is one three-in-one SMD LED. The housing of the module is casting aluminum which is very strong, reliable, stable and easy to connect. Through connection to the computer, it can play images and videos etc.

II. Main features:

1. The light source is super-bright LEDs which are very good in bright balance.
2. Controlled by computer and can play images, characters, videos etc.
3. Big view angle which can achieve 140 degrees in both vertical and horizontal.
4. Super bright and the brightness can be adjusted both from hardware and software.
5. IP65 the item is protected against spray or rain from no more than 60°vertically included angle.

III. Applications:

Beta10 are widely used at concert touring, bars, nightclub, discos, market places etc.

Beta10 Specification

(1) Structure Diagram			
			Each pixel is one RGB 3-in-1 SMD LED
(2) LED Parameter			
NO.	Item	Wave Length (nm)	Place of Origin
1	Red chip	620-630	Taiwan
2	Green chip	520-530	Taiwan
3	Blue chip	460-470	Taiwan
(3) Pixel Parameter			
NO.	Item	Parameter	
1	Pixel Pitch	10mm	
2	Pixel Configuration	RGB 3-in-1 SMD LED	
(4) Module Parameter			
NO.	Item	Parameter	
1	Product Code	LF037-060-03	
2	Dimension (mm)	400(W)×400(H)×60(D) mm	
3	Resolution	40(W) ×40(H)	
4	Density (dots/ m ²)	10000 dots/ m ²	
5	Angle of View	140° Horizontal, 140° Vertical	
6	Brightness (cd/ m ²)	≥4625 cd/ m ²	
7	Best Viewing Distance (m)	≥10~100 m	
8	Color Temperature	6500~9500K	
9	Working Voltage	AC90-264V, 47-63HZ	
10	Max Power Consumption (≤W)	100 W	
11	Average Power Consumption (≤W)	80 W	
12	Weight(kg)	6.4 kg	
13	Refresh rate (H z)	>1000 H z	
14	Grey Scale	4096 levels for each	
15	Colors	68,719,476,736	
16	Refresh Frame Speed (f/s)	≥60 (f/s)	
17	Control Method	With computer monitor in phase	
18	Display Mode	1280×1024 ,1024×768,800×600	
19	Life-span	≥50000 hours	
20	Blind Dot Rate	≤0.0002	
21	Control Distance	cable (CAT 5) ≤100 meters (non-stop) , Single mode optical fiber > 500 M	
22	Operation Temperature	-10°C~50°C	
23	Operation Humidity	10%~90%RH	
24	Protection Rating	IP65	