

Technical Parameters of GEM-P1.5 Small Pitch LED Display

1、Die parameters:

No.	Name	Parameters (nm)	Lamp
1	Packing mode	SMD1010	
2	Horizontal viewing angle	160°	
3	Vertical viewing angle	160°	

2、Unit module parameters

No.	Name	parameters
1	Pixel spacing (mm)	1.53
2	Module size WxH (mm)	320×160mm
3	Module resolution	208×104=21632dot
4	BOX Materials	Diecasting Aluminum

3、Full color screen display design

No.	Project	Specifications
1	Pixel spacing	1.53mm
2	Pixel composition	SMD1010
3	Pixel density	422500dot/m ²
4	Module size WxH (mm)	320×160mm
5	Module resolution	208×104dot
6	Box size WxH (mm)	640×480mm
7	Box resolution WxH	416×312
8	Box weight	6-8kg/panel
9	Box smooth degree	≤0.1
10	White balance brightness	≤700cd/m ²
11	Viewing angle	160° /160°

12	Gray level	12-16bit
13	Refresh rate	>1920Hz
14	Maximum power	750W/m ²
15	Average power	220W/m ²
16	Color temperature	6500~13000K
17	Pixel spacing derivation	<3%
18	IP Rating	Indoor IP30
19	Video playing capability	2K HD, 4K Ultra HD
20	Input power	AC: 110V~240V, 50~60Hz
21	Temperature	- 20℃~60℃ (store)
22	Humidity	10%-85%RH
23	Theoretical life	100,000 h
24	Product show	

Note: The parameters indicators may vary depending on the specific situation of the project (the product shall be subject to the submitted contract specifications)