

Indoor Full-color LED Display

1. LEDs Data	 with best white balance effect, color brightness rate should be R:G:B=3: 5.9: 1.1 ,we usually design them into rough rate 3:6:1 basing upon chips specification;		
	Chips	Chips Size	Wave Length
	1R	8*8 mil	620-625nm
	1G	7*9 mil	510-515nm
	1B	7*9 mil	460-465nm
2. Module Data	LED Type : SMD 1010		
	Brightness : ≤700 nits		
	Viewing Angle : 160°(H) / 140°(V)		
	Pitch : 1.667 mm		
	Resolution : 120x 90 dots		
3. Screen Data	Size : 200mm x 150mm		
	Pixel Density : 360000 dots/m ² (real pixels)		
	Driving Mode : 1/45 scan		
	Driving IC : MBI 5024/16126/2026/16106/2038/6124....		
	Power Supply : Superslim with CE&Rohs certificates AC110V/AC220V 50-60Hz		
	Max Power Consumption: ≤800W/m ²		
	Average Consumption: ≤350W/m ²		
	Protection Level: IP43; GOB technology		
	Refresh Rate: ≥3840HZ		
	Best View Distance: 1.667 m		
	Surface Flatness : GAP< 0.5 mm		
	Screen Certificates: CE &Rohs		
	Screen Controllers : BOX synchronous or asynchronous System with USB+WIFI		
	Frame Update Frequency: 50- 60Hz		
	Gray Scale: 14 bits input		
	Display Color: 10 trillion		
	Brightness Adjustment: 256 Levels with RGB individual adjustment		
	Control Mode: Synchronous display with control PC by DVI / Asynchronous		
	Gamma Correction: 16 bits		
	Support Input: Composite Video,S-Video,DVI,CATV,Popular Formats of Pics		
	Control Distance: WIFI 20m, Ethernet Cable 100m,Single-model fiber 5km		
	Support VGA Mode: 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200,		
	Brightness Correction : Dot by Dot, module by module, cabinet by cabinet		
	Operating Temp : - 20°~ +60° Celsius degree		
	Storaging Temp : - 35°~ +80° Celsius degree		
	Operating Humidity : 10 - 90 % RH		
	Operating Life : 100000 Hours		
	Continuous Working Time : ≥48 hrs		
	MTBF : 5000 Hours		
	Loss Control Pixel Rate : 0.1‰		

