



# 山西高科华烨电子集团有限公司

**Shanxi High-tech Huaye Electronic Group Co., Ltd.**

Add: 65. Beidong New Street, Changzhi city, Shanxi province, China.

Tel: +86 355 5807588

Fax: +86 355 5807562

Website: www.ledgkd.com

## Specification of P2.5 Indoor LED Module

Module		Module photo	
Pixel pitch	2.5mm		
Pixel Density	160,000 dots/m <sup>2</sup>		
Pixel configuration	1R1G1B		
LED type	SMD2121		
Module size	W320*H160mm		
Module weight	492g		
Module resolution	W128*H64 dots		
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>		
Min. Viewing Distance	≥2.5m		
Brightness	≥700 cd/m <sup>2</sup>		
Viewing Angle	H≥120° V≥120°		
Driving Mode	1/32 scan constant current		
Interface	HUB75-16P		
Input voltage	4.8-5.5V		
Max. Power Consumption	351 w/m <sup>2</sup>		
Avg. Power Consumption	175 w/m <sup>2</sup>		
Max. Current	5 A		
Gray Level	15bits (32768)		
Vedio frame rate	60 frames/s		
Refresh Rate	≥1920Hz		
Defective Dots Rate	<0.0001 (LED industry standard: ≤ 0.0003)		
Decay Rate	≤5%/year		
Brightness Conformity	>95%		
Colors	16384 <sup>3</sup>		
MTBF	≥10000 hours		
Lifespan	≥100000 hours		
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.		
Operating Temperature	-10℃~+40℃		
Operating Humidity	10-80% no condensation		
Storage Temperature	-20℃~+60℃		
Storage Humidity	10-85% no condensation		
<b>Control system parameter</b>			
Color temperature	Adjustable by software.		
Brightness level	256 levels, automatic or manual adjustment.		
Control way	Computer, real-time, off-line, wireless, internet etc.		
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.		
<b>Packing</b>			
Carton	40pcs/carton, size: 475*380*440mm, weight: 20.08kgs		

Note: The specification may subject to change without prior notice.

