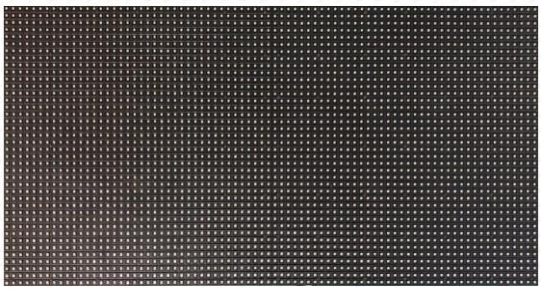
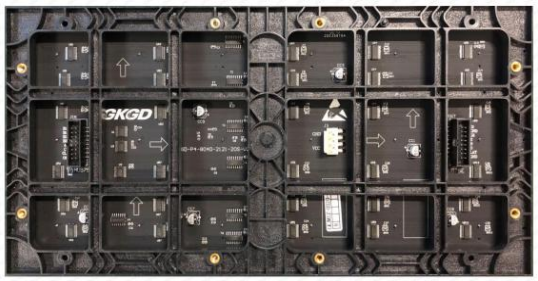
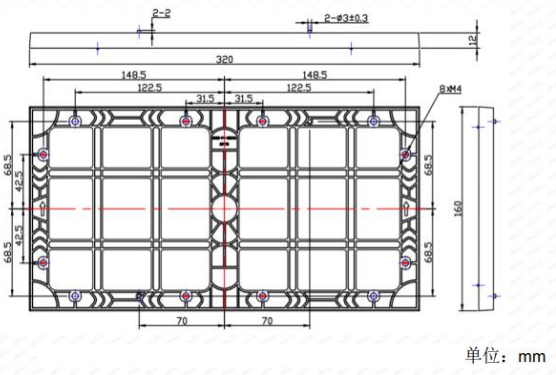
山西高科华烨电子集团有限公司
Shanxi High-tech Huaye Electronic Group Co., Ltd.
Add: 65. Beidong New Street, Changzhi city, Shanxi province, China.
Tel: +86 355 5807588 Fax: +86 355 5807562 Website: www.ledgkgd.com

Specification of P4 Indoor LED Module

Module		Module photo
Pixel pitch	4mm	
Pixel Density	62,500 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2020	
Module size	W320 *H160mm	
Module weight	335g	
Module resolution	W80*H40 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	≥4m	
Brightness	≥600 cd/m²	
Viewing Angle	H≥140° V≥120°	
Driving Mode	1/20 scan constant current	
Interface	HUB75E-16P	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	508 w/m²	
Avg. Power Consumption	254 w/m²	
Max. Current	5.2 A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	≥1920Hz & ≥3840Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	≤5%/year	
Brightness Conformity	＞95%	
Colors	32768^3	
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	



单位：mm

Control system parameter	
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.