




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.

### Specification of P10 Outdoor LED Module(1/4 Scan)

Module		Module photo
Pixel pitch	10mm	
Pixel Density	10000 dots/m <sup>2</sup>	
Pixel configuration	1R1G1B	
LED type	SMD3535/2727	
Module size	W320 *H160mm	
Module weight	200g	
Module resolution	W32*H16 dots	
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	
Min. Viewing Distance	≥ 10m	
Brightness	≥ 3500 cd/m <sup>2</sup>	
Viewing Angle	H≥140° V≥120°	
Driving Mode	1/4 scan constant current	
Interface	HUB75	
Input voltage	5VDC	
Max. Power Consumption	585w/m <sup>2</sup>	
Gray Level	≥ 16bits	
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%	
Colour temperature	7000K-10000K	
IP Rating	The back IP40, The front IP50	
MTBF	≥ 10000 hours	
Lifespan	≥ 100000 hours	
Operating Temperature	-10℃ ~ +60℃	
Operating Humidity	10%-70% no condensation	
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.	

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

