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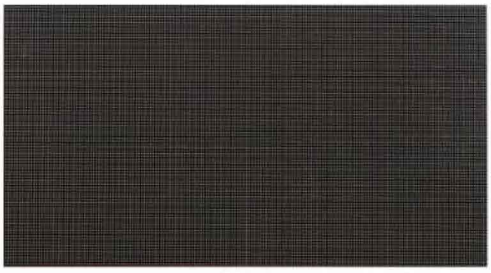
Specification of P2.5 Indoor LED Module

Module		Module photo
Pixel pitch	2.5mm	
Pixel Density	160,000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2020/1515	
Module size	W320*H160mm	
Module weight	506g	
Module resolution	W128*H64 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	≥2.5m	
Brightness	≥550 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/32 scan constant current	
Interface	HUB75-16P	
Input voltage	5V	
Max. Power Consumption	422 w/m²	
Avg. Power Consumption	211 w/m²	
Max. Current	4.5 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	16384³	
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	


模组正面



模组背面

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.