

LANG LI

Qiangliled

東京 Qiangliled

TANG LI

型型
Qianglil

Product Specification

流<mark>机</mark>Qiangliled

Product: Outdoor Full Color P5 1/8 Scan Module

Item No.: gliled Q5-8S-2525

2.6 Version:

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製造期 Qianglil

流<mark>机</mark>Qiangliled

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建边票 Qiangliled

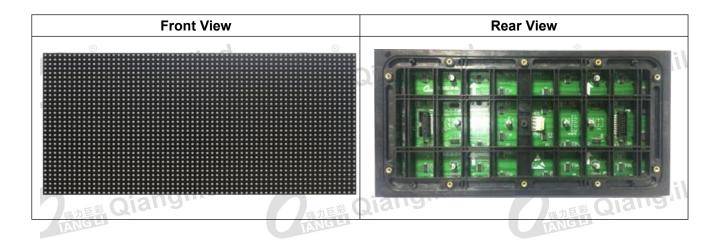
漫遊縣 Qiangliled

Website: www.qiangliled.com

建造縣 Qianglil



1. Module Picture



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2. Suggestion Cabinet -(960*960 magnesium cabinet)



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3. Technical Specification

B 通力巨彩 IANG LI	Pixel Pitch	5mm	Pixel Density	40000Dots/m²	
	Configuration	1R1G1B	LED Lamp	SMD2525	
	Size (Width*Height*Depth)	320*160*18.5mm	Weight	0.45kg±0.01kg	
	Structure	Lamp & IC in same PCB	Resolution	64*32=2048 Dots	
Module	Input Voltage (DC)	4.5±0.1V	Maximum Current	≤9.51A	
過加度彩	Power Consumption	≤43W Qia	Driving Method	Constant Current 1/8 Scan	
TANGE	40A Power Supply for	2-3 pcs module	80A Power Supply for	6-7 pcs module	
	40A PFC Power Supply for	3-4 pcs module			
强力巨彩	Cabinet Size (Width*Height*Thickness)		960*960*169.5mm (with module, cabinet, connecting plate)		
TANGL	Cabinet Pixel Density		192*192=36864 Dots		
Cabinet (magnesi	Cabinet Area		0.9216 m²		
um	Cabinet Weight		28.5kg±0.5 kg		
cabinet)	Cabinet Max Power Consumption		≤770W Qiangli		
通力ECI TANGLI	Average Power Consumption (1/3 Max)		≤257W		
	Distribution Power (Power Supply Capacity 78%)		≤988W		
	Brightness	≥4500-5200cd/m²	Brightness Uniformity	>0.95	
8	Horizontal Viewing Angle	140 ±10 degree	Vertical Viewing Angle	130 ±10 degree	
强力巨松 IANG LI	Best Viewing Distance	≥5 m IANGII	Black Spot Ratio	< 0.0003	
	Max Power Consumption	≤836W/m²	Operation Environment	Outdoor	
Screen	Grayscale	12-14bits (RGB each)	Display Color	4398 Billion	
强力巨彩	Frame Frequency	≥60 frame/sec	Refresh Frequency	≥1920 Hz	
IANGE	Control Mode	Computer control, Point-to-point	Brightness Adjustment	256-grade manual / automatic	
	Life Span	≥100,000 hours	Average Failure Free Time	≥10,000 hours	
8 5	Attenuation (3 years later)	≤15%	Operating Humidity	10%-90%RH	

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4. Signal Pin

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15			16

Pin	Signal	Function	Pin	Signal	Function
1	RD1	Red data signal	2	GD1	Green data signal
3	BD1	Blue data signal	4	GND	GND
5	RD2	Red data signal	6	GD2	Green data signal
7	BD2	Blue data signal	8	GND	GND
9	A	Line power control signal	10	В	Line power control signal
) 11 ^e	С	Line power control signal	12	D	Line power control signal
13	CLK	Clock signal	14	LAT	Date locking signal
15	OE	Enable signal	16	GND	GND

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5. Precautions

Item		Description		
强力巨彩 IANG II	Qianglile Control Temperature requirement	Storage temperature range: -10 ° C - 30 ° C, over 30 ° C needs to do cooling treatment. Operating temperature range: -20 ° C -40 ° C, other temperature range, need to install temperature control equipment.		
®	iileC	Lamp surface temperature (working time): ≤85°C, temperature control equipment is required to be installed when temperature exceeding the standard		
Environ mental Precauti ons	Humidity requirement	Storage humidity range: 10% RH-60% RH, humidity over 60% RH requires dehumidification treatment. Operating humidity range: 10% RH-90% RH, If the humidity exceeds the standard, it must be dehumidified before it can be used normally.		
B 通力巨彩 IANG LI	Avoiding corrosive gas	Corrosive gas, which contains alkaline or acid gas in the environment, may cause corrosion of electronic components, crystallization, leakage and so on.		
	Avoid	Metal components of the screen, the shell of power supply		
	electrostatic	and the cabinet should be grounded well, and the grounding		
	hazard and	resistance should be less than 10Ω . Prevent electrostatic		
B	lightning strikes	damage to electronic devices in humid environment, while avoiding electric leakage to harm human body.		

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Electro-static Protection	The worker must wear an anti-electrostatic wrist strap and anti- electrostatic glove. Various tools must be strictly grounded during assembly		
Screen waterproof	After installation of Led display screen, waterproof glue should be used on the connection part of cabinet and around the screen, making sure strict waterproof protection measures be implemented.		
Hazard statement of the Magnetic installation Method	It's not recommended customers install modules outdoor with magnetic installation method. It will cause the following hazards, 1) Rain and snow could enter from the screen front side to the screen back side, it may cause the electronic components, system card, power supply and cables be corroded and lose efficacy. 2) The magnetic installation method cannot guarantee the flatness and the performance of the led screen. 3) Module is likely to deform under extremely cold weather. Different batches of products cannot be installed in the same screen, otherwise there will be color blocks (mosaic) on the		
Product wiring	display. The module cannot be directly connected to 220V, and the module's positive and negative poles connection must be right.		
Disassembly and transportation	Do not throw, push, squeeze or press the module, avoid damaging the display screen.		
Installation torque control	In connection with power supply, it is necessary to ensure tightening of terminal joint screw to prevent joint position from loosening, resulting in wire burning or product damage caused by high contact resistance. Torque of M4 screw is 6.0-8.0 Kgf.cm, and that of M3 screw is 4.0-6.0 Kgf.cm.		
Display control	Please do not display static picture or text, for this may cause LED lamp brightness go down seriously or LED lamp die. Please play moving pictures or text.		
Prohibition of live work	It is forbidden to assemble the module under the condition of power on, the module should be assembled on the wall when the main power input is disconnected.		
Environmental inspection	Temperature and humidity meters should be equipped on the installation site to monitor the surrounding environment of the screen in time. After heavy rain, it is necessary to check whether there are any problems such as dampness, water droplets and over humidity in the screen in time.		
	Protection Screen waterproof Hazard statement of the Magnetic installation Method Product batch control Product wiring Disassembly and transportation Installation torque control Display control Prohibition of live work		



ANGLI	Avoid construction work near the installed LED screen	It is strictly forbidden to rebuild after the installation of the LED display screen, so as to prevent the LED display screen from being affected by the impact of high current and dust, such as welding, electric saw and other equipment.		
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强力巨彩 JANG LI	Qiangliled	® Qiangliled	Panelli Qianglil	
® 强加巨彩	Qianglile	est Xiang'an Road. Xiang'an Torch High-Tech Industrial Zone	Mate Qianglil	