P6.67 Outdoor LED Module

Product Specification

Mode: P6.67-3535-6S-320*160mm

Description: P6.67 Outdoor SMD3in1

LED: SMD3535

1. Parameter

P3535 Outdoor Full Color Display Module (1R1G1B)

LED Parameters						
Package	Model	Color	IF(mA) TEST	λd(nm) Typ	Iv(mcd) Typ	View angle (deg.)
	SMD 2727		5	620	18	120
			2	530	25	120
			2	470	4.5	120

	Item	Parameter
Unit Module	Model number	P6.67-6S
	Module size	320*160mm
	Pixel pitch	6.67mm
	Pixels density	22477 dots/m2
	Pixel configuration	1R1G1B
	Package mode	SMD3535
	Pixel resolution	48(W)* 24(H)dots
	Best viewing distance	6M ~ 70M
	Panel current	8A

	AVG power	16W
	Module thickness	15mm
	Weight	0.49KG
	Drive type	Constant drive
	Scan mode	1/6 Scan
	Port type	HUB75
	Brightness of white balance	≥5000cd/㎡
	Refresh frequency	≥1920HZ
Power Supply	Operation power	AC100-240V 50-60HZ Switch-able
	Maxim power consumption	＜1000W/m2
	Average power consumption	300W/m2
Optical Property	Correction scale level	16bits
	Frame update frequency	60-75Hz
	Gray scale	14bits input, correction with 16bits
	Display color	16.7M
	Brightness adjustment	0-100 levels
	Gamma correction	-5.0—5.0
	Support input	Composite Video, S-Video, DVI, HDMI., SDI, HD_SDI
	Control distance	Ethernet cable 100m, optical fiber 5km

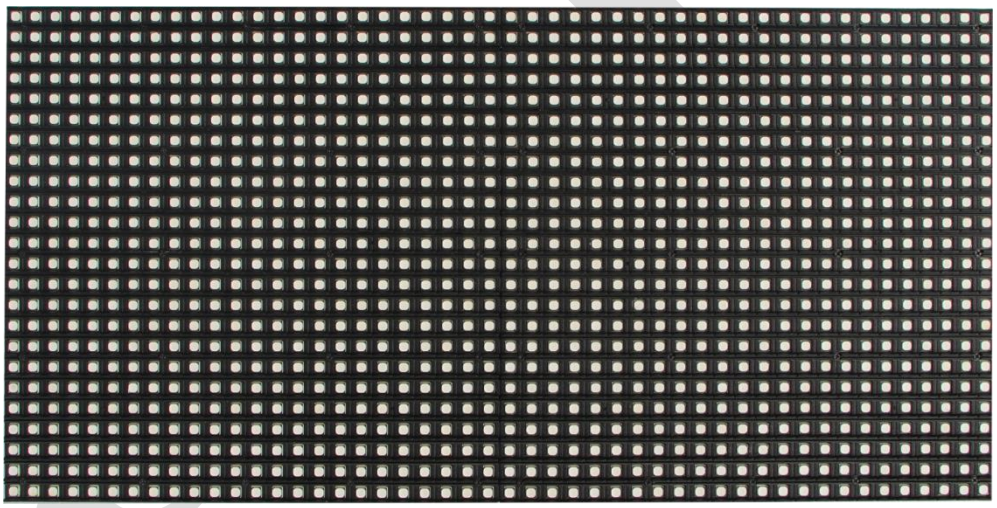
	Support VGA mode	800×600,1024×768,1280×1024,1600×1200. 1920×1080
	Brightness adjustment	0-100 Level
Reliability	Operating temp.	-20-60 Celsius degree
	Operating humidity	10-95% RH
	Operating life	100,000 hours
	MTBF	5000 hours
	Continuous working time	⩾48 hours
	Protection level	IP65

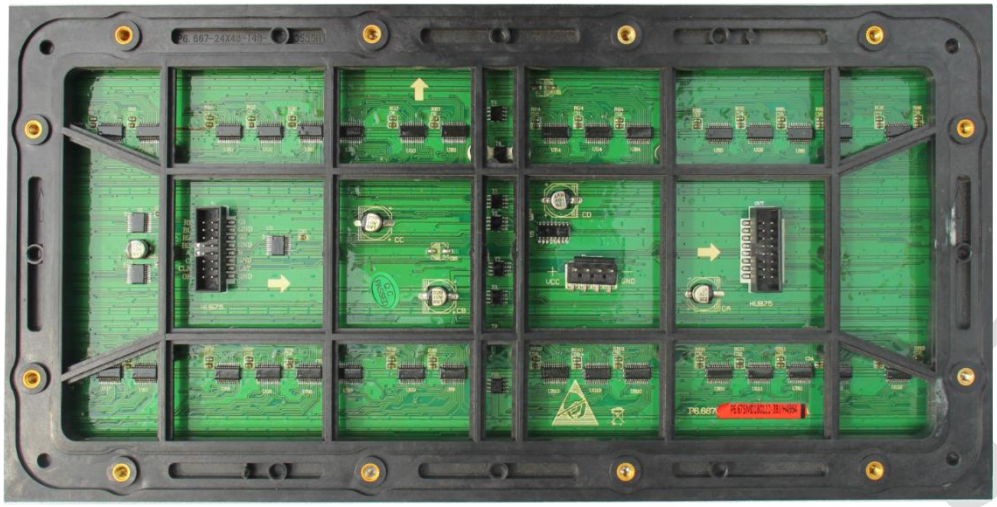
2. Description

- Standard universal size of 320*160mm for display modules.
- High-quality LED beads with excellent cost-performance and stability tested through rigorous procedures.
- Universal module compatibility, facilitating easy replacement and structural reusability across different pixel pitches.
- High brightness, refresh rates, and protective grade suitable for outdoor environments.
- In-house developed module kits and face masks with reinforced design for durability and consistent display quality.
- Successful implementations worldwide, indicating maturity and reliability in the outdoor HD LED display market.

- Modular design for simplified installation and maintenance, supporting electrical hot swapping.
- Comprehensive connectivity and control options including camera, wired, 4G, WiFi technologies, cloud control, and full network support.
- Supports mainstream format playback and high-definition display modes with adjustable color settings for vibrant and natural visuals.
- Versatile application in outdoor advertising, governmental and corporate projects, cultural tourism, sports events, public relations, and commercial real estate.

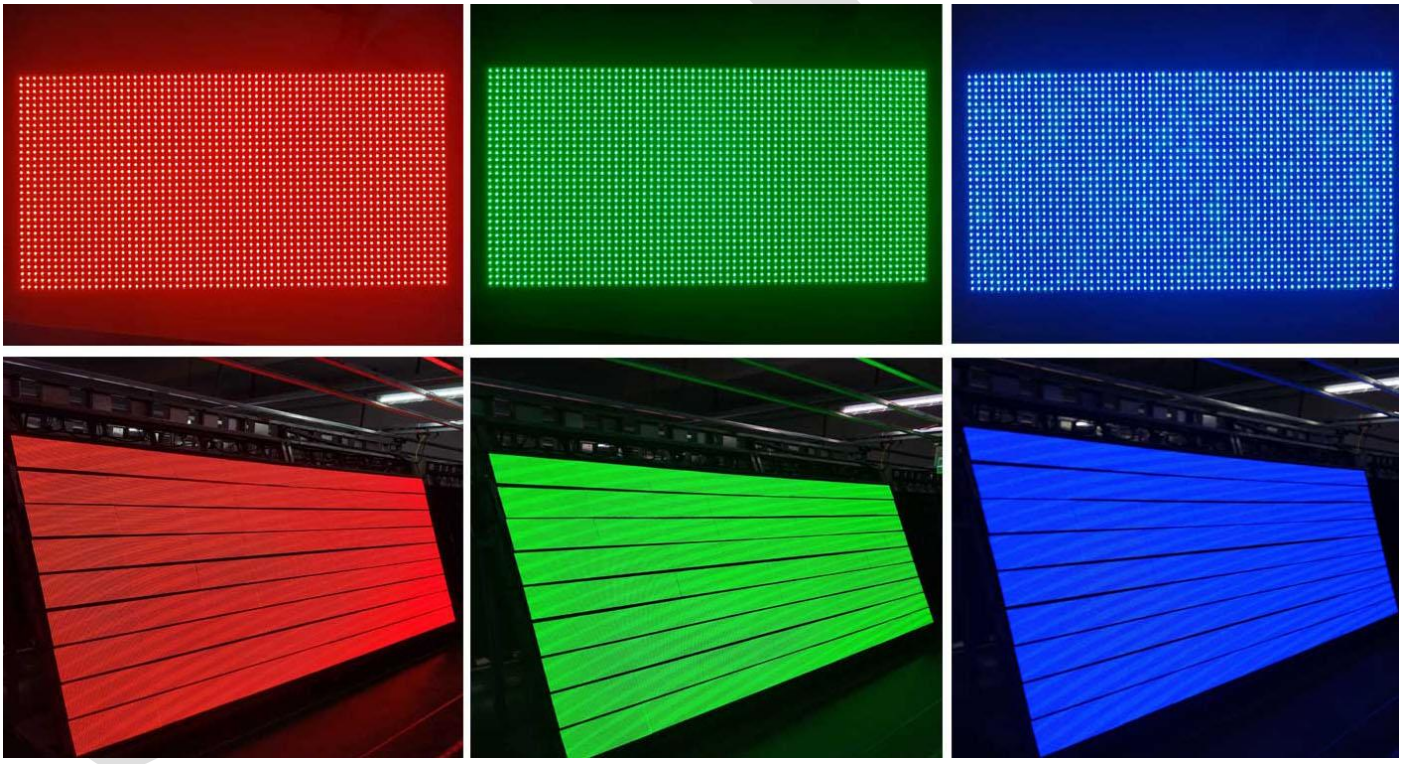
3. Images





(Images just for reference)

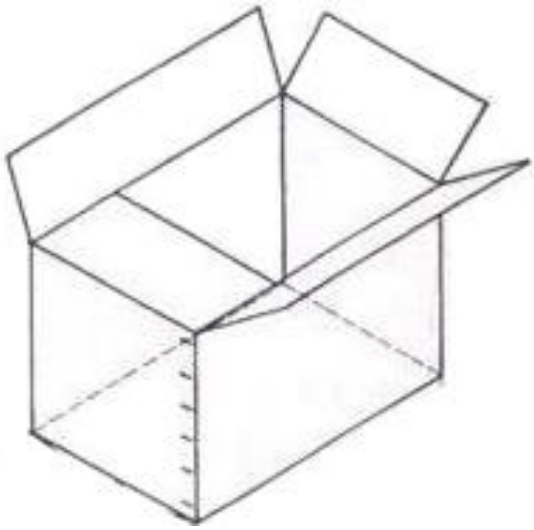
4. Aging Test



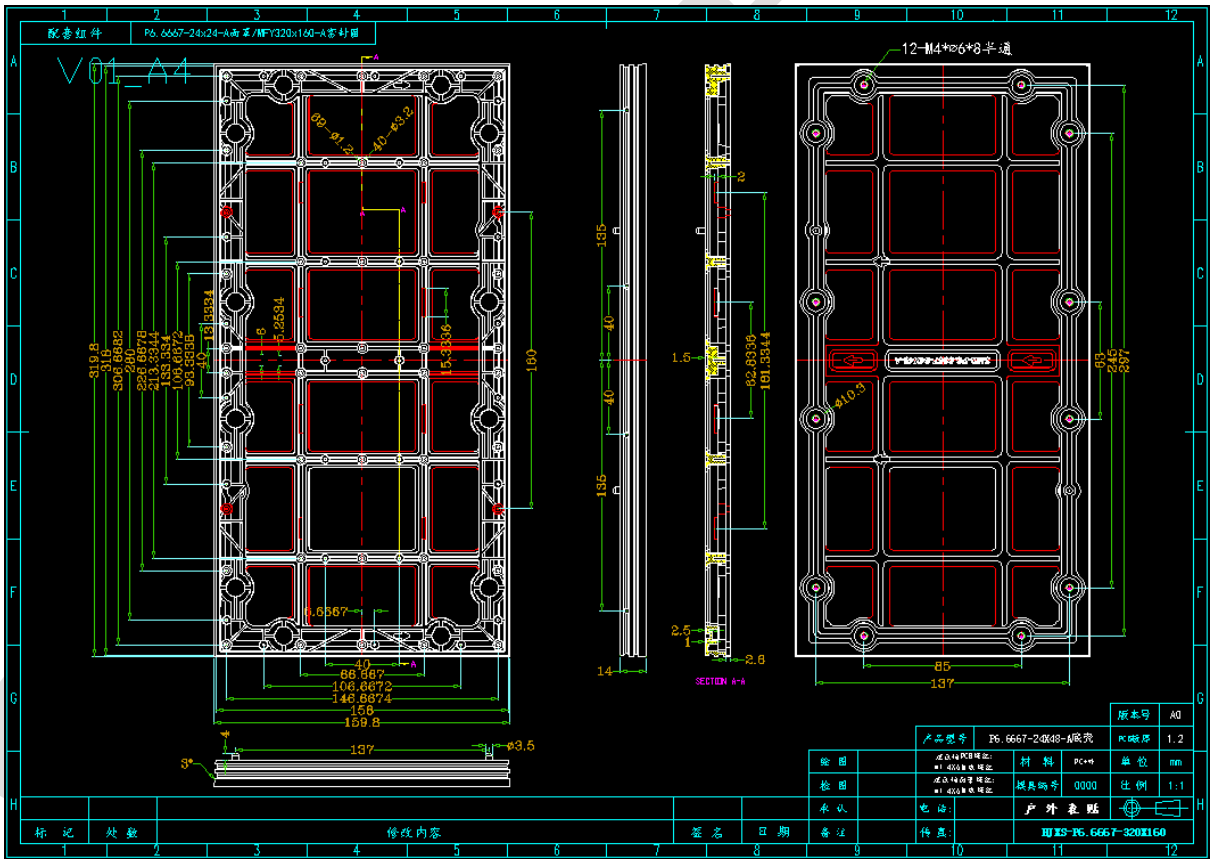
5. Packaging Ways

The modules are packed in a high-quality cardboard box with protective foam corners.

These features effectively prevent damage from impacts during installation.



6. CAD Diagram



(Images just for reference)

7. Cases