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Product Specification

BTT024B2

Rev. 1

BOE MLED Technology Co., Ltd.

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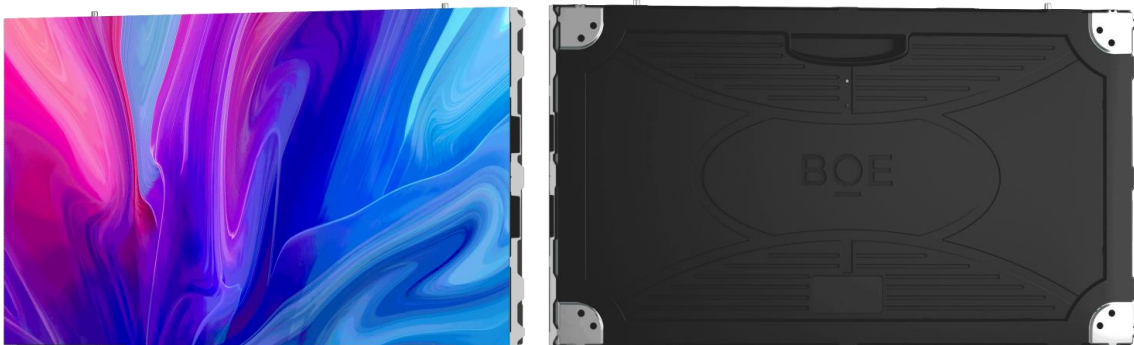
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1. Product Features

- ① The integer pixel pitch design increase pixel density by 8.5% and reduce the better viewing distance for 4% compared with common small pitch products;
- ② 16:9 golden aspect ratio can perfectly and easily match the needs of 2K/4K/8K screens splicing;
- ③ Only 3.3Kg and the thickness of 28.6mm per cabinet, which is convenient for handling and installation
- ④ 3 in 1 design (integration of power supply, receive card and HUB) and hardwired connection are more stable, convenient and efficient.
- ⑤ Module magnetic design supports front installation and maintenance, which also reduce the operation cost.
- ⑥ Modules use S-PWM driver IC which can present in 14bit and 3840Hz with excellent visual effect.

2. Product Image



3. Main Technical Parameters

Item	Technical Parameters
Pixel Pitch(mm)	2.4

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Physical Parameters	LED Type	SMD1515
	Module Resolution(W×H)	120*135
	Module Size(W×H×D)/(mm)	288*324*2.6
	Pixel Density(dots/㎡)	173611
	Cabinet Resolution(W×H)	240*135
	Cabinet Dimension(W×H×D)/(mm)	576*324*28.6
	Cabinet Area(m ²)	0.187
	Cabinet Weight(Kg)	3.3
	Cabinet Material	Die-casting Aluminum + PC Rear Cover
	Cabinet Flatness(mm)	≤0.2
Optical Parameters	White Balance Brightness(nits)	450
	Contrast Ratio	5000:1
	Color Temperature(K)	3000-15000
	Viewing Angle (Horizontal/Vertical)(°)	150/130
	Refresh Frequency(Hz)	3840
	Grayscale(bit)	14
	Scanning Mode	1/45
	AC Operating Voltage(V)	100-240VAC
	Power(Maximum/Average)(W/m ²)	350/116
	Application Scenarios	Indoor
	Best View Distance(m)	2.4
	Brightness Control Mode	Manual/Automatic/Program Control
	Storage Temperature(°C)/Humidity (RH)	-20~50/10%-65%

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Application Parameters	Working Temperature(°C)/Humidity (RH)	-10~40/10%-65%
	Protection Grade	IP30
	LED Service Time(H)	50000
	Module Maintenance Methods	Front Maintenance
	Power & Other Maintenance Methods	Front Maintenance
	Product Certifications	CE, FCC, RoHS2.0, UL

Note: Power will fluctuate within±15%, based on actual measurement.

4. Plane Structure of the Product

