BOE

Product Specification

BTT012B2

Rev. 1

BOE MLED Technology Co., Ltd.

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;

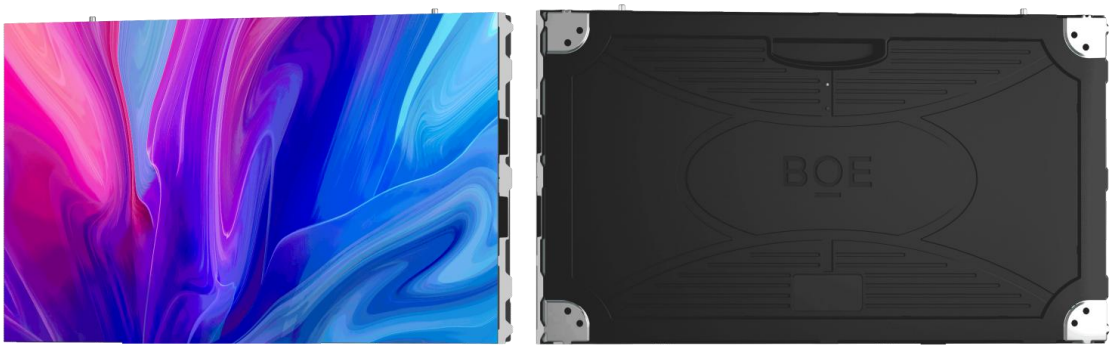
③ Only 3.7Kg and the thickness of 29mm per cabinet, which is convenient for handling and installation

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)	1.2

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Physical Parameters	LED Type	SMD1010
	Module Resolution(W×H)	240*135
	Module Size(W×H×D)/(mm)	288*162*3
	Pixel Density(dots/㎡)	694444
	Cabinet Resolution(W×H)	480*270
	Cabinet Dimension(W×H×D)/(mm)	576*324*29
	Cabinet Area(m^2)	0.187
	Cabinet Weight(Kg)	3.7
	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)	1.2
	Brightness Control Mode	Manual/Automatic/Program Control
	Storage Temperature(℃)/Humidity (RH)	-20~50/10%-65%

Application Parameters	Working Temperature(℃)/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