

Shenzhen Bond Optoelectronics Co., Ltd.

Addr.: B501, Seat 5, YongLeXinCun, Nanshan District, Shenzhen, China P.C.: 518000

Tel.: 86-755-26685446 Fax: 86-755-26685446 Website: www.bond-led.com

P16 Outdoor Full Color LED Display Panel

Specification and Quotation

1.LED Lamp Spec.

LED	Average IV	Horizontal/Vertical	Center Wave Length	Test Condition
R	800-1000mcd	110°/60°	620-630	25°C, 20mA
G	1500—2000mcd	110°/60°	520-525	25°C, 20mA
B	350-450mcd	110°/60°	470-475	25°C, 20mA

2.Module Spec.

Model	Size	Pixel Pitch	Configuration	Resolution
Bond-S16	256mmX256mm	16mm	1R1G1B	16 dots*16dots

3.Cabinet Spec.

Model	Size	Pixel Pitch	Configuration	Resolution
Bond-S16	1024mm*768mm	16mm	1R1G1B	64dots*48dots

4.Screen Size

Outdoor Full Color LED Screen Size:

Cabinet Size: 1024mm*768mm (64*48dots)

Screen Size: 3072mm(w)*2304mm(h) = 7.077888 m²

Module Number: 3(Horizontal)* 3 (Vertical) = 9 (Cabinets/Screen)

4.Screen Spec.

No	Item	Spec.
1	Screen Resolution	192 pixels*144 pixels
2	Display Area	3.072m*2.304m = 7.08 m ²
3	LED Drive/Scan Method	Static constant current
4	Optimum Viewing Distance	14m
5	Grade Level	Red, Green and Blue 4096 Grade/Each
6	IV	≥ 6400cd
7	Viewing Angle	Horizontal 110° /Vertical 60°

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8	Changing frame Frequency	60HZ
9	Refresh frequency	≥400HZ
10	Max. power consumption	480W/m ²
11	Average power consumption	250W/m ²
12	Screen lifetime	≥100,000 hours
13	Out-of-control point	<1/10000 (scatter)
14.	Assembly precision between PCB	≤1 mm
15.	Driving IC	Toshiba TB62726AF
16	Working environment temperature	-20℃~50℃
17	Input Voltage	AC220V ±10%, 50Hz
18	Screen weight	≤65kg/ m ²
19	Average no failure time	≥10,000hours
20	Hi-pot test	50HZ/1500V (AC valid value) /1min (It means outer frame of product can resist 1500V discharging strike)
21	Current leakage to grounding	< 3mA
22	Controlling method	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">Computer</div> <div style="font-size: 24px; margin-right: 10px;">→</div> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">Synchronous system</div> <div style="font-size: 24px; margin-right: 10px;">→</div> <div style="border: 1px solid black; padding: 5px;">LED Display</div> </div>
23	Protective grade	IP65
24	Intelligent control	Remote control by computer
25	System Function	1. Synchronous display kinds of text, graphics, pictures, signs, flashes, and any signal from TV, VCD, DVD, Camera, and scanner and so on, support PAL, NTSC.
26.	Video display function	1. All cable inside the cabinet 2. Synchronous software

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		3. Complete with all cables necessary for instillation
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5. Price

1. Screen price

Item	Dimension	Unit Price/m2 FOB Shenzhen	Amount
Bond-S16-1R1G1B	7.08 m2	USD****.**	USD*****.**

(2) System price

Controlling System	Qty	Unit Price FOB Shenzhen	Amount	Remark
Synchronous system	1 set	USD****.**	USD****.**	Including hardware and software (English version)
Total amount			USD****.**	

6. The above price includes

Hardware	LED display panel and video controlling system
Spare parts	R-G-B Replacement 50 PC/Each, 1 module, 1 power supply
Technical material	English version user manual, installation manual and maintenance manual
Service	1. Provide free technology support by phone and e-mail 2. Two years guarantee
Payment	It should be paid by 100% T/T in advance.