

# **P6 High Resolution Outdoor Led Screen**

**Model: BTCP6RGBV** 

#### PRODUCT DESCRIPTION

### **Pixel description**

The SMD 3 in 1 LED have the matched radiation pattern for a uniform, wide viewing angle and high brightness for outdoor full color video screen

#### **Led Features**



Size: 1.2x2mm

Led Ship: Taiwan Chip

Package: 3528

Dominant Wavelength Red (620 - 624 nm) Green (520 - 540 nm) Blue (460 - 480 nm)

## **Luminous Intensity (mcd)**

1600cd /m sq.

Viewing angle: 140 degree front direction

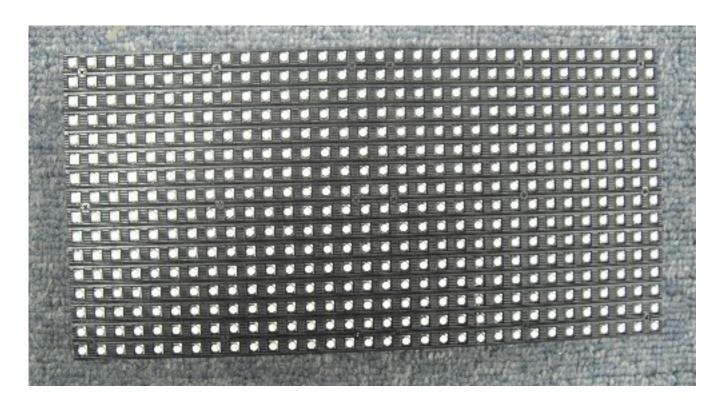
**Moisture Sensitivity Level: 3** 

Lead Free

RoHS Compliant Water proof



## **P6 PANEL UNIT and CABINET**









A.	Panel	Unit and	controller	specification
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Size of panel unit	192 x 96 mm	
Pixel of panel unit	32 x 16 = 512Dot	
Pixel of 1 meter sq.	27777dots/M.sq.	
Driven	1/8 Driven	
Led Driver IC	Korea constant driver	
Power consumption	DC 5v 28W	
B. Cabinet details		
Standard Size	(960 x 960 x 120) mm	
Maintenance	Front access	
IP rating	For Indoor	
Resolution of cabinet	160 x160 physical	
Power consumption	1000W	
Cabinet Material	Cold-Rolled carbon steel with black color coating	



Led panel material	Led lamp: Epoxy, Panel: Poly carbonate	
Weight of Cabinet	50 kg	
Ventilation system	Industrial grade Cooling fan with dust filter	
Humidity	10-90% RH	
Operating temperature	-20 ~ 85 ° C	
IP Grade		
C. Controller system		
Display color	1024x1024x1024=	
	1073741824 10 bit color	
Refresh rate	3000Hz	
Gradient	64-16384	
Brightness	1500-1600cd /m.Sq	
Brightness adjustable	256 level	
Display mode	Online Video mode	
Interface	Gigabyte Ethernet	
MTBF	>15000hours	
D. Panel Mask		
Material	Poly Cabinet	
E. Metal Frame		
Material	Galvanize Steel With Certificate	
Screw	Hilti HST-R M16	
D. Builder work Test item	Welding Test, Screw Pull out test	

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