



藍天科技

Blue Technology Co.

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

Blue

藍天科技

Blue Technology Co.

P6 PANEL UNIT and CABINET





A. Panel Unit and controller specification

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		