P8 High Resolution Outdoor Led Screen

Model: BTCP8RGBVCLX

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: 5.0 x 5.0 x 2.8mm
Led Ship USA chip / Taiwan Chip
Dominant Wavelength
Red   (620 - 624 nm)
Green   (520 – 540 nm)
Blue   (460 – 480 nm)

Luminous Intensity (mcd)
Red   (850 – 1120)
Green   (1200 – 1900)
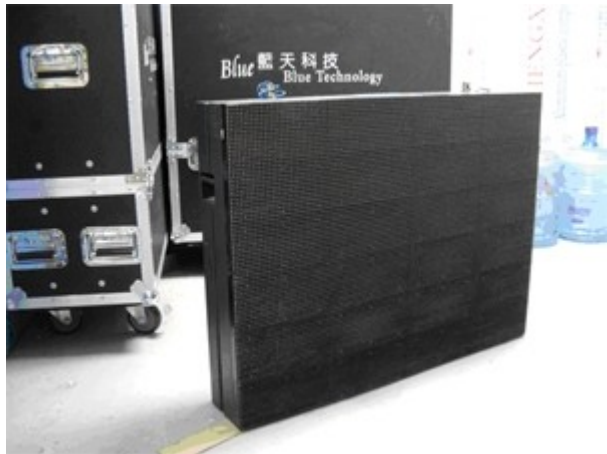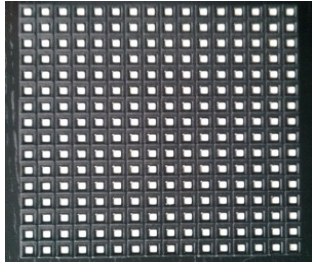Blue   (280 – 560)

Viewing angle: 150 degree front direction
Moisture Sensitivity Level: 3
Lead Free
RoHS Compliant
     Water proof

P8 PANEL UNIT and CABINET

A. Panel Unit and controller specification			
Size of panel unit	256 x 128mm		
Pixel of panel unit	32 x16 = 512 Dot		
Pixel of 1 meter sq.	15625 dots/M.sq.		
Driven	1/2 Driven or 1/4 Driven		
Led Driver IC	Korea constant current Led driver		
Power consumption	42W DC 5v		
B. Cabinet details			
Standard Size	(512x 512 x 120) mm		

Maintenance	Front access		
IP rating	IP67 front and back		
Resolution of cabinet	64 x 64 physical		
Power consumption	672W		
Cabinet Material	Cold-Rolled carbon steel with black color coating		
Weight of Cabinet	35-42 kg		
Ventilation system	Industrial grade Cooling fan with dust filter		
Humidity	10-90% RH		
Operating temperature	-20 ~ 85 °C		

C. Controller system

Display color	1024x1024x1024= 1073741824 10 bit color		
Refresh rate	3600Hz		
Gradient	64-16384		
Brightness	5500-6000cd /m.Sq		
Brightness adjustable	256 level		
Display mode	Video online mode		
Interface	Gigabyte Ethernet		
MTBF	>15000hours		

D. Mounting Structure

Metal Frame Material	Hot dip mild steel (S.H.S)column		