



LED Screen LED Screen LED Screen LED Screen LED Screen

LED Screen



2008/2010
BETLUX ELECTRONICS CO.,LTD.

>>>> In-door full-color LED Screen data

Spec		P8	P10
		Ø5mm	Ø3.75mm
Module Data	Pixel Dot Composition	1R+1G+1B	1R+1G+1B
	Dot Space	7.62mm	10mm
	Pixel Nos	8col × 8row	8col × 8row
Panel Data	Module Nos	8 × 4=32pcs	4 × 2=8pcs
	Pixel Nos	64 × 32=2048 dots	32 × 16=512 dots
	Dimension	Length:487.7mm	Length:320mm
Width:243.9mm		Width:160mm	
Pixel Density		17200 dot/m ²	10000 dot/m ²
Max Power		700w/m ²	1000w/m ²
weight		25kg/m ²	20kg/m ²
Color		In each pixel, there are 255 level gray for red, green and blue representatively, and16.7M color in total.	
Support Mode		VGA640*480, 800*600, 1024*768 display synchronically with the computer, correspondence dot to dot.	
Visual Conditioning		nonlinear Adjusting	
Frame rate		over 120 frame/s	
Drive Mode		synchronization	
Work Voltage		220v ±10%	
Communication Distance		no more than 150m	



>>>> Out-door Bi-color LED Screen data

Module		P25	P22	P20	P18	P16	P16
Panel Data	Pixel Dot Composition	3R+6G	3R+6G	2R+4G	2R+4G	1R+3G	1R+2G
	Dot Space	25mm	22mm	20mm	18mm	16mm	16mm
	Pixel Nos	32×16=512	32×32=1024	32×16=512	32×32=1024	32×32=1024	32×16=512
	Dimension (mm)	800×400	704×704	640×320	576×576	512×512	512×256
Pixel Density		1600 dot/m ²	2066dot/m ²	2500dot/m ²	3086dot/m ²	4096dot/m ²	4096dot/m ²
Max Brightness		5500cd/m ²	6500cd/m ²	6000cd/m ²	7500cd/m ²	7000cd/m ²	6500cd/m ²
Max Power		1000W/m ²	1300W/m ²	1200W/m ²	1500W/m ²	1200W/m ²	1000W/m ²
Weight		50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²
Drive Mode		Static					
Color		In each pixel, there are 256 level gray for red, green representatively, and 65536 color in total.					
Visual Conditioning		512 level					
Viewing angle		70° (H), 30° (V)					
Brightness conditioning		128level can be adjusted					
Frame Rate		more over 120 frames/s					
Support Mode		VGA640*480, 800*600, 1024*768 display synchronically with the computer, correspondence dot to dot					
Communication distance		no more than 150m (without Repeaters)					

>>>> Out-door Single-color LED Screen data

type		P25	P22	P16	P22
Panel Data	Pixel Dot Composition	2R	2R	1R或2R	1R
	Dot Space	25mm	22mm	16mm	11.8mm
	Pixel Nos	16×16=256	32×32=1024	32×32=1024	32×16=512
	Dimension	400×400	704×704	512×512	390×195
Pixel Intensity		1600 dot/m ²	2066 dot/m ²	4096 dot/m ²	6800 dot/m ²
Max Brightness		4000cd/m ²	5000cd/m ²	5000cd/m ²	4000cd/m ²
Max Power		400W/m ²	400W/m ²	500W/m ²	600W/m ²
Weight		45Kg/m ²	45Kg/m ²	45Kg/m ²	50Kg/m ²
Drive Mode		Static			
Grey Level		256level (option)			
Visual Conditioning		128 level			
Viewing angle		70° (H), 30° (V)			
Brightness conditioning		128level			
Frame Rate		more over 120 frames/s			
support Mode		GA640*480, 800*600, 1024*768 display synchronically with the computer, correspondence dot to dot.			
Communication distance		no more than 150m (without repealer)			

>>>> In-door Bi-color LED Screen data

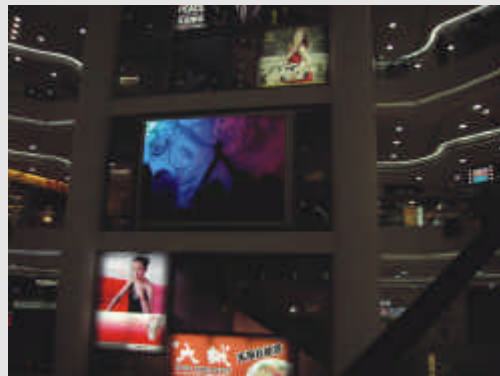
		P8	P5
	type	∅5mm	∅3.75mm
Module Data	Dot Dia.	5mm	3.70mm
	Dot Space	7.62mm	4.70mm
	Pixel Dot Composition	single/two color	single two color
	Pixel Nos	Row:5 col:8	Row:8 Col:8
	Dimension (mm)	37.6mm × 60.2mm	37.8mm × 37.8mm
Panel Data	Module Nos	Row 16 Col 4, 16 × 4=64 or Row 8 Col 4, 8 × 4=32	Row 10 Col 4, 10 × 4=40
	Dimension (mm)	Row 8 dot, col 32 dot, or Row 64 dot, Col 32 dot	Row:80, Col:32
	Dimension	Length:610mm, Width:244mm or Length:488mm, Width:244mm	Length:381mm, Width:153mm
Pixel Intensity		17200 dot/m ²	41100 dot/m ²
max Power		150W/m ² (single) 300W/m ² (bi-color)	500W/m ² (single) 750W/m ² (bi-color)
Weight		20kg/m ²	30kg/m ²
Color		red or (R,G,Y) three color	red or (R,G,Y) three color
Viewing angle		120°	
Run Mode		offline	
Frame Rate		60 frames/s	
connector And/or		RS232 series con, directly	
communication Speed		10Mb/s	
Work voltage		220V ± 10%	
work Temperature		-20°C ~ 65°C	
Life		>10M hours	

>>>> In-door Single-color LED Screen data

	P4	P5	P8
Type	∅3.0	∅3.75	∅5
Dot Dia.	3.0mm	3.75mm	5mm
Dot Space	4mm	4.7mm	7.62mm
Pixel Nos.	Row 80, Col 32	Row 80, Col 32	Row 80, Col 32
Dimension	Length:256mm Width:128mm	Length:381mm; Width:153mm	Length:610mm Width:241mm
Pixel Intensity	62500点/m ²	41100点/m ²	17200点/m ²
Avg. Power	320W/m ²	300W/m ²	250W/m ²
Color	Red or Green		
Viewing Angle	±70		
Work Temperature	-50° ~ +50°		
Work Voltage	Ac220V ± 15%		
software	Win95、Win 98、Win 2000、WinXP		
input Mode	by keyboard		
Drive Mode	synchronization or asynchronization		
display content	text,table,time, etc		
Frame Rate	1600/7		
Life	>10M hours		

>>>> Out-door full-color LED Screen data

Model		P32	P25	P22	P20	P18	P16
Unit Panel Data	Pixel Dot Composition	1R+2PG+1B	2R+1PG-1B	2R+1PG-1B	2R+1PG+1B	2R+1PG+1B	2R+1PG-1B
	Dot Space	31.25mm	25mm	22mm	20mm	18mm	16mm
	Pixel Nos	16 x 16 = 256	32 x 16 = 512	32 x 32 = 1024	32 x 16 = 512	32 x 32 = 1024	32 x 32 = 1024
	Dimension (mm)	500 x 500	800 x 400	704 x 704	640 x 320	576 x 576	512 x 512
Pixel Density	1024 ¹ /m ²	1600 ¹ /m ²	2066 ¹ /m ²	2500 ¹ /m ²	3086 ¹ /m ²	3906 ¹ /m ²	
Max Brightness	5000cd/m ²	5500cd/m ²	6000cd/m ²	7500cd/m ²	9000cd/m ²	10000cd/m ²	
Max Power	1000W/m ²	1000W/m ²	1100W/m ²	1200W/m ²	1200W/m ²	1500W/m ²	
Weight	50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²	50Kg/m ²	
Drive Model	static latch						
Color	In each pixel, there are 256 level gray for red, green and blue respectively, and 16.7M color in total.						
Visual Conditioning	512 level depth conditioning						
Viewing angle	Depends the LED lamp characteristic						
Brightness Conditioning	Each color 256 level brightness, software conditioning						
Frame Rate	over 120 frame/s						
Support Module	VGA640*480, 800*600, 1024*768 display synchronically with the computer, correspondence dot to dot..						
Communication Distance	no more than 150m (without Repeaters)						



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