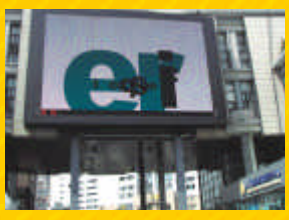
BETLUX

LED Screen LED Screen LED Screen LED Screen LED Scre

LED Screen



2008/2010

BETLUX ELECTRONICS CO.,LTD.

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

Spec		P8	P10
		Ø5mm	Ø3.75mm
Moudle Data	Pixel Dot Composition	1R+1G+1B	1R+1G+1B
	Dot Space	7.62mm	10mm
	Pixel Nos	8col ×8row	8col ×8row
Panel Data	Moudle Nos	8 ×4=32pcs	4 ×2=8pcs
	Pixel Nos	64 ×32=2048 dots	32 ×16=512 dots
	Dimension	Length:487.7mm	Length:320mm
		Width:248.9mm	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 256 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.	
Visiual 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/m2	2066dot/m2	2500dot/m2	3086dot/m2	4096dot/m2	4096dot/m2
Max Brightness		5500cd/m2	6500cd/m2	6000cd/m2	7500cd/m2	7000cd/m2	6500cd/m2
Max Power		1000W/m2	1300W/m2	1200W/m2	1500W/m2	1200W/m2	1000W/m2
Weight		50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2
Drive Mode		Static					
Color		In each pixel, there are 255 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 adjustec					
Frame Rate		move over 120 frames/s					
Support Mode		VGA640*480, 800*600, 1024*768 display synchronically with the computer, correspondence dot to					
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	4906 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)			
Visiual Conditioning		128 level			
Viewing angle		70° (H), 30° (V)			
Brightness conditioning		128level			
Frame Rate		move 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 repeater)			

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

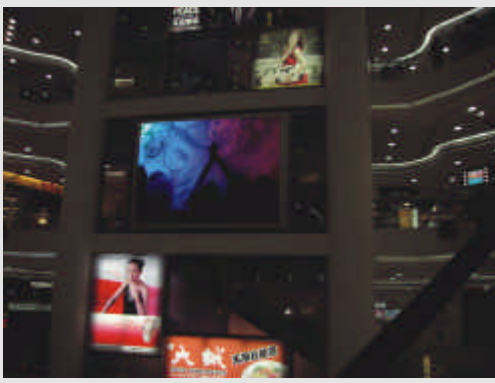
		P8	P5
	type	⌀5mm	⌀3.75mm
Module Data	Dot Dia.	5mm	3.70mm
	Dot Space	7.62mm	4.70mm
	Pixel Dot Composition	single/two color	single/two color
	Pixel Nos	Row:5 col:8	Row:8 Col:8
	Dimension (mm)	37.6mm×60.2mm	37.8mm×37.8mm
Panel Data	Module Nos	Row16 Col4,16×4=64 or Row8Col4,8×4=32	Row10Col1,10×1=10
	Dimension (mm)	Row80dot,col32dot,or Row 64dot, Col32 dot	Row:80,Col:32
	Dimension	Length:610mm,Width:244mm or Length:488mm,Width:244mm	Length:381mm, Width153mm
Pixel Intensity		17200 dot/m2	44100 dot/m2
max Power		150W/m(single) 300W/m2(bi-color)	500W/m2(single) 750Wm2(bi-color)
Weigh:		20kg/m2	30kg/m2
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	
connetor Acaptor		RS232 series con, directly	
communication Speed		10Mb/s	
Work voltage		220V ± 10%	
work Temperature		-20℃ ~ 65℃	
Life		>10M hours	

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

	P4	P5	P8
Type	Φ3.0	Φ3.75	Φ5
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:256 mm Width:128 mm	Length:381mm; Width:153 mm	Length:610 mm Width241 mm
Pixel Intensity	62500点/m²	44100点/m²	17200点/m²
Avg. Power	320W/m²	300W/m²	250W/m²
Color	Red or Green		
Viewing Angle	±70		
Work Temperature	-50° -- +50°		
Work Voltage	Ac220V±15%		
software	Win95、Win98、Win2000、WinXP		
Input Mode	by keyboard		
Drive Mode	synchronization or asynchronism		
display content	text,table,time etc		
Frame Rate	160Hz		
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	16×16=256	32×16=512	32×32=1024	32×16=512	32×32=1024	32×32=1024
	Dimension (mm)	500×500	800×400	704×704	640×320	576×576	512×512
Pixel Density		1024 dot/m²	1600 dot/m²	2066 dot/m²	2500 dot/m²	3086 dot/m²	3906 dot/m²
Max Brightness		5000cd/m²	5500cd/m²	6000cd/m²	7500cd/m²	9000cd/m²	10000cd/m²
Max Power		1000W/m2	1000W/m2	1100W/m2	1200W/m2	1200W/m2	1500W/m2
Weight		50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2	50Kg/m2
Drive Model		static latch					
Color		In each pixel, there are 256 level gray for red, green and blue representatively, 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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