

SABRINA SANAT Co.

PARAMETERS FOR SINGLE-COLOR DISPLAY

INDOOR SINGLE COLOR SERIES

Specification	P4	P4.75,	P6	P7.62	P10
Pixel pitch	4mm	4.75mm	6mm	7.62mm	10mm
Pixel density(dots/m2)	62500	44321	27777	17222	10000
Board size (mm*mm)	128*128	152*152	192*192	244*488	320*160
Display primary color	Red or Green				
Driving method	1/4 or 1/8 scanning				
Level vision	$\geq 120^\circ$				
Operating temperature	$-10^\circ\text{C} \sim +75^\circ\text{C}$				
Working voltage	AC220V/110V $\pm 10\%$				
Transmission distance	100 meters				
Life span	100000 hours				
Power consumption	200w/m2				

OUTDOOR SINGLE COLOR SERIES

Specification	P10	P12	P16	P20
Pixel pitch	10mm	12mm	16mm	20mm
Pixel density(dots/m2)	10000	6944	3906	2500
Board size (mm*mm)	320*160	192*192	256*128	400*200
Display primary color	Red or Green			
Driving method	1/4 or 1/8 scanning			
Level vision	$\geq 120^\circ$			
Operating temperature	$-10^\circ\text{C} \sim +75^\circ\text{C}$			
Working voltage	AC220V/110V $\pm 10\%$			
Transmission distance	100 meters			
Life span	100000 hours			
Power consumption	200w/m2			

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PARAMETERS FOR DUAL-COLOR DISPLAY

INDOOR DUAL COLOR SERIES

Specification	P4	P4.75,	P6	P7.62	P10
Pixel pitch	4mm	4.75mm	6mm	7.62mm	10mm
Pixel density(dots/m2)	62500	44321	27777	17222	10000
Board size (mm*mm)	128*128	152*152	192*192	244*488	320*160
Display primary color	Red & Yellow-green, Red & Pure-green				
Driving method	1/4 scanning				
Level vision	$\geq 120^\circ$				
Operating temperature	$-10^\circ\text{C} \sim +75^\circ\text{C}$				
Working voltage	AC220V/110V $\pm 10\%$				
Transmission distance	100 meters				
Life span	100000 hours				
Power consumption	200w/m2				

OUTDOOR DUAL COLOR SERIES

Specification	P10	P12	P16	P20
Pixel pitch	10mm	12mm	16mm	20mm
Pixel density(dots/m2)	10000	6944	3906	2500
Board size (mm*mm)	320*160	192*192	256*128	400*200
Display primary color	Red & Yellow-green, Red & Pure-green			
Driving method	1/4 scanning			
Level vision	$\geq 120^\circ$			
Operating temperature	$-10^\circ\text{C} \sim +75^\circ\text{C}$			
Working voltage	AC220V/110V $\pm 10\%$			
Transmission distance	100 meters			
Life span	100000 hours			
Power consumption	200w/m2			

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PARAMETERS FOR RAINBOW PANEL DISPLAY

Item	Indoor		Outdoor	
	P7.62	P10	P10	P16
Pixel Pitch	7.62mm	10mm	10mm	16mm
Size of unit module	244mm X 61mm	320mmX80mm	160mmX80mm	256mmX64mm
Pixel of unit module	32X8 (dots)	32X8 (dots)	16X8 (dots)	16X4 (dots)
Density of pixel	17222dots/m2	10000dots/m2	10000dots/m2	3906dots/m2
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Maximum consumption	800&1000w/m2	600w/m2	1200w/m2	1200w/m2
Brightness	1500&3500cd/m2	1000cd/m2	6500cd/m2	8000cd/m2
Driving method	1/8 scanning	1/8 scanning	1/2 scanning	1/2 scanning
Control method	Synchronization& Asynchronization	Synchronization& Asynchronization	Synchronization& Asynchronization	Synchronization& Asynchronization
Frame frequency	60Hz	60Hz	60Hz	60Hz
Working voltage	AC220V/110V ± 10%	AC220V/110V ± 10%	AC220V/110V ± 10%	AC220V/110V ± 10%
Minimum radius	466mm	610mm	765mm	957mm