

Vatronics Technologies Limited



P6 Indoor Full Color LED Display



P7.62 Indoor Full Color LED Display



P10 Indoor Full Color LED Display



P12 Outdoor Full Color LED Display



P16 Outdoor Full Color LED Display



P20 Outdoor Full Color LED Display



P25 Outdoor Full Color LED Display

Specifications for outdoor full-color LED display										
Module	Classification of items	P10	P12	P14	P16		P20		P25	PH31.25
		Full-color	Full-color	Full-color	Full-color	Virtual pixel full-color	Full-color	Virtual pixel full-color	Full-color	Full-color
	Pixel Pitch	10mm	12mm	14mm	16mm	16mm	20mm	20mm	25mm	31.25mm
	Modules size (mm*mm)	160*80	192*96	224*224	256*256	256*128	320*160	320*160	200*200	250*250
	Density of pixel	10000/M2	6944/M2	5102/M2	3906/M2	3906*4/M2	2500/M2	2500*4/M2	1600/M2	1024/M2
	Pixel constitation	2R1G1B	2R1G1B	1R1G1B	1R1G1B	2R1G1B	1R1G1B	2R1G1B	2R1G1B	4R2G2B
	LED encapsulation way	346	346	546	546	546	546	546	546	546
	Display resolution	16*8	16*8	16*8	16*8	16*8*4	16*8	16*8	8*8	8*8
Specification	The best viewing distance	8M	10M	12M	14M	15M	17M	18M	20M	24M
	The best viewing angle	110degree	110degree	110degree	110degree	110degree	110degree	110degree	110degree	110degree
	The greatest consumption	900W/M2	900W/M2	1200W/M2	950W/M2	1150W/M2	670W/M2	900W/M2	480W/M2	550W/M2
	Driving method	1/4 Scan Same Current	1/4 Scan Same Current	Static State Same Current	Static State Same Current	Static State Same Current	Static State Same Current	Static State Same Current	Static State Same Current	Static State Same Current
	Luminance of white balance	4000	4500	5000	5500	5500	5500	5500	5000	5000
	Working voltage	220V~230V/ 110V								
	Working envirotment temperature	-40degree~ +60degree								
	Life-span	>100000hours								
	LED Lamps	CREE COTCO/USA AXT								
		The datasheet is subject to our final confirm								

Module	Specifications for indoor full-color LED display								
	Classification of items	P6		P7.62		P8	P10		P12
		Full-color	Full-color	Full-color	Full-color	Full-color	Full-color	Full-color	Full-color
	Pixel Pitch	6mm	6mm	7.62mm	7.62mm	8mm	10mm	10mm	12mm
	Modules size (mm*mm)	192*96	192*192	243.8*121.9	243.8*121.9	256*128	320*160	160*160	192*192
	Density of pixel (dots/sqm)	27777/M2	27777/M2	17222/M2	17222/M2	15625/M2	10000/M2	10000/M2	6944/M2
	Pixel constitution	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	LED encapsulation way	SMD 0603	SMD 0805	SMD 0805	SMD 0805	SMD 0805	SMD 0805	SMD 0805	SMD 0805
	Display resolution(pixels)	32*16	32*32	32*16	32*16	32*16	32*16	16*16	16*16
Specification	The best viewing distance	6M	6M	7.5M	7.5M	7.5M	8M	8M	10M
	The best viewing angle	160/120	160/120	160/120	160/120	160/120	160/120	160/120	160/120
	The greatest consumption	1800W/M2	1800W/M2	1400W/M2	1200W/M2	1100W/M2	800W/M2	700W/M2	1000W/M2
	Driving method	1/8 Scan Same Current	1/8 Scan Same Current	1/4 Scan Same Current	1/8 Scan Same Current	1/8 Scan Same Current	1/4 Scan Same Current	1/8 Scan Same Current	1/2 Scan Same Current
	Luminance of white balance(cd/sqm or NITS)	>1200	>1200	>1100	>1000	>1000	>1200	>900	>1200
	Working voltage	220V AC/ 110V AC							
	Working environment temperature	-40degree~+60degree							
	Life-span	>100000hours							
	LED Lamps	CREE COTCO/USA AXT							
		The datasheet is subject to our final confirm							