



## P SERIES

- Anti-UV modules, ensure longer life-span
- High gray scale
- High color uniformity
- High contrast ratio, bringing up fresh and natural image
- Stable performance



High  
Brightness



IP65



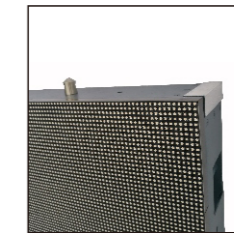
Fixed



Wide  
Viewing Angle



Energy-saving



CE ETL RoHS EMC

## SPECIFICATIONS

### Fixed Outdoor DIP Screen

Parameter	Unit	P6-TE	P8-TE	P10-TE	P10-T	P12-T	P16-T	P20-T
Pixel pitch	mm	12	16	20	10	12	16	20
Brightness	nits	6000						
Pixel configuration	R/G/B	DIP346 (2R1G1B)			DIP346 (1R1G1B)			
Colour temperature	deg.K	6500						
Viewing angle-Horizontal (50% brightness)	deg.	120 (+60/-60)						
Viewing angle-Vertical (50% brightness)	deg.	80 (+25/-55)						
Recommended minimum viewing distance	m	12	16	20	10	12	16	20
Panel width	mm	960	1024	1280	960	1152	1024	1280
Panel height	mm	960	768	960	960	960	768	960
Panel depth	mm	140	160	175	160	160	160	175
Panel area	m <sup>2</sup>	0.9216	0.7864	1.2288	0.9216	1.1059	0.7864	1.2288
Panel material		Steel/Aluminum						
Panel weight (Steel/Aluminum)	Kg	55/48	45/35	62/56	57/44	63/54	45/35	62/56
Ingress protection (front/rear)	IP	65/43						
Pixels per panel		25,600	12,288	12,288	9,216	7,680	3,072	3,072
Pixels per sq. meter		27,778	15,625	10,000	10,000	6,944	3,906	2,500
Pixel matrix per panel		160x160	128x96	128x96	96x96	96x80	64x48	64x48
Brightness control		255						
Digital processing	bit	16						
Frame rate	Hertz	50/60						
Display refresh rate	Hertz	1920						
Input voltage	VAC	100 ~ 240						
Input power frequency	Hertz	50 ~ 60						
Input power (Max.)	W/m <sup>2</sup>	500	530	500	550	600	580	500
Input power (Avg.)	W/m <sup>2</sup>	175	190	175	200	210	203	175
Operating temperature range	Deg.C	-20 ~ +60						
Lifetime (50% brightness)	Hour	100,000						

## SPECIFICATIONS

### Fixed Indoor SMD Screen

Parameter	Unit	P3	P4	P4.44	P5	P6	P7.62	P10
Pixel pitch	mm	3.5	4	4.444	5	6	7.62	10
Brightness	nits	1200	2000				1500	
Pixel configuration	R/G/B	SMD3 in 1						
Colour temperature	deg.K	6500						
Viewing angle-Horizontal (50% brightness)	deg.	160 (+80/-80)						
Viewing angle-Vertical (50% brightness)	deg.	140 (+70/-70)						
Recommended minimum viewing distance	m	3.5	4	4.4	5	6	7.6	10
Panel width	mm	448	1024	640	640	768	975	1280
Panel height	mm	448	512	427	640	576	732	960
Panel depth	mm	135	145	105	145	145	145	145
Panel area	m <sup>2</sup>	0.2007	0.5243	0.2733	0.4096	0.4424	0.7137	1.2288
Panel material		Steel/Aluminum						
Cabinet weight	Kg	10/Aluminum	22/Aluminum	13/Aluminum	35/Steel	39/Steel	43/Steel	55/Steel
Rental Aluminum cabinet weight	Kg	10(pull-cast Al)	27	13(pull-cast Al)	20	22	25	51
Pixels per panel		16,384	32,768	13,824	16,384	12,288	12,288	12,288
Pixels per sq. meter		81,633	62,500	50,635	40,000	27,778	17,222	10,000
Pixel matrix per panel		128x128	256x128	144x96	128x128	128x96	128x96	128x96
Brightness control		255						
Digital processing	bit	16						
Frame rate	Hertz	50/60						
Display refresh rate	Hertz	1920						
Input voltage	VAC	100 ~ 240						
Input power frequency	Hertz	50 ~ 60						
Input power (Max.)	W/m <sup>2</sup>	800	720	680	760	660	440	400
Input power (Avg.)	W/m <sup>2</sup>	280	250	240	270	235	160	140
Operating temperature range	Deg.C	-10 ~ +40						
Lifetime (50% brightness)	Hour	100,000						