

LEDsolution 4mm Permanent Outdoor SMD LED Panel



SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

Update 2012-6-1

Parameter	Unit	Value
Pitch	mm	4
Brightness	nits	5,500
Color temperature	deg. K	6,500
Viewing angle - Horizontal (50% brightness)	deg.	140(-70 ~ +70)
Viewing angle - Vertical (50% brightness)	deg.	140(-70 ~ +70)
Panel weight	kg	40
Panel width	mm	1,024
Panel height	mm	1,024
Panel depth	mm	180
Panel area	sq. m.	1.05
Panel material		Epoxy paint coated Cold rolled steel
Ingress protection (front/rear)	IP	IP65/IP65
Operating temperature range	deg. C	-30 to +60
Humidity operating	RH	10% ~ 90%
Pixel type and configuration	R/G/B	Outdoor 3in1 SMD
Resolution per panel		256*256
Dot per panel		65,536
Dot per sq. meter		62,500
LED per sq. meter		62,500
Recommended minimum viewing distance	m	3
Recommended best viewing distance	m	4~200
Colors		281 Trillion
Grey scale (linear)	Levels	65,536 levels per color
Brightness control	Levels	100
Contrast ratio		1,000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	180~3,000
Input voltage (nominal)	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	Watts / panel	900
Input power (typical)	Watts / panel	360
Lifetime (50% brightness)	Hours	≥100,000
Red wavelength (dominant)	nm	620~625
Green wavelength (dominant)	nm	525~530
Blue wavelength (dominant)	nm	470~475
Multimedia data format		DVI,MPG,AVI,WMV,RM etc.
Data interconnection		UTP Cat 5
Mounting system		Fixed with 4pcs M10 bolts
Controller		Linsn/NOVA

*LEDSolution reserves the right to change any specifications without notice.