

# LEDSOLUTION 10mm Permanent Front Service Outdoor SMD LED Panel

**LEDSOLUTION**®



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SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

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Parameter	Unit	Value
Pitch	mm	10
Brightness	nits	5000
Color temperature	deg. K	6500
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	960
Panel height	mm	960
Panel depth	mm	155
Panel area	sq. m.	0.9216
Panel material		Epoxy paint coated Cold rolled steel
Service access		Module front service
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		96*96
Dot per panel		9216
Dot per sq. meter		10000
LED per sq. meter		10000
Recommended minimum viewing distance	m	7.6
Recommended best viewing distance	m	8~100
Colors		281 Trillion
Grey scale (linear)	Levels	65536 levels per color
Brightness control	Levels	100
Contrast ratio		1000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	180~3000
Input voltage (nominal)	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	Watts / panel	800
Input power (typical)	Watts / panel	320
Lifetime (50% brightness)	Hours	≥100000
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/Optical Fiber
Mounting system		Fixed with 4pcs M10 bolts
Controller		Linsn/NOVA

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