

InnoFuture LED Screen Solution

InnoPixel Series



Easier and Smarter Way to Connect to the World

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Key Features



Flexible Splicing

- ✓ Standard modular kit provides powerful support for splicing video wall with various sizes
- ✓ Flexible modular kit matching, greatly saving the cost of splicing and improve scalability



Excellent Display Performance

- ✓ Comfortable view with a wide viewing angle, pure and consistent color
- ✓ Precise display with presenting details and exquisite quality



Seamless Splicing

- ✓ Excellent material ensures superb screen splicing accurate and flatness
- ✓ Standard modular kit provides powerful support for splicing video wall with various sizes





Advanced Color Processing

- ✓ Wide color gamut provide excellent lifelike picture display
- ✓ Superior brightness and color uniformity maintains smooth and complete image



High Stability

- ✓ 7 x 24 hours stable working with fast response and easy control
- ✓ High quality lamp beads with long lifetime and protection

Module Appearance



*This is a schematic diagram only. Module shapes may vary depending on usage scenario

Item		InnoPixel 0.9375	InnoPixel 1.25	InnoPixel 1.5625	InnoPixel 1.875	InnoPixel 2.0	InnoPixel 2.5
Module	Pitch	0.9375	1.25	1.53	1.86	2	2.5
	LED Type	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
	Module Resolution	320x180	240x135	192x108	160x90	150x84	120x68
	Module Size (mm*mm)	300x168.75	300x168.75	300x168.75	300x168.75	300x168.75	300x168.75
	Pixel Density (dots/cabinet)	230400	129600	82944	57600	50400	32600
	White Balance Brightness (nit)	600-800	600-800	600-800	600-800	600-800	600-800
	Color temperature (k)	3000-15000	3000-15000	3000-15000	3000-15000	3000-15000	3000-15000
	Horizontal Viewing Angle	160	160	160	160	160	160
	Vertical Viewing Angle	140	140	140	140	140	140
	Deviation of the center distance of the luminous point	<3%	<3%	<3%	<3%	<3%	<3%
	Brightness uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Contrast	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
	Maintenance method	Front	Front	Front	Front	Front	Front
	Cabinet Dimension (mm)	600mm x 337.5mm x 58mm					
	Material	Cast Aluminum					
Electrical Parameters	Average Power Consumption (W/m ²) SMD	≤500	≤500	≤400	≤400	≤270	≤270
	Maximum power consumption (W/m ²) SMD	≤900	≤900	≤800	≤800	≤650	≤650
	Average Power Consumption (W/m ²) GOB	≤650	≤650	≤500	≤500	≤400	≤400
	Maximum power consumption (W/m ²) GOB	≤900	≤900	≤800	≤800	≤650	≤650
	Single Module Current (A)	4					
Processing performance	Power Requirements	DC: 4.5	DC: 4.5	DC: 4.5	DC: 4.5	DC: 4.5	DC: 4.5
	Frame change frequency (Hz)	50/60					
	Fresh rate	3840					
	drive mode	Constant Current Drive 43S					
	Grey Scale (bit)	14-16					
Usage Parameters	Typical life value (hrs)	≥100000					
	working temperature range(°C)	-10 - 40					
	Storage temperature range(°C)	-20 - 60					
	Operating Humidity Range (RH)	15 - 80% No Condensation					
	Storage Humidity Range (RH)	10 - 85% No Condensation					

Note: This is reference information for LED module. There are various pitches and packaging products available. It depends on the scenario. The module shapes may vary depending on cabinet and usage scenario as well. Please kindly contact to info@innofuture.tech for more information