

Indoor LED Display Solutions

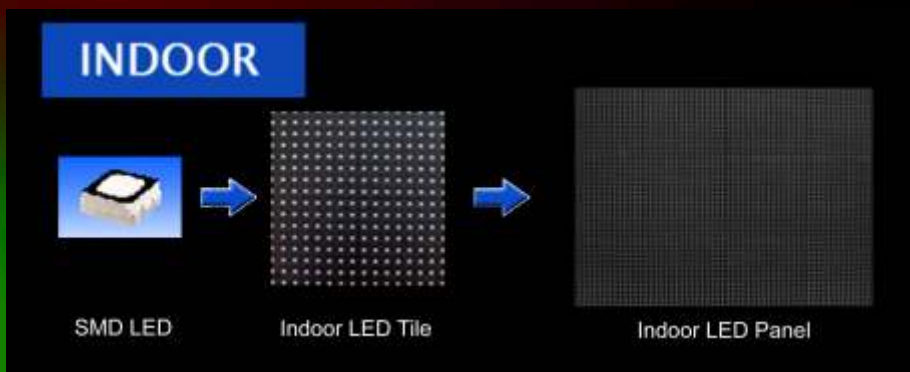
i-series

Micropak's indoor LED display product range, the MicroLite i-series, delivers images with unequaled brightness and contrast levels as well as superb color uniformity. With its slim, sleek design, the i-series allows the build up of almost any shape and size of display.

Purpose built for indoor environment, MicroLite i-series indoor LED modules form part of a total display solution that includes rugged structures, sturdy packaging as well as a powerful and user-friendly software application which allows you to have your display installed and running in virtually no time.

The i-series range comes in the following resolutions: 5mm, 6mm, 8mm, 10mm and 12mm.

The i-series LED display range is ideally suited for countless applications - from indoor events that deserve a touch of glamour such as product launches, major trade shows or fashion shows,



Premium Full Color LED Video Screens

Indoor LED screen Specifications Advertising/Information Indoor(Pitch 5-12mm)

Pixel pitch (mm)	5	6	8	10	12
Pixel composition (SMD)	3 in 1 SMT LED (full color)				
Display tile Resolution pixels wide	32	32	32	32	16
Display tile Resolution pixels high	32	16	16	16	16
Panel Resolution pixels wide	160	160	128	128	64
Panel Resolution pixels high	128	128	96	96	48
Panel Size wide (mm)	800	960	1024	1280	768
Panel Size high (mm)	640	768	768	960	576
Resolution (pixels/m2)	40000	27778	15625	10000	6944
Weight(kg/m2)	65	69	57.2	59	56
Display color	coding	215x215x215=3500 billion colors			
	output	256(R)x256(G)x256(B), 16.7 million Colors			
Brightness(cd/m2)	>2200	>1600	>1400	>1300	>1200
Viewing distance(m)	5-38	6-45	8-60	10-75	12-110
Drive mode	1/8 multiplex	1/16 multiplex	1/8 multiplex	1/8 multiplex	1/4 multiplex
Viewing angle horizontal(degrees)	160				
Viewing angle vertical(degrees)	160				
Working voltage	AC220V / 47-63 HZ				
Max. Power consumption (KW/m2)	1.5	0.7	0.6	0.45	0.52
Average power consumption (KW/m2)	0.65	0.25	0.22	0.19	0.26
Maintenance	Rear or Front				
Ambient Temp.	20-50 C				
Ambient humidity	10-85% RH Non-Condensing				
Nominal work life	> 100,000 hrs				
Video input	DVI, Composite video, VGA, S-Video (requires video capture card)				
Video sources	DVD, VCD, VCR, TV, camera with PAL/NTSC standard				
Brightness control	0-256 Steps Manual or optional Automatic Control				
Contrast Ratio	950:1				
Gray Scale	0-16K or 0-64K				
Gamma correction	Yes				
VGA and Live video	Yes				
Frequency of frame display	50/60 Hz				
Refresh Rate	10-1200Hz				
Data Transmission	Panel input Cat5 cable, Remote: RS232/Ethernet				

