

Indoor Full Colour Multimedia Video Displays

Applications:

Gymnasium • Supermarkets • Shopping Centres • Cinemas • Meeting Rooms • Exhibition Centres • Hotels • Restaurants • Sporting Centres • Many more.

The full colour RGB Indoor LED Sign is a superior advertising medium that can impact your audiences with brilliant, dazzling RGB full colour messages, graphics and videos.

Features:

- ▶ Full colour models display high definition 16.7 million colour images using 256 shades each of Red, Green & Blue in real time full motion video.
- ▶ Simulated full colour models use combinations of Red and Yellow-Green LED's to display realistic 65 thousand colour images in real time full motion video with blue simulated by grey.
- ▶ Monochrome models are available in Red, Green or Yellow, with 256 shades.
- ▶ Viewing angle of 120 degrees or more (see table).
- ▶ Modularised design enables a variety of sizes to be achieved using standard modules.
- ▶ Refresh rate of 60 frames per second.
- ▶ Conservative design minimises reduction in brightness due to LED degradation.
- ▶ Use of large-scale programmable integrated circuits results in high stability & reliability.
- ▶ Automatic control of driver current is performed in real time in line with the features of the displayed information.
- ▶ Working life > 100,000 hrs. Average power consumption 400-800W/m2.
- ▶ Superior Graphic User Interface with more than one hundred display modes facilitates the editing and display of various video and graphic formats.
- ▶ Multi Picture Function can display multiple images on one screen.
- ▶ Multimedia and video synchronization technologies enable synchronous picture and sound.
- ▶ Optional support for computer network interfaces.
- ▶ Signs are compatible with TV, VCD, DVD, VCR, video camera, scanner and digital camera formats and are able to display TV and other video information.





Technical Specifications

No	Pixel Diameter (mm)	Pitch (mm)	Density (Pixels /m ²)	Pixel Configuration	Colour	Panel Composition Pixels (W x H)	Brightness (mCd/m ²)	Horizontal Viewing Angle	Max Power Consumption (W/m ²)	Approx Weight (Kg/m ²)
1	3	4.0	62,500	1R1G	two colour	64 x 64	160	160 degree	1500	30
2	3.7	4.75	44,444	IR 1R1G	single two colour	48 x 24 72 x 24 80 x 32	150/110	160 degree	550/900	22
3	3.7	4.75	44,444	1R1G	two colour	64 x 32	120	160 degree	1100	22
4	5	7.62	17,241	IR	single	80 x 16 80 x 32	130	160 degree	300	15
5	5	7.62	17,212	1R1G	two colour	64 x 32	80	160 degree	500	18
6	5	7.62	17,212	SMD3 in 1	full colour	64 x 48	3000	160 degree	1000	60
7	8	10	10,000	4R 2R2YG	single two colour	64 x 48	2200	160 degree	1350	70
8	8	10	10,000	1R3YG	two colour	64 x 48	1900	160 degree	1200	70
9	8	10	10,000	2R1G1B	full colour	64 x 48	2500	160 degree	1500	70
10	8	10	10,000	SMD3 in 1	full colour	64 x 48	3500	160 degree	1500	70
11	10	12	6,944	2R1G1B	full colour	64 x 48	2200	160 degree	1200	70
12	10	12	6,944	1R3YG	simulated full colour	64 x 48	2400	160 degree	1600	70
13	10	12	6,944	SMD3 in 1	full colour	64 x 48	2430	160 degree	1000	70
14	15	16	3,906	4R 2R2YG	single two colour	64 x 48	3400	160 degree	1000	75

Remarks:

The sizes expressed in the matrix above are for the display area. ▶▶

Display area Display area equals pixel quantity (dots) multiplied by the pitch (cm).
Measurements for the display area are in centimetres (cm).

