

# Outdoor Full Colour Multimedia Video Displays

## Applications:

Gymnasium • Stadium • Public Squares • Sporting Venues • Many more.

The full colour RGB Outdoor 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 distance up to 300m. Viewing angle of 120 degrees.
- ▶ 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 industrial grade driver integrated circuits results in high 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/m<sup>2</sup>.
- ▶ Suitable for use in all weather, rain or shine, day or night, in temperatures from -45 to +80C.
- ▶ Superior Graphic User Interface with more than one hundred display modes facilitates the display and editing 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 <sup>2</sup> )	Pixel Configuration	Colour	Approx Weight (Kg/m <sup>2</sup> )	Panel Composition Pixels (W x H)	Brightness (mCd/m <sup>2</sup> )	Horizontal Veiwng Angle	Max Power Consumption (W/m <sup>2</sup> )
1	16	20.0	2500	2R4YG	two colour	80	48 x 32	>4500	120 degree	1000
2	19	22.0	2066	3R6YG	two colour	80	32 x 24 64 x 48	>4000	120 degree	640
3	26	31.25	1024	4R12YG	two colour	80	32 x 24	>4000	120 degree	660
4	12	14.0	5102	2R1G1B	full colour	80	64 x 48	>6000	120 degree	1200
5	14	16.0	3906	2R1G1B	full colour	80	64 x 48	>6000	120 degree	1200
6	16	20.0	2500	2R1G1B	full colour	80	64 x 48	>5500	120 degree	1100
7	19	22.0	2066	2R1G1B	full colour	80	64 x 48	>5000	120 degree	1100
8	19	22.0	2066	3R2G1B	full colour	80	64 x 48	>7400	120 degree	1200
9	22	25.0	1600	2R1G1B	full colour	80	32 x 24 64 x 48	>5500	120 degree	1100
10	26	31.25	1024	4R2G1B	full colour	80	32 x 24	>5000	120 degree	1100

## 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).

