

RGB Screens

Full Colour Electronic Displays



Canberra Theatre



Playbill Venues, Fox Studios, NSW



Endeavour Sports High, NSW



BMA Coal, QLD



BHP Billiton, WA



Medibank Stadium, WA



Queensland Tennis Centre, QLD



Workscene, NSW



Mecca Cosmetica, Myer, NSW

Computronics RGB Screens

RGB Screens are programmable and easy to update for simple text messages or full colour graphics. The screens are modular allowing for various sizes to fit any location.

Standard features

- Full-colour display (16 million colours)
- Wide viewing angles - 110 degrees
- Windows Operating System Interface
- Calendar and clock functions
- User-friendly software
- Various font styles available
- Different Display Modes, i.e. Scrolling, rotate, snow, sparkle etc.
- Compatible with various computer networks
- Brightness function - adjustable to 100 levels
- Scheduling options for order and display timing
- Automatic On/Off function
- Low power consumption
- Long life - Solid State Illumination
- Low maintenance
- Easy installation

Custom features

- 5 to 40 mm Pitch Resolution
- Input Signal: HDTV, CATV, NTSC PAL S-Video VGA VCD DVD
- Availability to enlarge or reduce video signal

Graphic and Character Function - Overview:

- Images and text compatible formats include:
 - Text: txt, html, rtf, doc, xls, wks
 - Graphics: jpg, bmp, gif, wmf, pcx, ico,
 - Media/motion: avi, mpg, asf, wmv, swf, rm

Video Function option:

- Play video direct from VCD or DVD player
- Display real time and synchronous content direct from a PC
- Scheduling options for playing order and time spent on screen

The screens display exceptional clarity and definition providing the viewing public with an enhanced viewing experience.

For further information contact **Computronics** on **1300 888 506** or email sdsales@computronics.biz

Computronics offer a 2 year warranty on parts and materials (BTB).

Service technicians available through Australia.



www.computronics.biz

Outdoor full color LED sign technical data

MODEL	Outdoor RGB10D	Outdoor RGB12D	Outdoor RGB16D	Outdoor RGBV16D	Outdoor RGB20D
Pixel Composition	1B + 1G + 1R (Discrete)	1B + 1G + 2R (Discrete)	1B + 1G + 2R (Discrete)	1B + 1G + 2R (Discrete)	1B + 1G + 2R (Discrete)
Pitch	10mm	12mm	16mm	16mm, Virtual 8mm	20mm
Pixel Density/m2	10,000	6,944	3,906	3,906	2,500
Viewing Distance	7-50 M	12-45 M	15-180 M	15-180 M	20-200 M
Viewing Angle	H≥110° V≥50°	H≥110° V≥50°	H≥110° V≥50°	H≥110° V≥50°	H≥110 V≥50
Color	16M	16M	16M	16M	16M
Grey Scale	256	256	256	256	256
Brightness	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white
Temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Humidity	10% - 99%	10% - 99%	10% - 99%	10% - 99%	10% - 99%
Display	Multimedia	Multimedia	Multimedia	Multimedia	Multimedia
Frame refresh rate	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz
Pixel refresh rate	>240 Hz	>240 Hz	>240 Hz	>240 Hz	>240 Hz
Communication	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m
Safety Grounding	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω
Input Voltage	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz
Continuous work hour	>72	>72	>72	>72	>72

MODEL	Outdoor RGBV20D	Outdoor RGB25D	Outdoor RGBV25D	Outdoor RGB31.25D	Outdoor RGB40D
Pixel Composition	1B + 1G + 2R (Discrete)	1B + 1G + 2R (Discrete)	1B + 1G + 2R (Discrete)	2B + 2G + 4R	2B + 2G + 4R
Pitch	20mm, Virtual 10mm	25mm	25mm, Virtual 12.5mm	31.25mm	40mm
Pixel Density/m2	2,500	1,600	1,600	1,024	625
Viewing Distance	20-200 M	25-250 M	25-250 M	30-300 M	30-350 M
Viewing Angle	H≥110° V≥50°	H≥110° V≥50°	H≥110° V≥50°	H≥110° V≥50°	H≥110 V≥50
Color	16M	16M	16M	16M	16M
Grey Scale	256	256	256	256	256
Brightness	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white	≥5000CD/ m2 at brightest white
Temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Humidity	10% - 99%	10% - 99%	10% - 99%	10% - 99%	10% - 99%
Display	Multimedia	Multimedia	Multimedia	Multimedia	multimedia
Frame refresh rate	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz	≥60 Hz
Pixel refresh rate	>240 Hz	>240 Hz	>240 Hz	>240 Hz	>240 Hz
Communication	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m	CAT5 cable≥100m
Safety Grounding	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω	Lightning <10Ω Chassis <4Ω
Input Voltage	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz	AC 90 - 260 VAC + -10% 50-60Hz
Continuous work hour	>72	>72	>72	>72	>72