

Single Color Matrix

LED Displays



These dynamic boards can be programmed in seconds to display scores for multiple sports, as well as text, graphics, animations, and logos.

Although varying sizes are available, standard display pixel spacing suggestions are as follows:

- 18 mm for indoor displays (viewing distance 39' - 177') (11.89m x 53.95m)
- 30 mm for outdoor sports stadiums (viewing distance 65' - 294') (19.81m x 89.61m)
- 50 mm for outdoor billboards (viewing distance 108' - 490') (32.92m x 149.35m)

Please consult with your CTS representative to find the right board for you.

Often overlooked is the ability to use your display to generate revenue for your organization. Selling advertising or offering sponsorship opportunities on the board can pay for your board and put money in your pocket.

Available in red or amber.

See reverse side for specifications.

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Indoor Single Color Specifications

Video Processing	10-bit				
Dimming Capability	4 Levels of Brightness Control				
LED Lifetime	80,000+ Hours				
Display Intensity Range	250 - 2,000 nits				
Viewing Angle Horizontal	120 degrees				
Viewing Angle Vertical	60 degrees				
Contrast Ratio	1,000 : 1				
Refresh Rate (Hz)	300				
Service Access	Front or Rear				
Humidity Tolerance	0% - 95%				
Operating Temperature	-10 C - 40 C (14 F - 105 F)				

Pixel Center to Center Spacing (mm)	12	18	23	30	35
Pixel Configuration	1 R/A	1 R/A	3 R/A	5 R/A	6 R/A
Basic Module (HxW)	16 x 16	16 x 16	8 x 16	8 x 8	8 x 8
Panel Pixel Configuration (HxW)	48 x 48	48 x 64	32 x 48	32 x 32	16 x 32
Panel Dimensions (HxW)	576 x 576 mm	864 x 1152 mm	736 x 1104 mm	960 x 960 mm	560 x 1120 mm
	22.68" x 22.68"	34.02" x 45.35"	28.98" x 43.46"	37.79" x 37.79"	22.05" x 44.09"
Pixels per Square Meter	6,889	3,025	1,849	1,089	784
Pixels per Square Foot	625	256	169	100	64
Power per Panel (Peak, Watt)	300	400	300	320	200
Weight per Panel (Kg)	12	34	28	32	22
Weight per Panel (lbs)	27	75	62	71	49
Minimum Viewing Distance (m)	8	12	15	20	23
Minimum Viewing Distance (ft)	26	39	50	65	76

Outdoor Single Color Specifications

Video Processing	10-bit				
Dimming Capability	4 Levels of Brightness Control				
LED Lifetime	80,000+ Hours				
Display Intensity Range	812 - 5,000 nits				
Viewing Angle Horizontal	120 degrees				
Viewing Angle Vertical	60 degrees				
Contrast Ratio	1,000 : 1				
Refresh Rate (Hz)	300				
Service Access	Rear	Front or Rear			
Humidity Tolerance	0% - 95%				
Operating Temperature	-10 C - 50 C (14 F - 120 F)				

Pixel Center to Center Spacing (mm)	12	18	23	30	35
Pixel Configuration	1 R/A	2 R/A	3 R/A	5 R/A	7 R/A
Basic Module (HxW)	16 x 16	16 x 16	8 x 16	8 x 8	8 x 8
Panel Pixel Configuration (HxW)	48 x 48	48 x 64	32 x 48	32 x 32	32 x 32
Panel Dimensions (HxW)	576 x 576 mm	864 x 1152 mm	736 x 1104 mm	960 x 960 mm	1120 x 1120 mm
	22.68" x 22.68"	34.02" x 45.35"	28.98" x 43.46"	37.79" x 37.79"	44.09" x 44.09"
Pixels per Square Meter	6,889	3,025	1,849	1,089	784
Pixels per Square Foot	625	256	169	100	64
Power per Panel (Peak, Watt)	300	410	310	320	410
Weight per Panel (Kg)	20	55	45	50	55
Weight per Panel (lbs)	45	122	100	111	122
Minimum Viewing Distance (m)	8	12	15	20	23
Minimum Viewing Distance (ft)	26	39	50	65	76