

RGB Full Color Display System Specifications

Pixel Pitch	12mm, 16mm, 20mm, 23 mm, 25mm, 28mm, 34mm
Pixel Type	Hybrid (16mm, 34mm, 45mm, 89mm); Mega Hybrid (12mm, 20mm, 23mm, 25mm, 28mm)
Color Processing Capability	16bit, 281 trillion gamma corrected color processing (not including dimming levels)
Estimated LED Lifetime	100,000 hours
Viewability	140 degree
Brightness/Contrast Enhancement:	Individual louvers for each individual LED diode
Graphic Capability	Text, animation, picture, and video
Control Software	VGA Sign Controller/ Media Editor 3 package
Display Dimming	100 levels
Scan Rate	300Hz
Frame Rate	60 frames per second
Power	120/ 240 VAC single phase
Service Access	Standard Front access with optional rear access
Sealed-Cabinet Cooling System	Optional
Communications Options	Ethernet, Wireless Ethernet, Fiber Optic, Broadband internet
Warranty	5 year parts / in-house labor



*2040-5LED Mega Hybrid Unit shown

Model Number	1248	1616	2040-3	2040-5	2345-3	2345-5	2545	2848	3428-5	3428-8
Pitch	12mm	16mm	20mm	20mm	23mm	23mm	25mm	28mm	34mm	34mm
Pixel Diameter	48mm	16mm	40mm	40mm	45mm	45mm	45mm	48mm	28mm	28mm
Pixel Type	Mega	Standard	Mega	Mega	Mega	Mega	Mega	Mega	Standard	Standard
LED per Pixel	1R, 1G, 1B	2R, 1G, 1B	1R, 1G, 1B	2R, 2G, 1B	1R, 1G, 1B	2R, 2G, 1B	2R, 2G, 1B	2R, 2G, 1B	2R, 2G, 1B	3R, 3G, 2B
LED Density	20,833 LED/M ²	15625 LED/M ²	7500 LED/M ²	12500 LED/M ²	5671 LED/M ²	9452 LED/M ²	8000 LED/M ²	6375 LED/M ²	4325 LED/M ²	6920 LED/M ²
Brightness	11000+ NITs	11000+ NITs	7000+ NITs	10000+ NITs	6500+ NITs	9500+ NITs	9000+ NITs	8500+ NITs	6500+ NITs	9000+ NITs
Module Matrix	16x16 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)	8x8 (H)x(W)
Watt per Pixel	0.22 (W)	0.469 (W)	0.508 (W)	0.677 (W)	0.508 (W)	0.677 (W)	0.677 (W)	0.677 (W)	0.677 (W)	1.128 (W)



AFFILIATED RESOURCES, INC.
The Moving Message Sign Company