



Hybrid Monochrome EMC Specifications

2007 V1.0

Color Options	Red / Amber
Dimming Level	100 levels
Viewability	140 degree
LED Lifetime	100k hours
Brightness/Contrast Enhancement:	Individual louvers for each individual LED diode
Pixel Technology	Hybrid Pixels
Refresh Rate	120Hz
Software	WinEDT / WinEDL
Graphic Capability	Text, basic animation, displaying foreign language
Power	110/220 VAC
Service Access	Front with optional rear access
Optional Cabinet	Sealed-cabinet heat exchange cooling system
Communication Options	RS-232, RS485, RF modem, telephone modem, Fiber Optic, Ethernet
Warranty	5 year parts / in-house labor



*3628 Hybrid Pixel Unit shown

Model Number	1728	2210	2848	3028	3428	3628	4540	6352	8952
Pitch	17mm	22mm	28mm	30mm	34mm	36mm	45mm	63mm	89mm
Pixel Diameter	28mm	10mm	48mm	28mm	28mm	28mm	40mm	52mm	52mm
Hybrid Pixel Type	Mega	Semi	Mega	Standard	Standard	Standard	Standard	Standard	Standard
LED per Pixel	1	2	4	4	4	6	8	16	25
LED Density	3460 LED/M ²	4132 LED/M ²	5100 LED/M ²	4444 LED/M ²	3460 LED/M ²	4630 LED/M ²	3950 LED/M ²	4031 LED/M ²	3156LED/M ²
Brightness	5100 + NITs	5800+ NITs	7100+ NITs	6300+ NITs	5200+ NITs	6500+ NITs	5600+ NITs	5000+ NITs	5000+ NITs
Module Matrix	8x8 (h)x(w)	8x16 (h)x(w)	8x8 (h)x(w)	8x8 (h)x(w)	8x8 (h)x(w)	8x8 (h)x(w)	8x8 (h)x(w)	2x8 (h)x(w)	2x8 (h)x(w)
Watt per Pixel	0.179 (W)	0.186 (W)	0.372 (W)	0.372 (W)	0.372 (W)	0.542 (W)	0.812 (W)	1.625 (W)	2.115 (W)
Min. Character Hgt	4.7"	6"	7.7"	8.3"	9.4"	10"	12.4"	17.4"	24.5"