

BILLBOARD

EA500F1

Outdoor Front Service Energy-saving LED Display

Feature:

1. Customized design, supports customized 90° screen
2. Energy-saving design, fast heat dissipation
3. Dual service for front and rear maintenance
4. IP66 dustproof and waterproof
5. Cable-free design, power and data cables are hidden at the bottom of the panel.



Customized Design

EA500F1 LED display support customized 90° screen.

EA500F1 SERIES



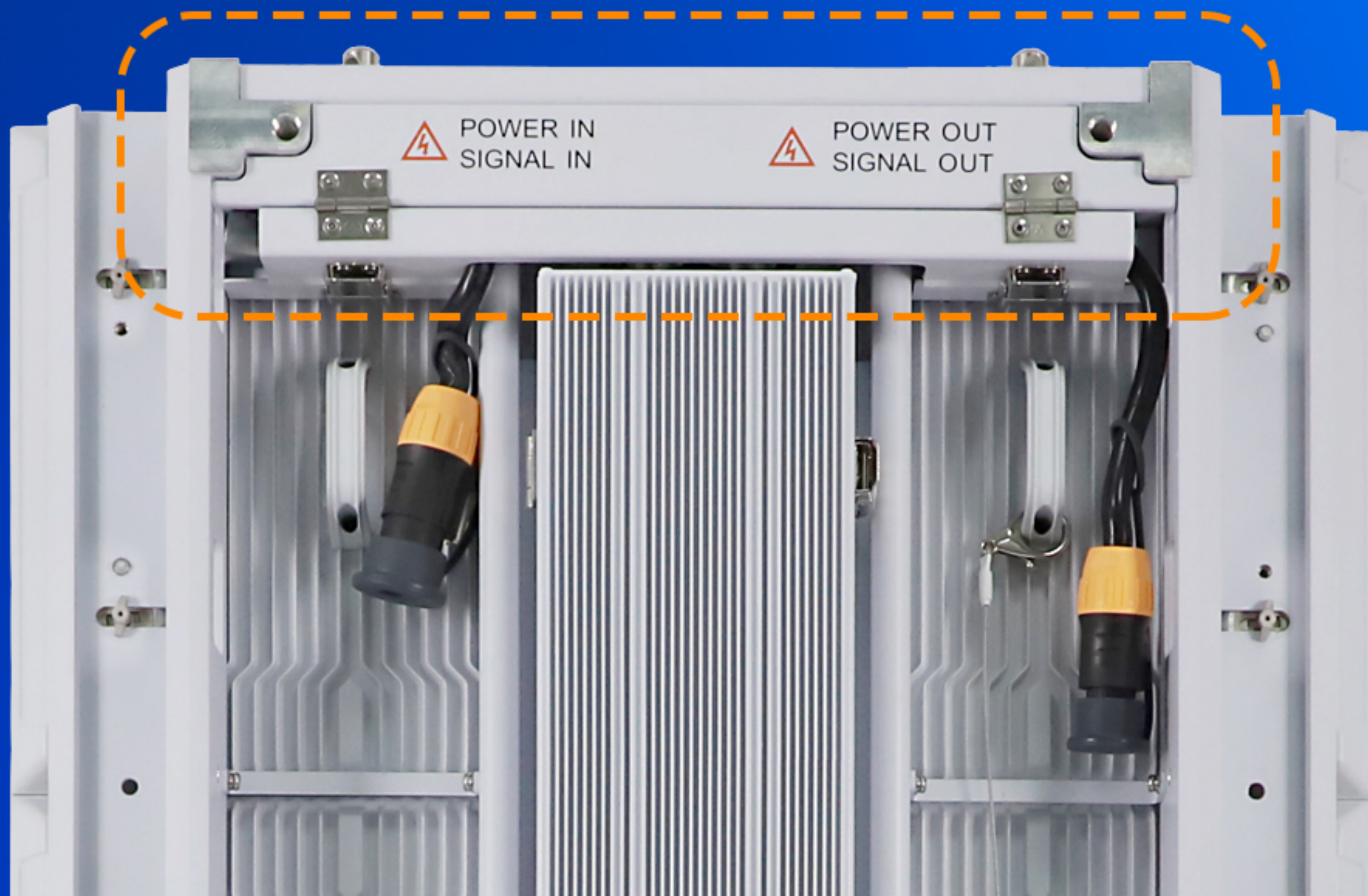
Front and Rear Maintenance

Dual service mode of front and rear design to save you Maintenance Cost.



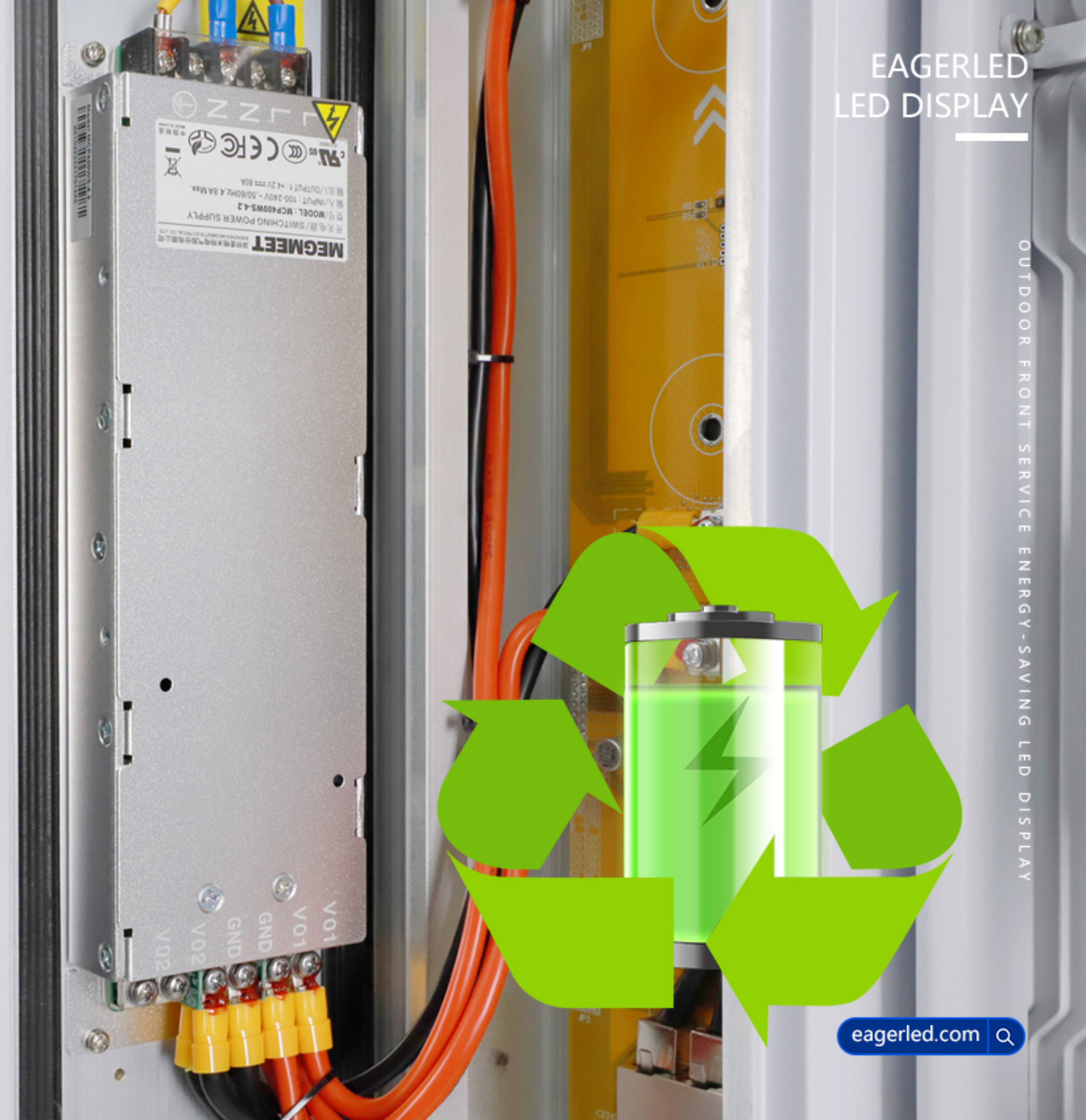
Cable-less Design

Cable-less design with Power and data cables are hidden at the top of the panel.



Energy Saving

Die-casting aluminum chassis,
recycle rate 90% for the whole
product.



Superb Display Effect

5000

CD/m² High Brightness

3840

Hz High Refresh Rate

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EA500F1 SERIES

IP66 Protection

IP66 dustproof and waterproof, suitable for outdoor applications.



Installation Method

OUTDOOR FRONT SERVICE ENERGY-SAVING LED DISPLAY



Billboard installation



Stack installation

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Multiple Applications

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Packing Method

(Refer to the packaging method)

Cabinet size(mm)	500*1000(L*H)
Packing Quantity	6pcs/carton
Package Size(mm)	1070*754*727(L*H*D)



Eagerled EA500F1 Outdoor Front Service Energy-saving LED Display Parameter

	Mode	EA500F1-P2.97	EA500F1-P3.91	EA500F1-P4.81
Module Parameter	Pixel Pitch	2.97mm (outdoor)	3.91mm (outdoor)	4.81mm (outdoor)
	Pixel Configuration	SMD1415	SMD1921	SMD1921
	Driving Mode	1/21 duty	1/8 duty	1/6 duty
	Module Resolution(Pixel)	84(L) *84(H)	128(L) *64(H)	104(L) *52(H)
	Module Size(mm)	250*250mm	500*250mm	500*250mm
	Density	112,896pixels/m ²	65,536pixels/m ²	43,264pixels/m ²
	Module Mask	Pure black mask---high contrast screen	Pure black mask---high contrast screen	Pure black mask---high contrast screen
	Module Quantity in a Cabinet	2(L) *4(H)	1(L) *4(H)	1(L) *4(H)
Cabinet Parameter	Cabinet Dimension	500 (L) *1000 (H) * 103(D)mm	500 (L) *1000 (H) * 103(D)mm	500 (L) *1000 (H) * 103(D)mm
	Cabinet Resolution	168(L) * 336(H)	128(L) * 256(H)	104(L) * 208(H)
	Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
	Cabinet Weight	17KG	17KG	17KG
	Protection Grade	IP66	IP66	IP66
Electricity Parameter	Brightness	4000 cd/m ²	5000 cd/m ²	4500 cd/m ²
	Viewing Angle	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)
	Best Viewing Distance	≥3m	≥4m	≥5m
	Max. Power Consumption	700W/m ²	650W/m ²	650W/m ²
	Avg. Power Consumption	210W/m ²	195W/m ²	195W/m ²
	Screen Refresh Frequency	3840Hz	3840Hz	3840Hz
	Frame Frequency	≥60Hz	≥60Hz	≥60Hz
	Gray Grade	14 bits	14 bits	14 bits
	Display Color	4.4 trillion colors	4.4 trillion colors	4.4 trillion colors
	Brightness Adjustment	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor
	Operation Power	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable
	Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
	Control Distance	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)
	Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200
	Color Temperature	5000—9300 adjustable	5000—9300 adjustable	5000—9300 adjustable
	Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet
	Working Temperature	-30 ~ +60 °C	-30 ~ +60 °C	-30 ~ +60 °C
	Storage Temperature	-30 ~ +70 °C	-30 ~ +70 °C	-30 ~ +70 °C
	Working Humidity	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH
	Lifetime	100,000 hours	100,000 hours	100,000 hours
MTBF	>10,000 hours	>10,000 hours	>10,000 hours	
Continuous Operating Time	≥72 hours	≥72 hours	≥72 hours	
Out-of-Control Pixel Rate	≤0.01%	≤0.01%	≤0.01%	

EagerLED Leading LED Display Manufacturer



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