SoSTRON

ARES 3 Series

New DOOH Solution,Save 50%Running Cost



Innovative Mechanical design

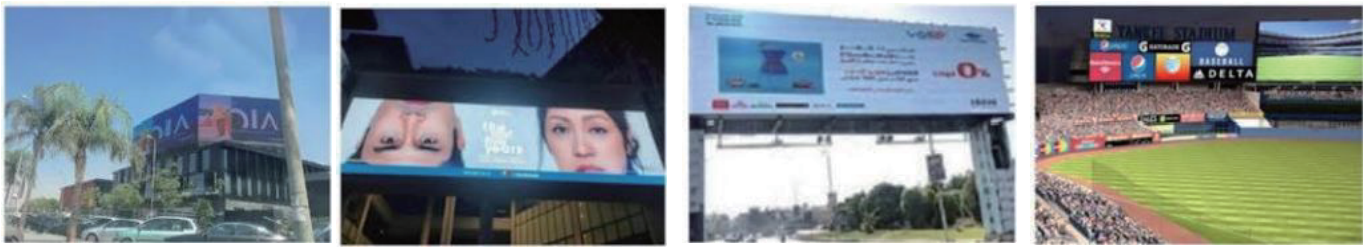
Self-developed Installation structure

Stable and Reliable Performance

Safety IP67

Cost-effective

Various applications



Billboard /Landmark /Street display /Digital signage /Traffic billboard /Arena display

Design and Maintenance

Saving operation cost (shipping cost,labor cost,steel structure cost)

- **Multi-Panel size: 1000 × 1000mm / 1000 x 750mm / 1000 x 500mm**
  1500 x 1000mm / 1500 x 750mm / 1500 x 500mm
  Match different projects, disover endless opportunities of your conceptes.



- **Thin,Lightweight and Modular technology**
  Only 20kg/SQM, one universal size can match all pixel pitchs.



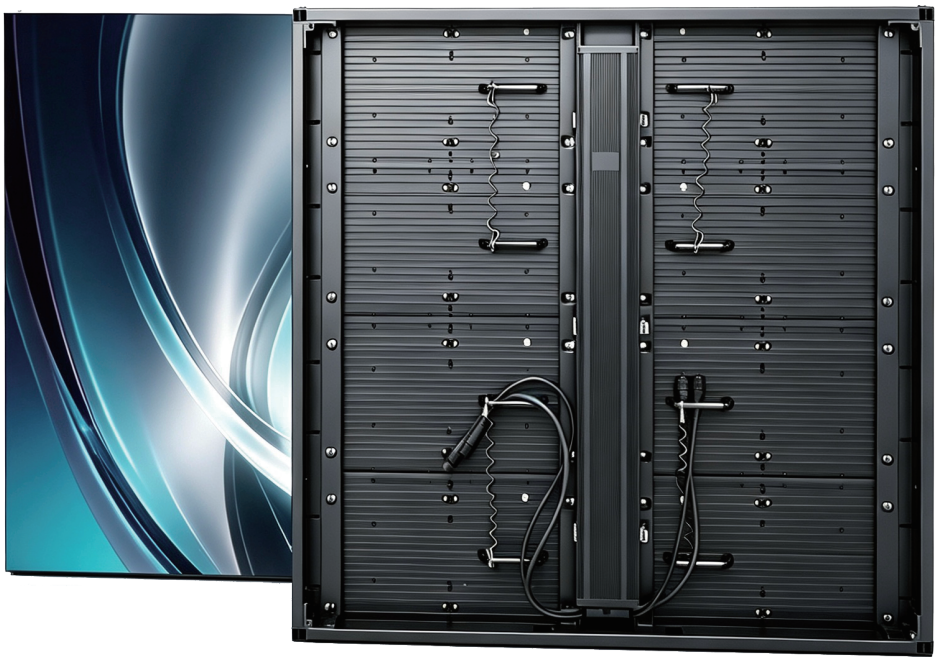
- **IP67 and Fast Maintenance**

  Dual-sided potting compound for high ingress protection.
  This design not only enhance waterproof performance but also enables easy disassembly, allowing for quick maintenance of every electonic component.



- **Better Heat-dissipation Performance**

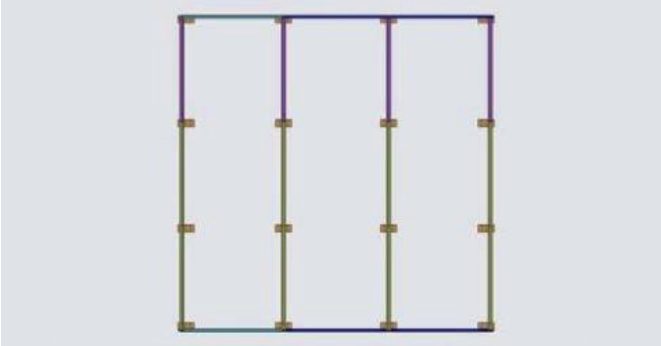
  All-aluminum structure and back casing.



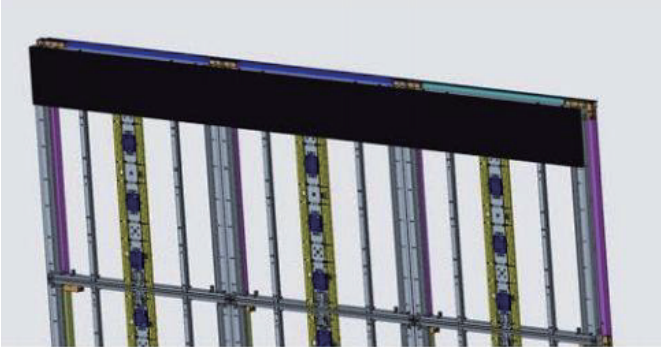
Designand Maintenance | Self-developed Installation Structure

- In the LED display industry,the self-developed installation structure for outdoor cabinets ensures highly precise positioning during installation,while also allowing for quick and convenient setup of the entire large screen.

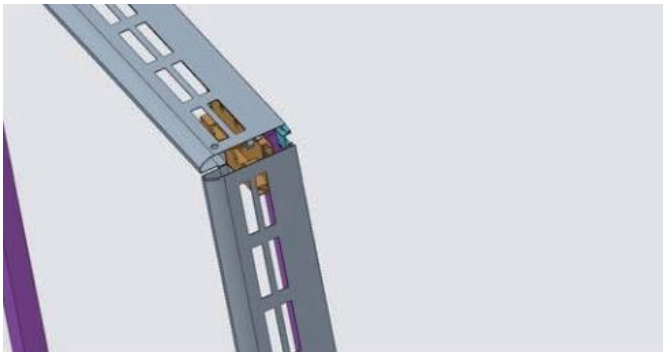
I.Fix the installation structure on the wall.



II.Hanging the panels to the structure directly,lining them up perfectly in place.



III.More Option-Final edge covering.





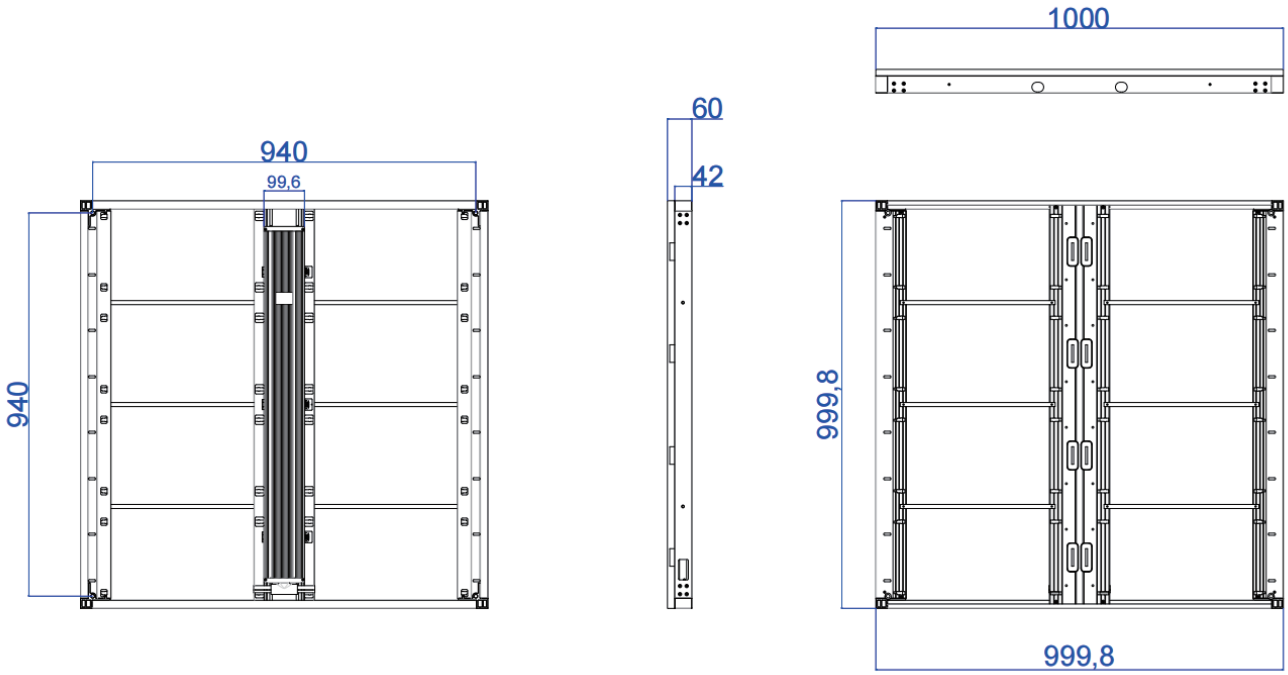
Technical Specifications - ARES3

- **High Brightness and Energy Saver**

  Common cathode technology can save power sonsumption by 40%,
  Reducing the scan mode brings a qualitative improvement in image quality.



Technical Specifications - ARES3



ITEM	PITCH	P2.9mm	P3.9mm	P4.8mm	P6.2mm	P7.8mm	P10.4mm
Key Function	Technology	Light, Self-developed Installation Frame, High Brightness, Common Cathode, Energy saver					
Mechanical	LED Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
	Pixel Density(dot/m2)	113,367	65,410	43,222	25,600	16,394	9,226
	Module Size (W x H) (mm)	500mm x 250mm					
	Moduel Resolution (W x H) (pixels)	168 x 84	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24
	Panel Size (W x H x D) (mm)	1000mm x 1000mm x 60mm (1000 x 750mm / 1000 x 500mm) 1500mm x 1000mm x 60mm (1500 x 750mm / 1500 x 500mm)					
	Panel Resolution (W x H) (pixels)	336 x 336	256 x 256	208 x 208	160 x 160	128 x 128	96 x 96
	Panel Material	Aluminum (both structure and back casing)					
	Panel Weight	20KGS / SQM					
	Service	F + R					
	IP Rating	IP67					
Optical	Brightness - White leds (nits)	5000	6500 ~7500		6500 ~ 8000		
	Brightness - White leds (nits) - SE	4500	5500 ~ 6000		6000 ~ 7500		
	Brightness - Black leds (nits)	3000	3000-4000		/	/	/
	Driving Type	1/14	1/8	1/9	1/5	1/4	1/2
	Refresh Rate	3840Hz ~7680Hz					
	Color Temperature	9000K ± 500K					
	Power Consumption (Avg./Max.)	230 W / 650W					
	Grey Level	14bit					
	View Angel (H/V) (°)	160/140					
	Input(V)	110-220V, 50-60Hz					
	Operating Temp/Humidity	-20 ~ 50 °C/ 10% ~ 90%					
	Certification	ETL/FCC/CE/CCC					

Remarks:The parameters are only for reference.The actual parameters may difer depending on the specific order.

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