

Specification

Model	Hero 6.8	Hero 8.3	Hero 10
Pixel Pitch (mm)	6.8	8.3	10
Pixel Density (pixel/m²)	21512	14400	10000
LED Type	SMD		
Module Size W×H (mm)	300*300		
Module Resolution W×H	44*44	36*36	30*30
Panel Size W×H×D (mm)	1200*1200*92 / 1200*900*92		
Panel Resolution W×H	176*176 / 176*132	144*144 / 144*108	120*120 / 120*90
Panel Material	Aluminum		
Weight (Kg/m²)	27		
Voltage (AC)	100-240V		
Brightness (nits)	7000	10000	10000
Brightness Adjustment	Programmable / Automatic / Manual		
Viewing Angle (H/V)	160° / 100°		
Gray Scale (bit)	14		
Refresh Rate (Hz)	3840		
Frame Rate (Hz)	50 / 60		
Contrast Ratio	7000:1		
Color Temperature (K)	2000-10000 (Adjustable)		
Average Power Consumption (W/m²)	180	208	208
Maximum Power Consumption (W/m²)	720	830	830
Serviceability	Front / Rear		
IP Rating	IP66		
Lifespan (Hours)	100000		

*Above parameters are for reference only. For more details, please contact our sales team.

Application Reference



Building Facade



Shopping Mall



Digital Billboard



HERO SERIES



Energy Saving



High Brightness



High Contrast Ratio



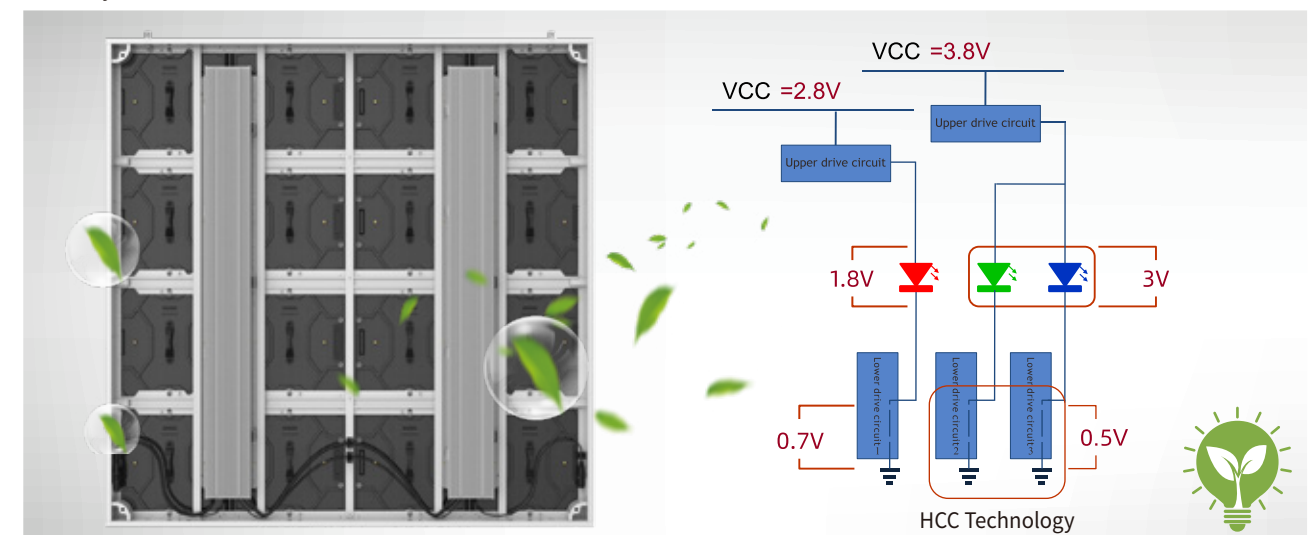
Ultra-Thin & Light



High Protection

High Energy Efficiency

With dual-channel input, High-powered Common Cathode (HCC) Technology cuts power use by 15% and boosts efficiency.



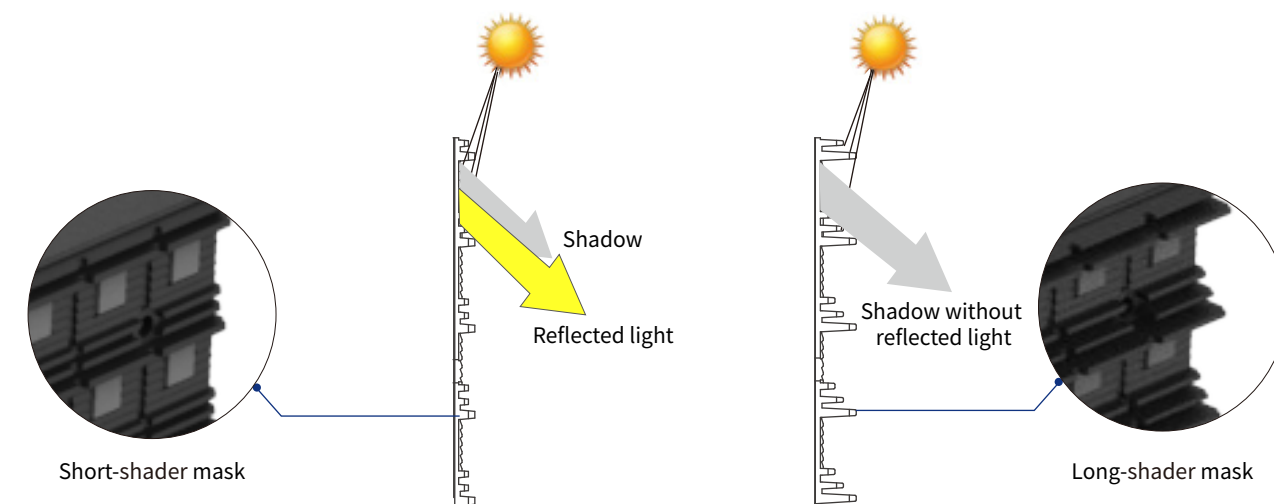
Unrivalled Brightness

Up to 10,000 nits brightness delivers sharp, natural images even in direct sunlight or challenging outdoor light.



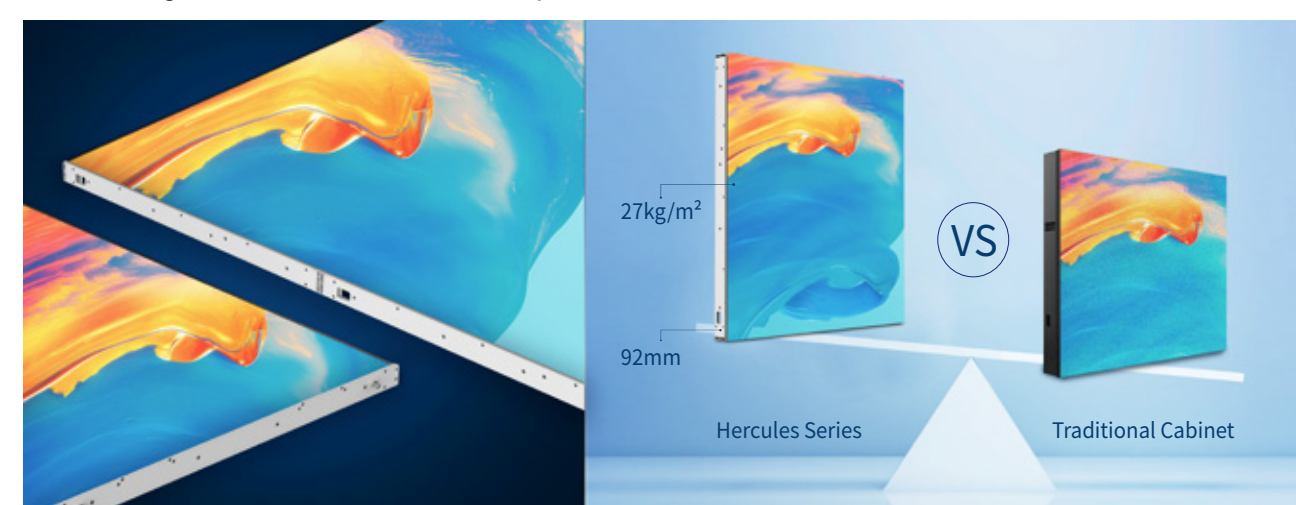
Ultimate Visuals

Patented long-shader mask technology gives the Hercules Series exceptional contrast and refresh rates, delivering smooth broadcasts with richer colors and shading.



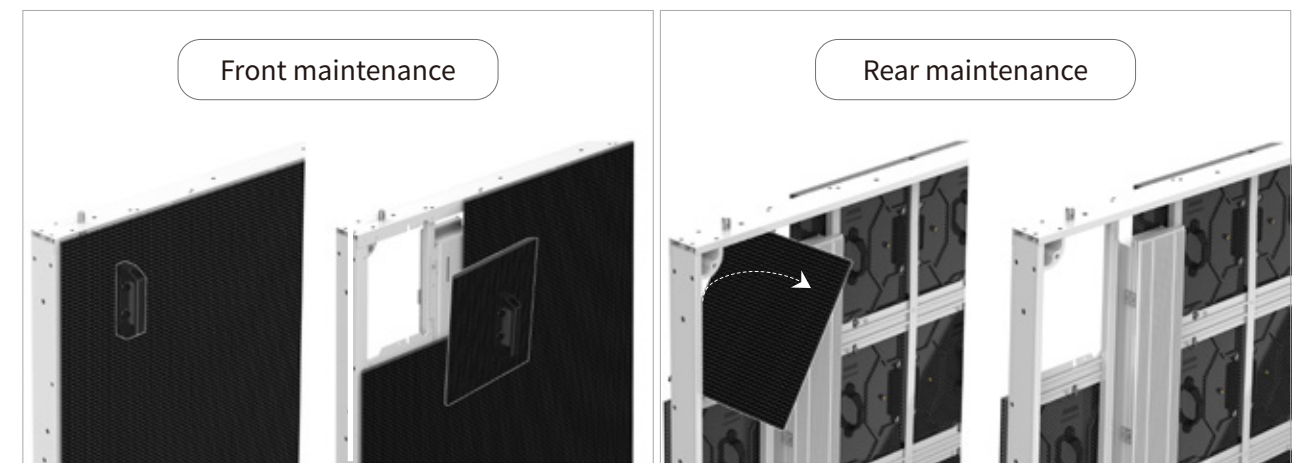
Ultra Thin & Light

Compared to bulky traditional billboards, the Hercules Series' lightweight design ensures structural safety, lowers building load, and cuts labor and transport costs.



Easy Maintenance

All components are serviceable from both the front and rear.



Fit Your Space Just Right

Multiple sizes, mixed cabinet assembly, and direct wall-mounting options meet diverse spatial needs.

