

Specification

Model	Hercules6.8	Hercules8.3	Hercules10
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. All rights reserved to LianTronics.

Application Reference



Building Facade



Shopping Mall



Digital Billboard

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Website

Hercules Series
Outdoor LED Digital Billboard



Energy Saving



High Brightness



High Contrast Ratio



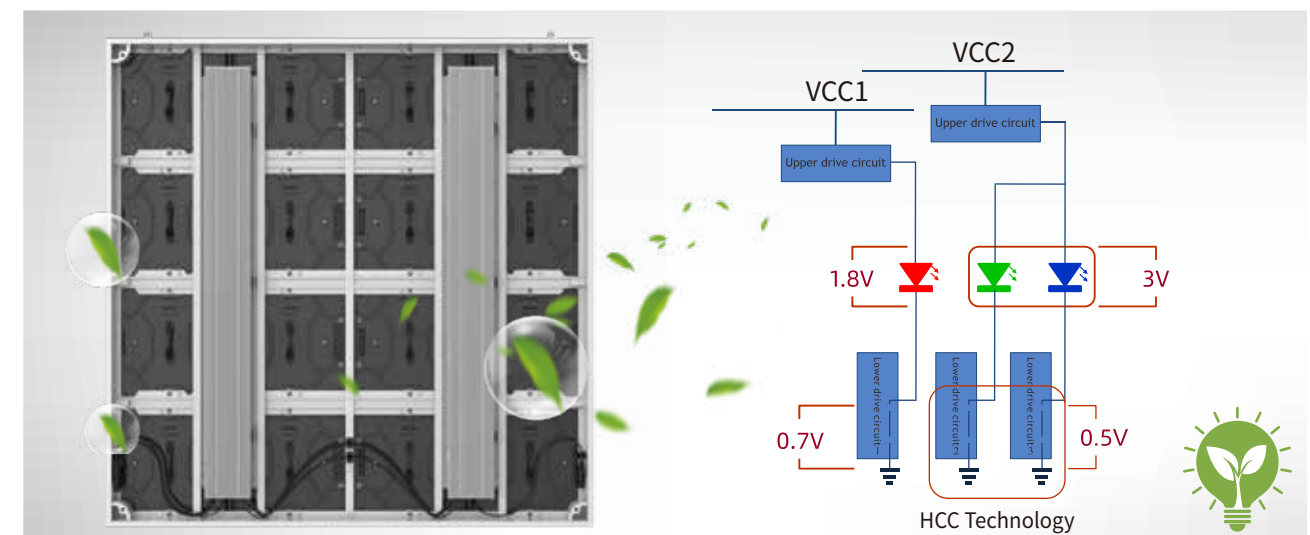
Ultra-Thin & Light



High Protection

High Energy Efficiency

With dual-channel voltage input, High-powered Common Cathode (HCC) Technology reduces power consumption by 15% and improves power saving capability.



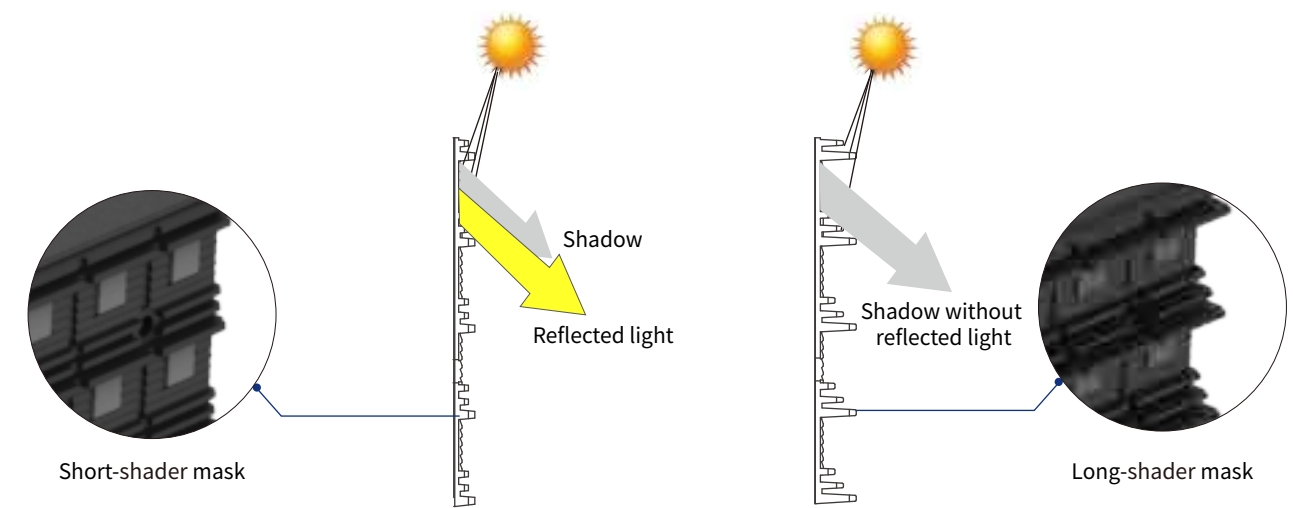
Unrivaed Brightness

Up to 10000nits high brightness ensures sharp and natural-looking images even under direct sunlight or complex outdoor ambient light.



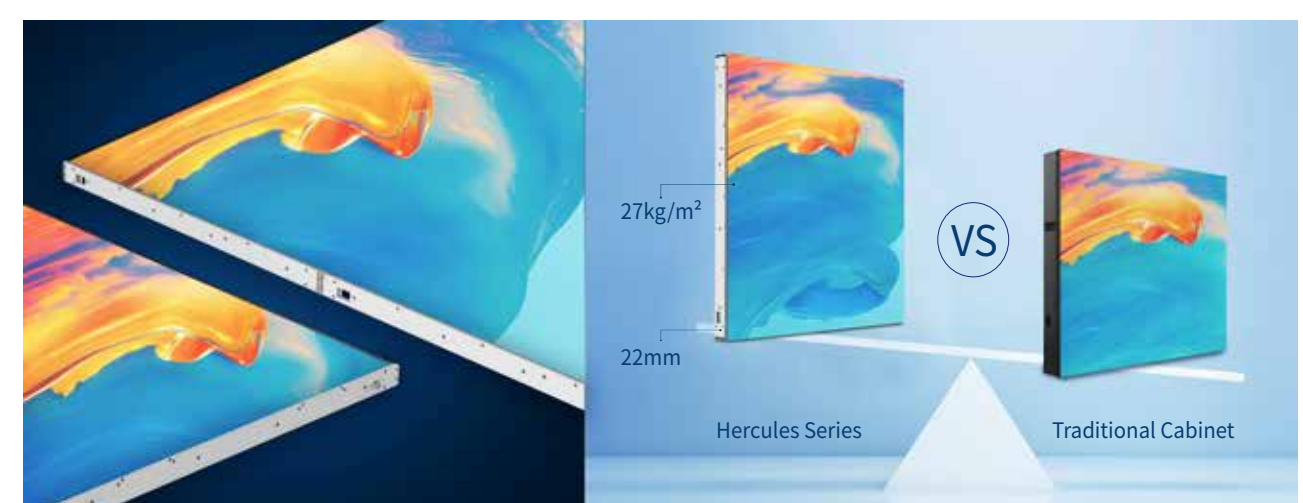
Ultimate Visuals

Patented long-shader mask design and the underlying technologies grant Hercules Series unparalleled high contrast ratio and high refresh rate, delivering smooth broadcasting with more color subtlety, shading, and saturated colors.



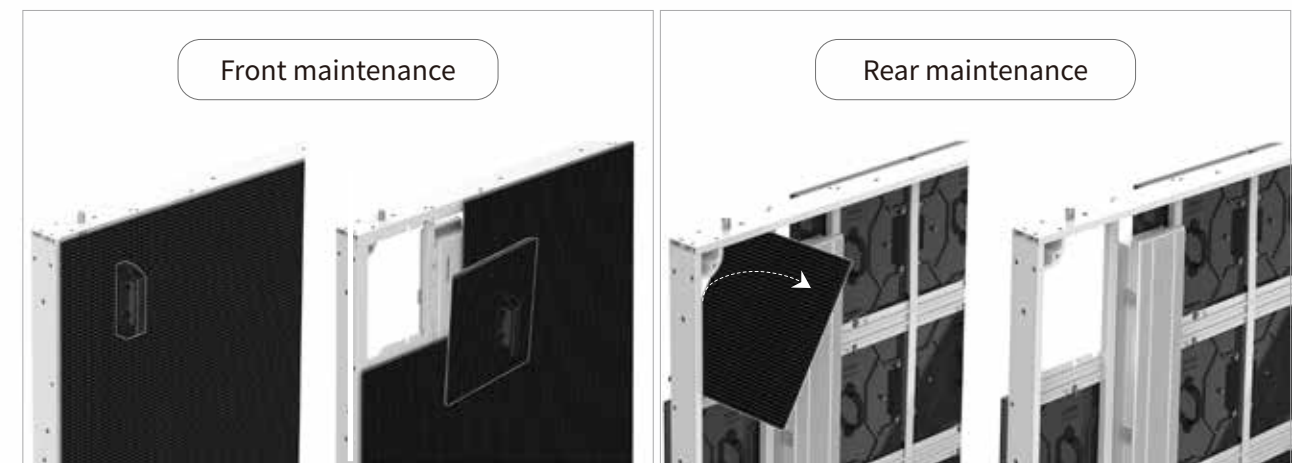
Ultra Thin & Light

Compared with conventional cumbersome outdoor billboard cabinet, Hercules Series lightweight body guarantees structure safety with less building load while reducing labor and transportation costs.



Easy Maintenance

All the components can be maintained from both front and rear.



Fit Your Space Just Right

Multiple size options, cabinet mixed assembly and direct wall-mounting installation are all available to meet your various specific spatial needs.

