

Good, and Affordable.

GENESIS II - BASIC

As a milestone product for outdoor fixed installations, Genesis II is welcomed in the US market. This time, we make a basic version so the global customers can get good outdoor led displays with more affordable cost.



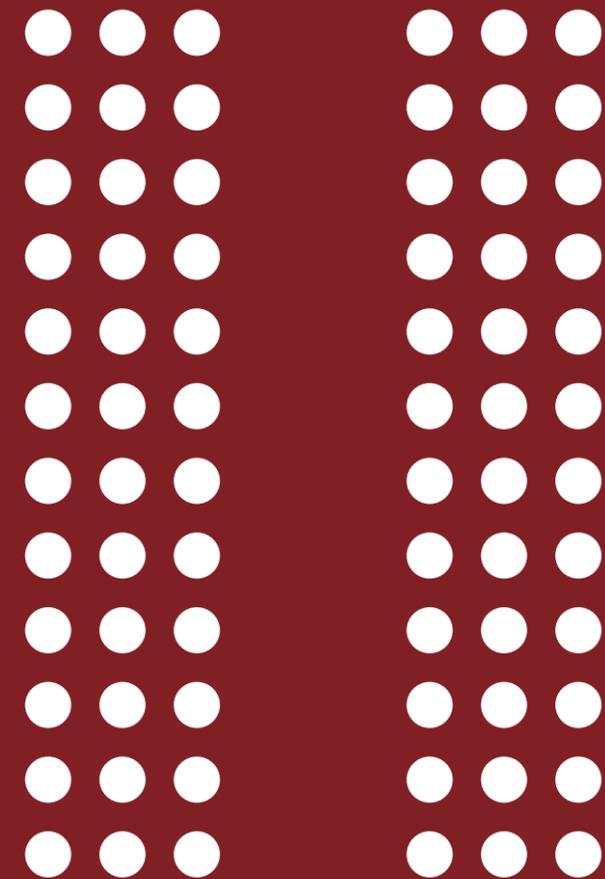
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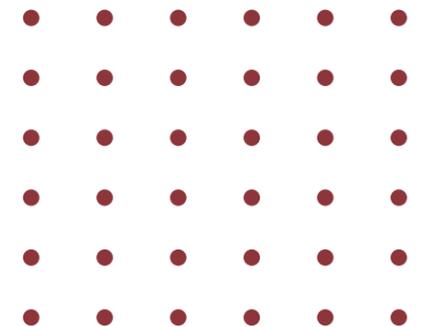


Good, and Affordable.

"What can we offer, to maintain a true 3-Year Warranty under harsh climates in this world, at the most affordable cost?"

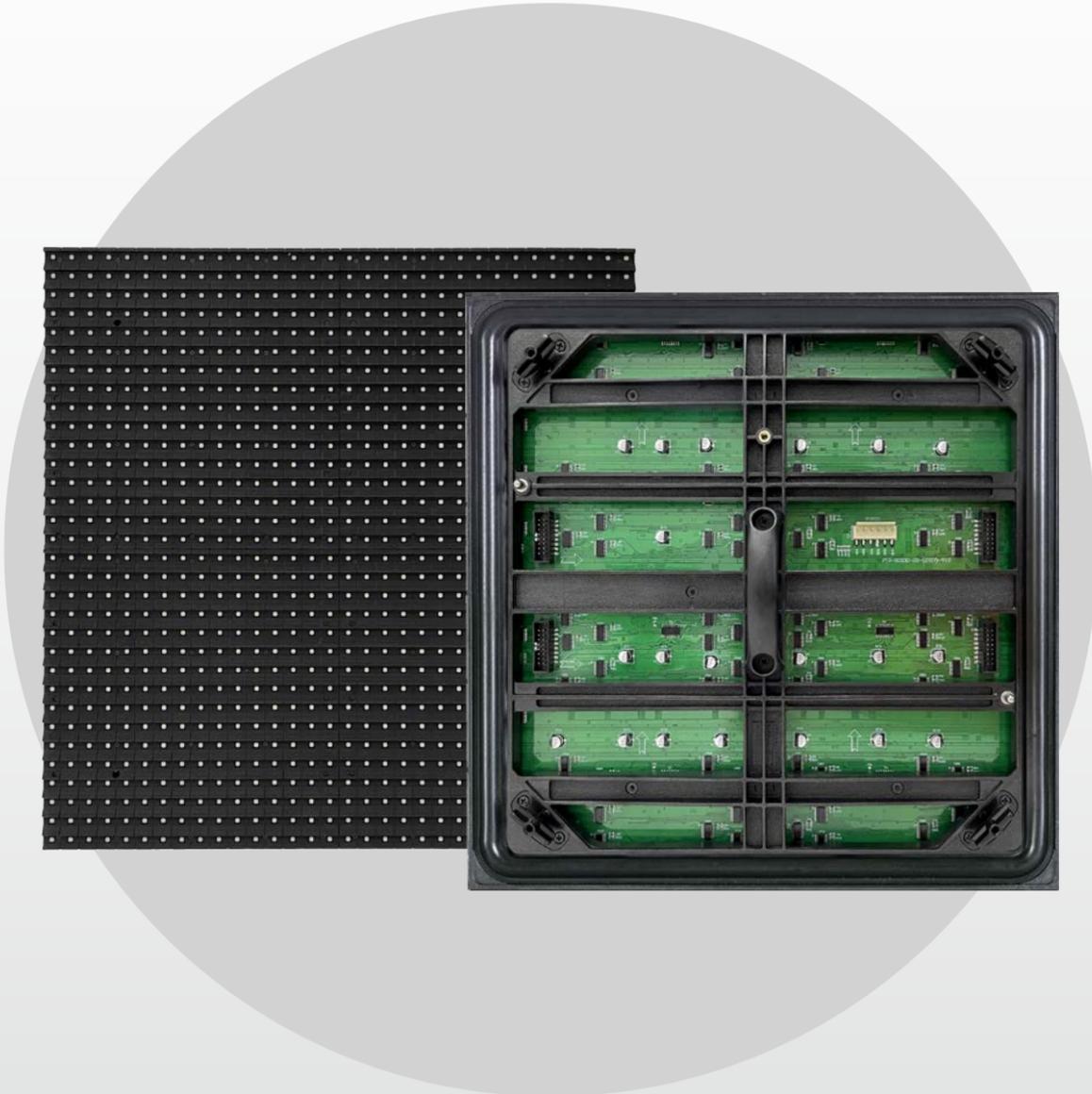
Genesis II - Basic Series

Comes to answer this question

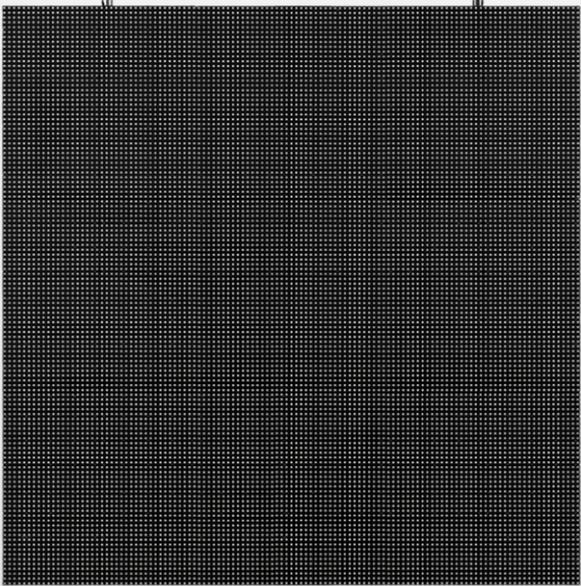
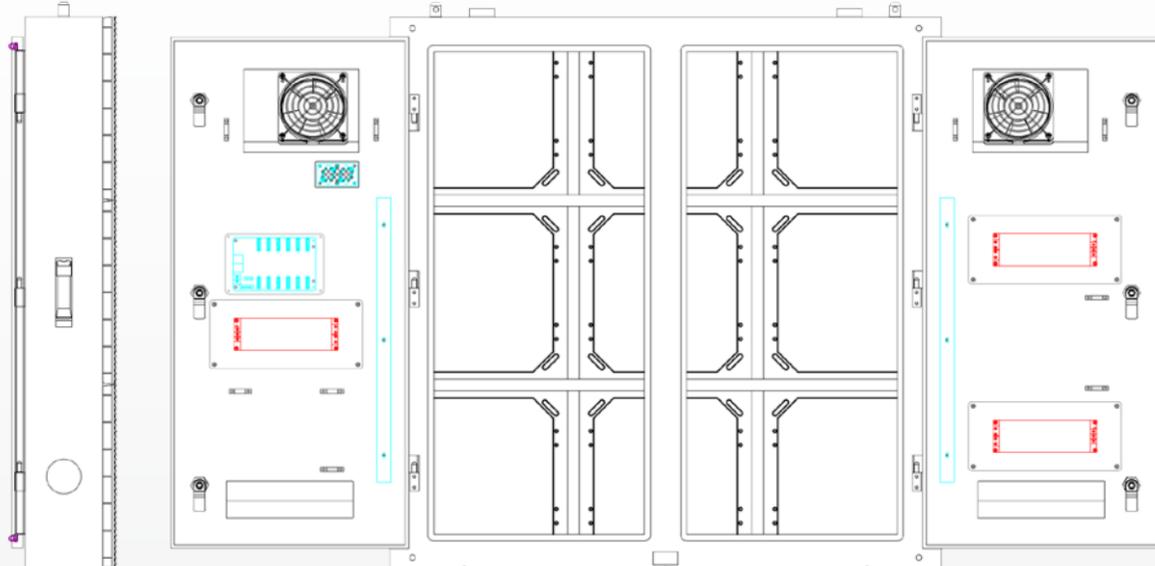


Reliable Components & Materials

Nationstar® LED, Chipone® Driving IC, Chuanglian® PSU... The basic Genesis II is also made of good quality components and materials.



Rugged and Classic Cabinet Design



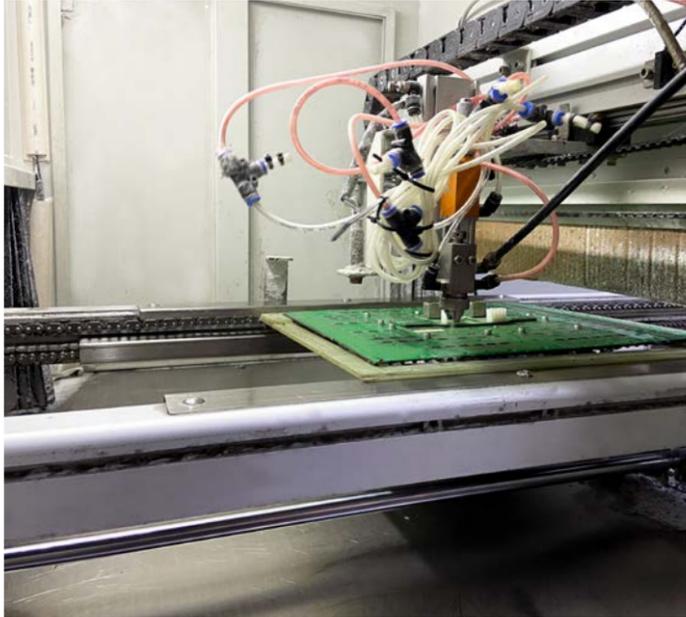
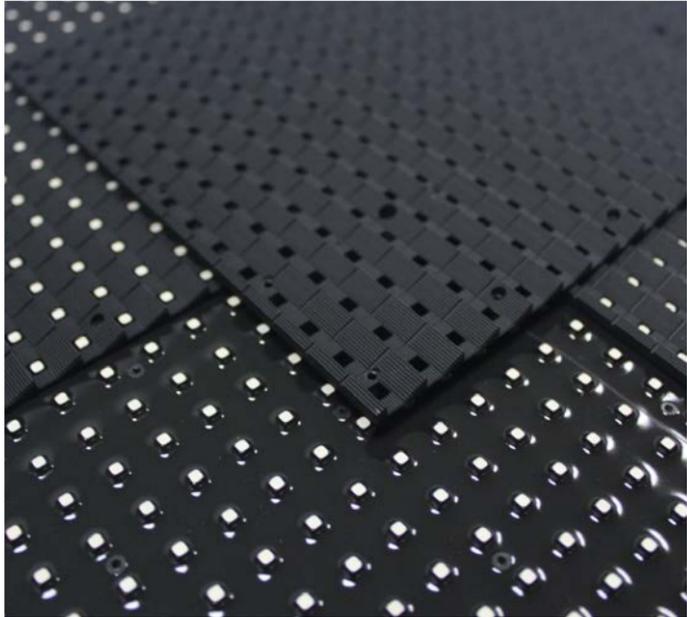
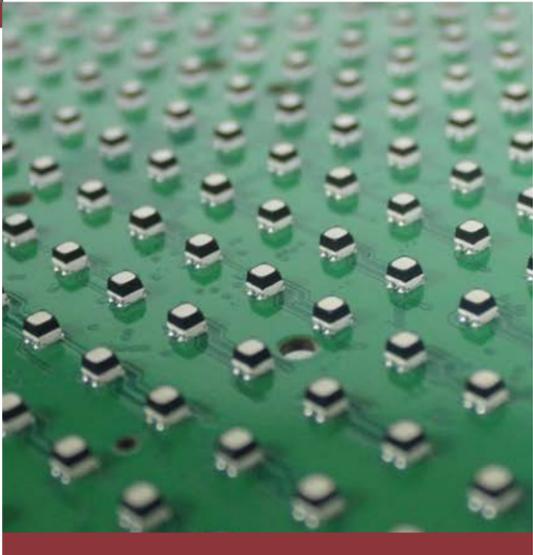
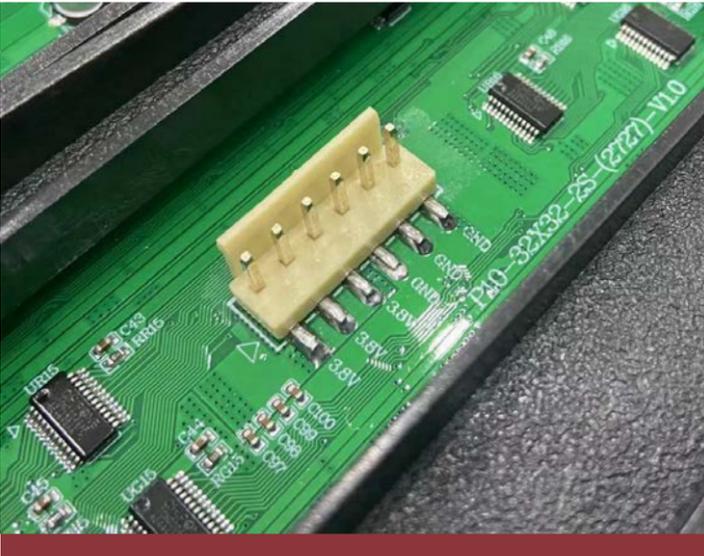
Front View



Back View

Robust Connectivity

With strong & anti-fatigue soldering, and gold plated connectors, Genesis II - Basic is solid at component, PCBA, semi-finished and finished product levels.



High Ingress Protection

With Silicone Gel sealed on front side, and conformal coating applied on back side, the module components and solder joints are protected from oxidation. The cabinet is IP65 rated.





Thermostatic Control Cooling Fans

The cooling fans run only when the internal temperature reaches 40°C+, which provides effective cooling in hot weather while expel damp out in cool and wet weather.



Front & Rear Easy Service

By turning 4 fasteners at module corners, it takes 12 seconds to remove one module. And the service could be done from both front and back side.

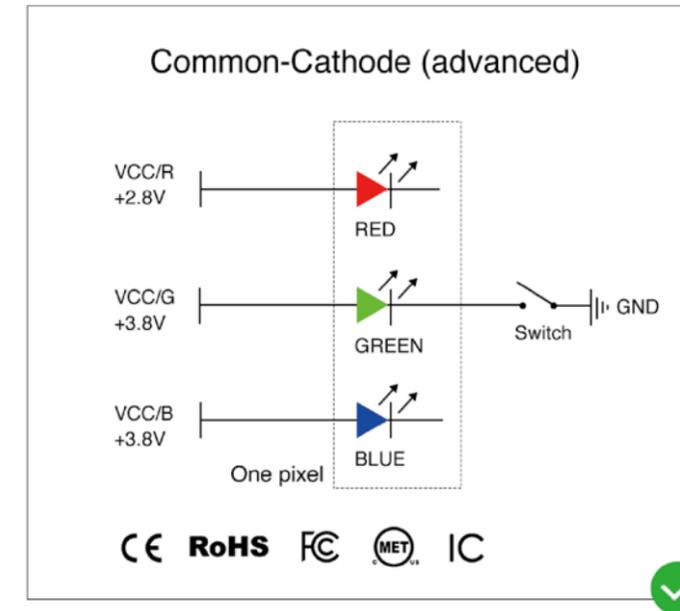


convenience

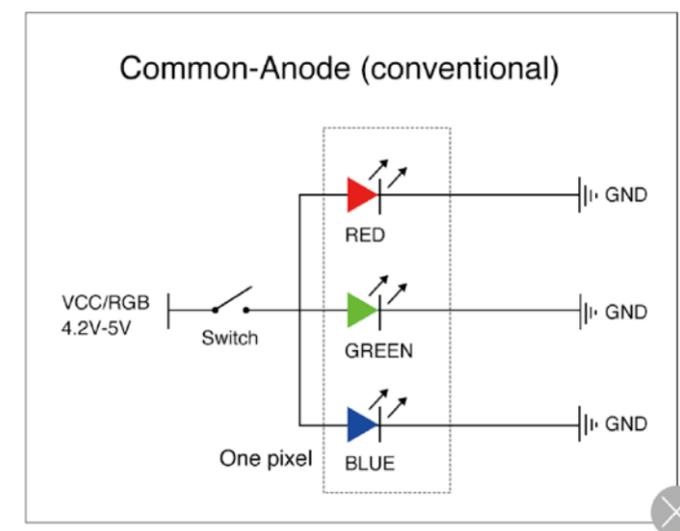


Common Cathode Technology

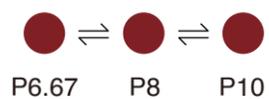
Genesis II - Basic Series remains Common Cathode 3.8V driving IC & PSU to reduce the power consumption while improving the stability as we believe quality always comes first.



VS.



Easy Retrofit & Upgrade



The cabinets & components are interchangeable between different specs of Genesis II - Basic Series, which reduces the learning curve for retrofit & upgrade from a low density screen to a high density screen.



Specification

Pixel Pitch (Resolution)	6.67 mm	8 mm	10 mm	10 mm	13.3 mm	16 mm
LED Package Type	SMD	SMD	SMD	DIP	DIP	DIP
Pixels Per Sq. Meter (Density)	22,478	15,625	10,000	10,000	5,625	3,906
Module Dimensions	320mm x 320mm	320mmx320mm	320mmx320mm	320mm x 320mm	320mmx320mm	320mmx320mm
Module Matrix	48x48	40x40	32x32	32x32	24x24	20x20
Module Weight	1.2 KG	1.2 KG	1.2 KG	2.6 KG	2.6 KG	2.6 KG
Driving Method	1/6 constant current	1/4 constant current	1/2 constant current	Static	Static	Static
Refresh Rate	≥1,920 Hz					
Video Frame Rate	60 frames/second					
Grayscale	65,536 (281 trillion colors)					
Color Depth	16 bit					
Contrast Ratio	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1	3,000 : 1
Brightness	≥6,500 NITS	≥6,500 NITS	≥7,000 NITS	≥80,000 NITS	≥80,000 NITS	≥80,000 NITS
Brightness Control	256 levels					
Ideal Viewing Range	5.5m or greater	6.7m or greater	8.5m or greater	8.5m or greater	12.8m or greater	15.8m or greater
Ideal Viewing Angle	160°(H) / 120°(V)	160°(H) / 120°(V)	160°(H) / 120°(V)	120°(H) / 60°(V)	120°(H) / 60°(V)	120°(H) / 60°(V)
Max. Power Consumption	650 - 700W/m ²	650 - 700W/m ²	650 - 700W/m ²	380W/m ²	380W/m ²	380W/m ²
Avg. Power consumption	250W/m ²	250W/m ²	250W/m ²	120W/m ²	120W/m ²	120W/m ²
Input Voltage	110 / 220 VAC					
Ingress Protection	IP67 front / IP55 rear					
Operating Temperature	-40 °C - +60 °C					
MTBF	>5,000 hours					
LED Life - Span	100,000 hours					
Cabinet Size	Custom	Custom	Custom	Custom	Custom	Custom
Cabinet Material	Aluminum / Steel					
Cabinet Weight	38 / 50 KG/m ²	38 / 50 KG/m ²	38 / 50 KG/m ²	45 / 58 KG/m ²	45 / 58 KG/m ²	45 / 58 KG/m ²

► Precise Low Knee Voltage Tech Adopted