

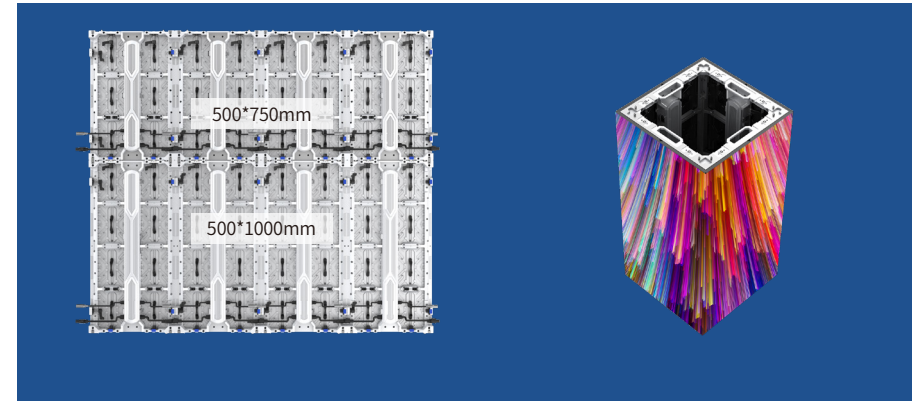
Ultimate Protection

- L-Armor Tech: Enhanced surface protection with UV resistance, anti-collision, and waterproof performance
- IP69K Rating: 360° dust and water protection, resistant to high-pressure, high-temperature water jets and steam



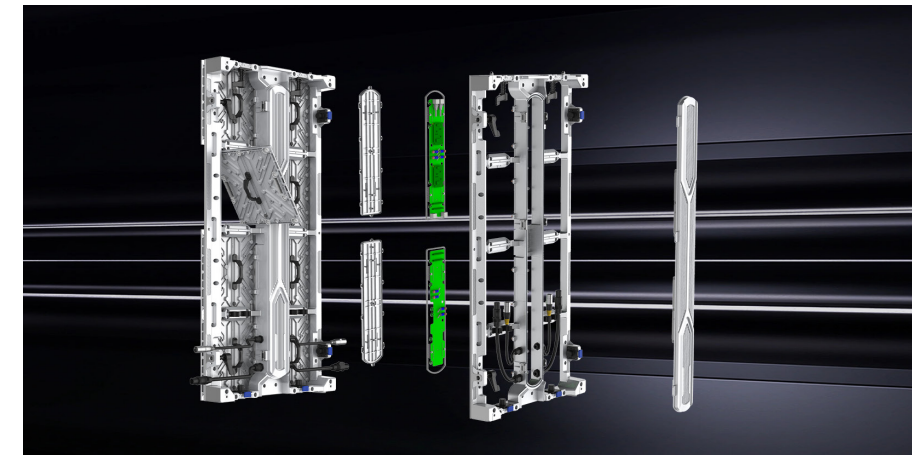
Creative Splicing

- Mixed splicing between different-sized panels
- 45° bevel-cut modules & panels for L-shaped seamless splicing



Easy Installation & Maintenance

- Flexible Installation: Stacking, wall-mounting, hanging
- Full Maintenance: Front & rear accessible for modules, power supplies & cards
- Universal Modules: Cut costs & simplify on-site maintenance



Specification

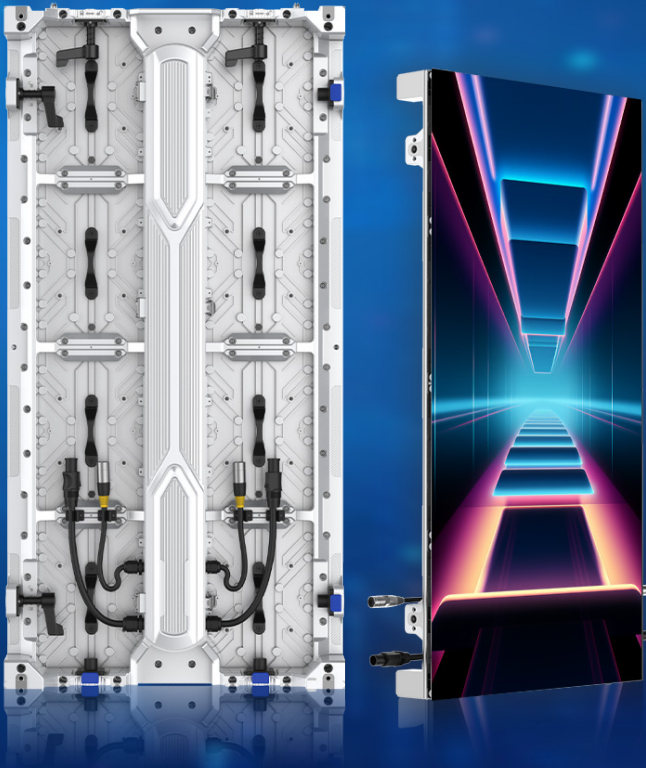
Model	MPA Pro II 1.9
Pixel Pitch (mm)	1.953
Physical Density (Pixel/m²)	262144
LED Type	MIP
Panel Size W*H*D (mm)	500x1000x88 500x750 x88
Panel Resolution W*H (Pixel)	256x512; 256x384
Panel Material	Die-cast aluminum
Weight(kg/pcs)	500*1000mm: 17.5kg 500*750mm: 15kg
Voltage (V)	AC 100-240
Brightness (nits)	4000
Viewing Angle (H/V)	160(V)/160(H)
Gray Scale (bit)	14~16
Refresh Rate (Hz)	3840/7680
Frame Rate (Hz)	50/60
Maintenance	Front/Rear
Color Temperature (K)	2000-10000
Average Power Consumption (W/m²)	162.5
Maximum Power Consumption (W/m²)	650
IP Rating	Front:IP65,Rear:IP65; IP69K
LED Lifetime (Hours)	100000

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



MPA Pro II 1.9

Outdoor MIP Fine-Pitch LED Display



Website



Facebook

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Nanshan District, Shenzhen, China
Website: www.liantronics.com



MIP Technology



HD Clarity



EMC Class B



L-Armor Protection



Energy-Saving



Creative Splicing



MPA Pro II 1.9

Ultra Fine Pitch, Unmatched Visual Precision

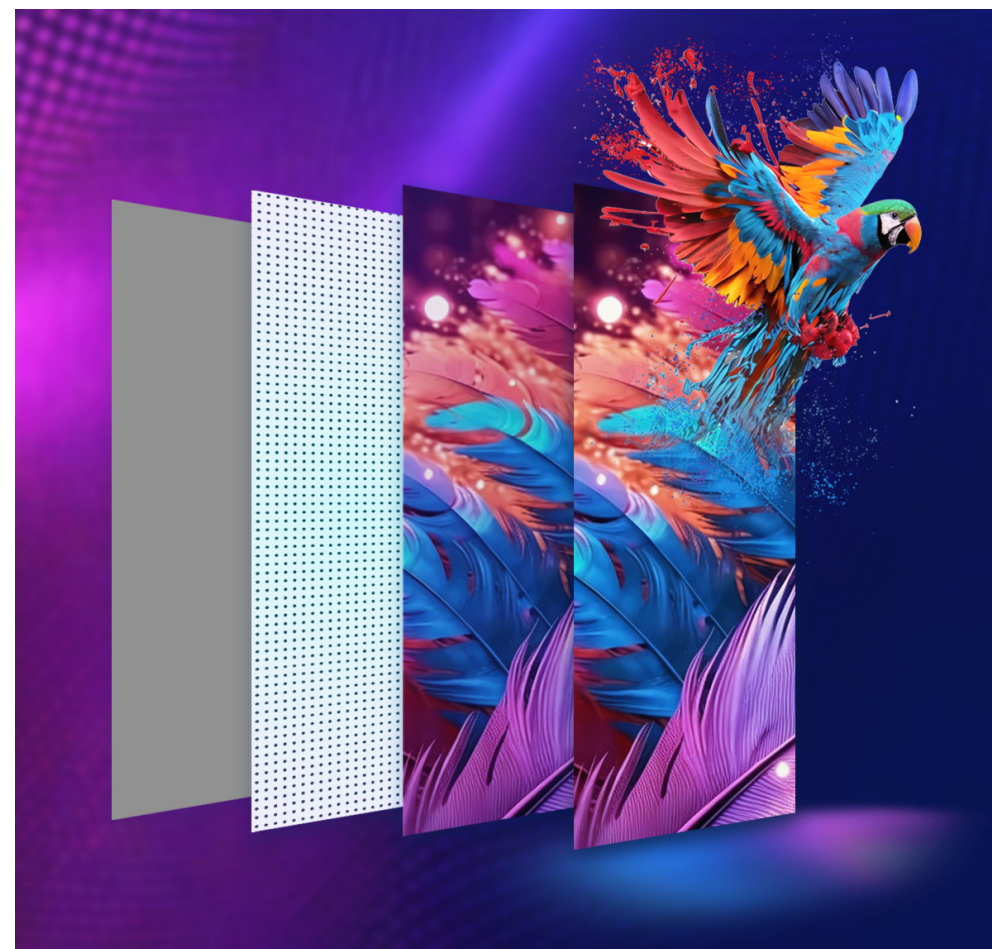
- With a pixel pitch of just 1.9mm, it achieves 2K resolution with only 8.4m²
- Designed for outdoor near-distance HD applications
- Ideal for street-level advertising, landmark projects and commercial displays



Next-Gen MIP-Display Technology

Advanced MIP technology with full flip-chip process for Ultimate Visual Performance

- **10000:1** high contrast ratio
- **4000nits** high brightness
- **>160°** super wide viewing angle



HCC Energy-saving & Heat Dissipation

- Reducing energy consumption by over 15% compared to conventional SMD LEDs
- Die-cast aluminum backplate offers extreme flatness and heat conductivity 8 times higher than standard modules



EMC Class B Design

Decades of outdoor product tech accumulation, excellent circuit design:

- Single cabinet complies with EMC Class B
- Low radiation, meets stricter EMC requirements

