



NOX Series

Outdoor Fine Pitch Fixed Product

NOX series is an semi outdoor fine pitch fixing product, pixel pitch is P1.2/P1.5/P1.8/P2.5, MIP package panel with high brightness and high contrast ratio, high protection with Waterproof, Dustproof, Salt Spray Resistant, Bump Resistant. This product is mainly used for: commercial plazas, train station, bus station, store window display and so on.



MIP Package



Common Cathode



Flip Chip



High Brightness
4000nits



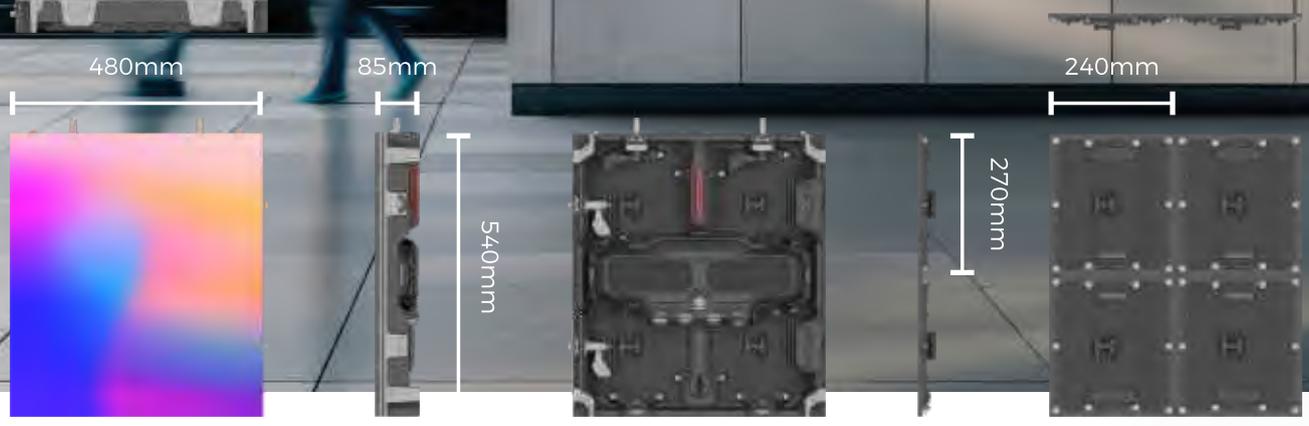
High Contrast Ratio
20,000:1



High Protection

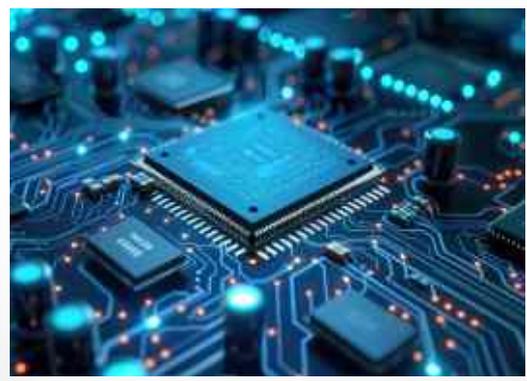


Product Display

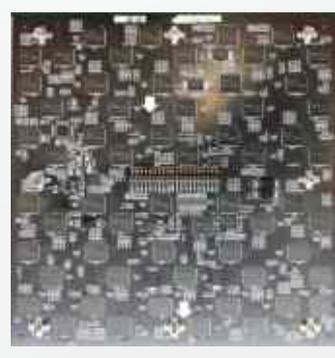


Configured with the Most Advanced Drive IC

- ▲ Common cathode PWM constant current driver IC, energy saving.
- ▲ Precise current control, Perfect solution to cross-board coupling and chromatic aberration.
- ▲ Fine low gray calibration with 3ns pulse width.
- ▲ High gray level 16bit, work with Nova system can be 22bit+ color processing depth.



LP Display

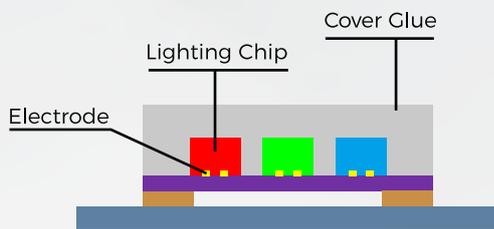


Other Company

- ▲ High Throughput chips, less chips less cost.
- ▲ Same size, fewer chips, less heat generation.
- ▲ Helps improve life and stability.

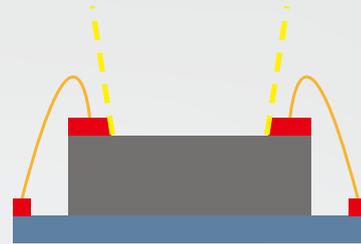
Full Flip Chip MIP Panel

- ▲ Flip chip mip technology, no welding pad block, high luminous efficiency.
- ▲ Larger welding pad size for stronger connections.
- ▲ Wider view angle.
- ▲ No welding wire, reduce the failure rate of the lamp bead.
- ▲ Light-emitting chip light-emitting chip direct contact with the pcb, which improves heat dissipation.
- ▲ Smaller chip size for higher contrast ratio.

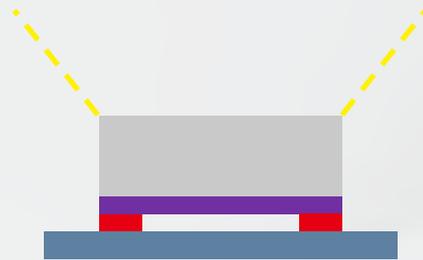


Wider View Angle

Flip chip COB can make more wider view angle 170/170°.



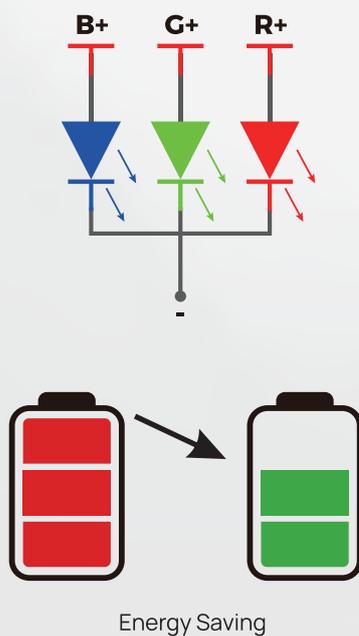
Formal Chip



Flip Chip

Common Cathode Design

Product use common cathode design to Reduces heat generation, lowers screen temperature, improves stability and longevity.



Ultra High Contrast Ratio

20,000:1 ultra high contrast ratio for outdoor make the image more bright.

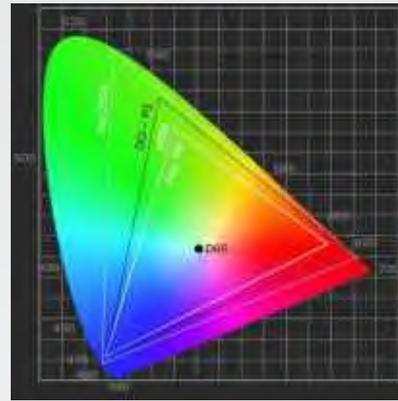


Ultra-high Refresh

7680hz ultra-high refresh design, no fear of various shooting scenes.



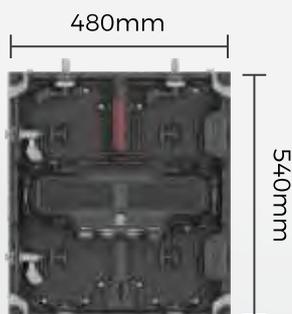
High Color Gamut



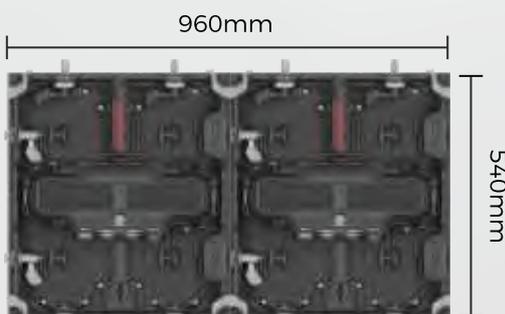
DCI-P3 99.8% color gamut optional.

8:9 Cabinet Design

Single cabinet aspect ratio 8:9, easily allows for quick splicing into standard 16:9 display screens..



aspect ratio 8:9



aspect ratio 16:9

IP65 Protection

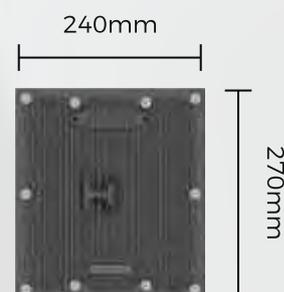
IP65 protection for front and rear. Front side MIP+GOB cover, Waterproof, moisture-proof, antistatic and anti-collision.



- Anti-collision
- Anti-oxidation
- Moisture-resistant
- Easy clean
- Anti-static

Die-cast Aluminum Bottom Shell

Die-cast aluminum bottom shell for better flatness and better heat dissipation.



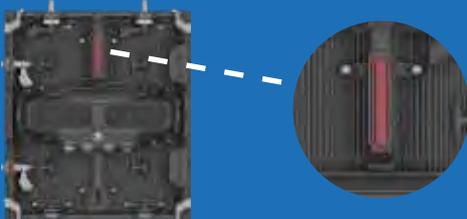
Modular Design

Cabinet modular design, easy for maintenance.

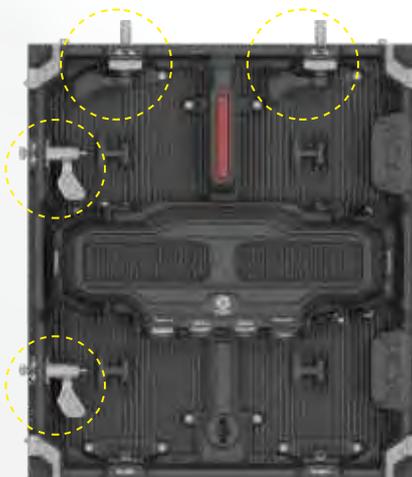


Handle Design

Top of cabinet is designed with handle, easy to operate during installation, without the risk of dropping.



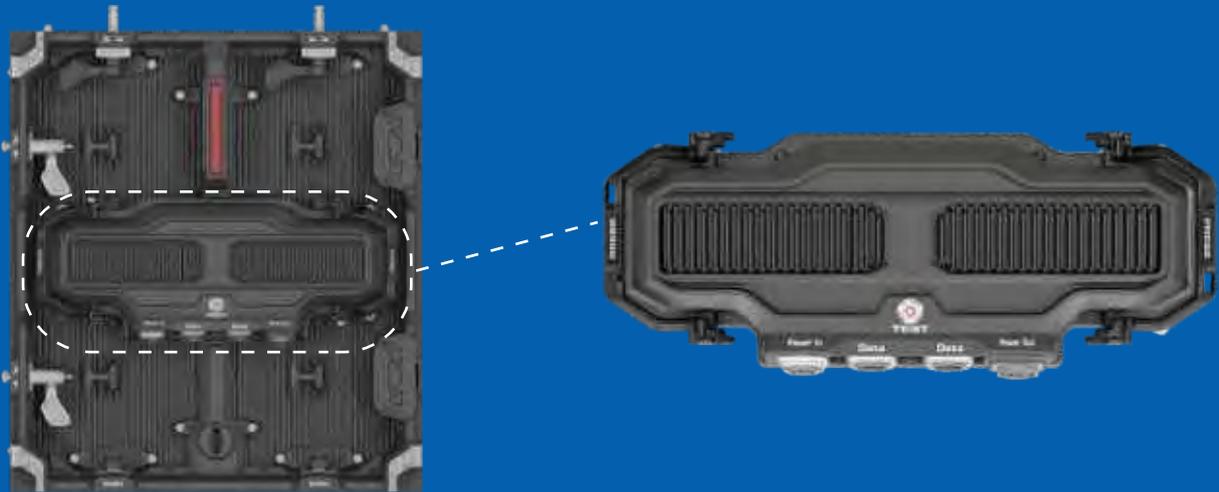
Fast Lock Design



Cabinet has fast lock for fast installation

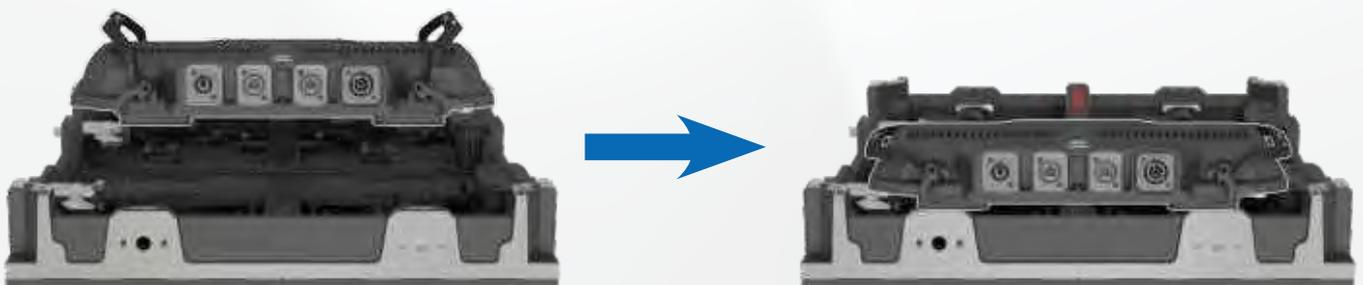
Radiator Design

The back cover of the power box adopts a radiator design to help dissipate heat and reducing the middle part bluing, helps to improve the stability and life span.



Snap-on power box

Snap on power box replaces screws for fastening, making maintenance convenient and quick..



NOX Series Specification

		45E12	45E15	45E18	45E25
PHYSICAL PARAMETERS	Pixel Pitch (mm)	P1.25	P1.5	P1.875	P2.5
	Cabinet Resolution (W×H)	384×432	320×360	256×288	192×216
	Cabinet Size (mm)(W×H×D)	480 × 540 × 84			
	Overall Weight (kg)	10			
OPTICAL PARAMETERS	Pixel Density (dots/m ²)	640,000	444,444	284,444	160,000
	Frame Rate (Hz)	50/60	50/60	50/60	50/60
	Refresh Rate (Hz)	3840-7680	3840-7680	3840-7680	3840-7680
	Brightness (nits)	≤4000	≤4000	≤4000	≤4000
	Gray Scale (bit)	14-16	14-16	14-16	14-16
	Contrast Ratio	20,000:1			
	Color Temp (K)	2000~12,000K			
ELECTRICAL PARAMETERS	Max. Power Consumption (W/m ²)	≤650	≤650	≤650	≤650
	Avg. Power Consumption (W/m ²)	≤220	≤220	≤220	≤220
	Working Voltage (V)	AC: 110V~240V, 50~60Hz			
ADDITIONAL FEATURES	Lifetime (Hrs)	100,000			
	Operation Humidity (RH)	10%~90%			
	Operation Temp (RH)	-20~+50			
	IP Level	IP65			

The parameter index will change according to the specific situation of the project (the product shall be subject to the submitted contract specification)



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