

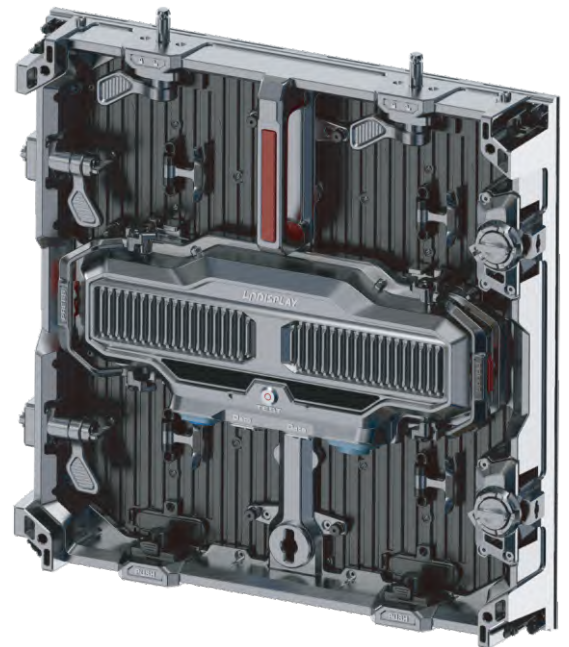


THE LEADER AND CREATOR OF FLIP CHIP DISPLAY PANEL

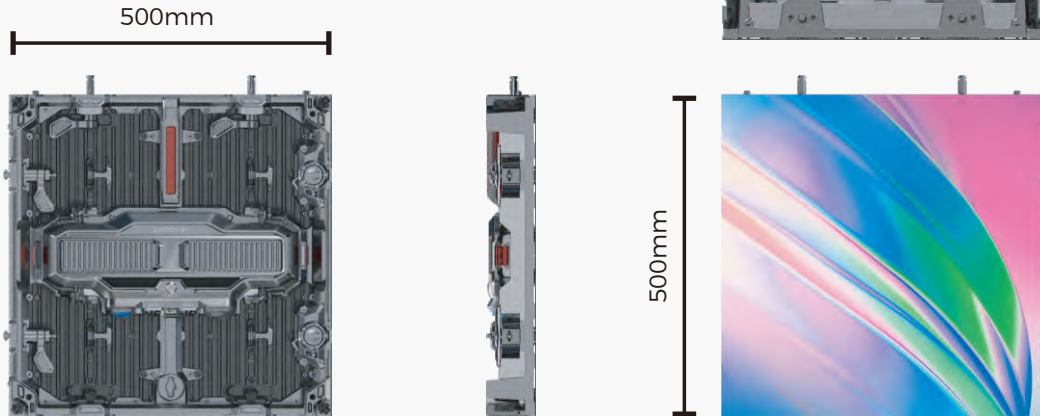
LX Series

HIGH-END RENTAL PRODUCT

LXCOB series is a new generation of high-end rental products, widely used in a variety of performance activities such as: concerts, press conferences, e-sports, industry summits, car shows, F1 car race and other indoor and outdoor activities.

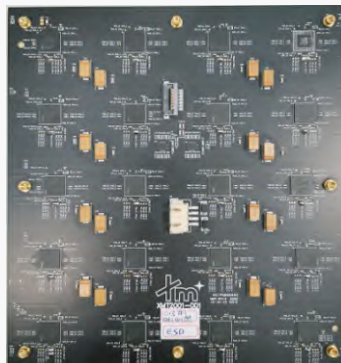
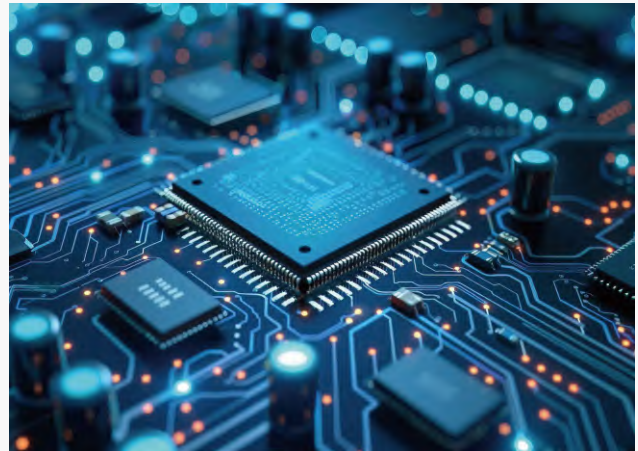


Product Display

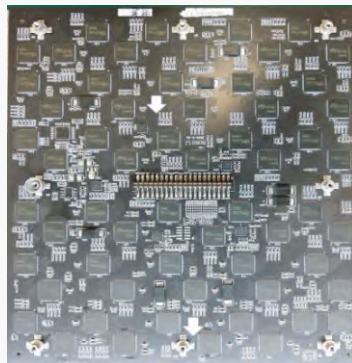


Configured with the Most Advanced Drive IC

- ▲ 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

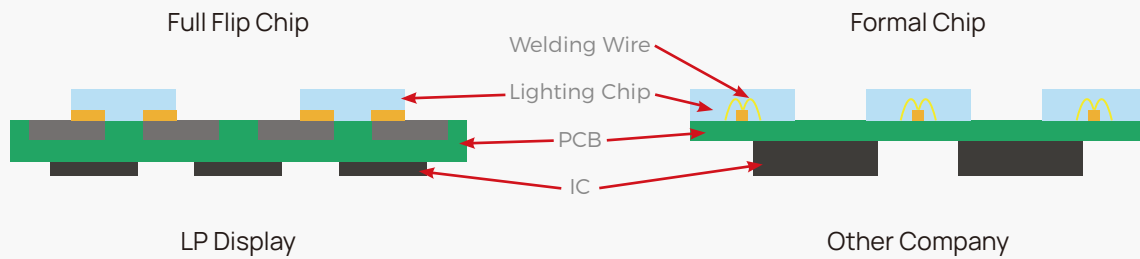


Other Company

- ▲ Large channel design chips, less chips less cost.
- ▲ Same size, fewer chips, less heat generation.
- ▲ Helps improve life and stability.

Full Flip Chip COB Panel

- ▲ Full flip chip, no welding pad block, high luminous efficiency, and wider view angle.
- ▲ No welding wire, reduce the failure rate of the lamp bead.
- ▲ Light-emitting chip direct contact with the PCB, which improves heat dissipation.



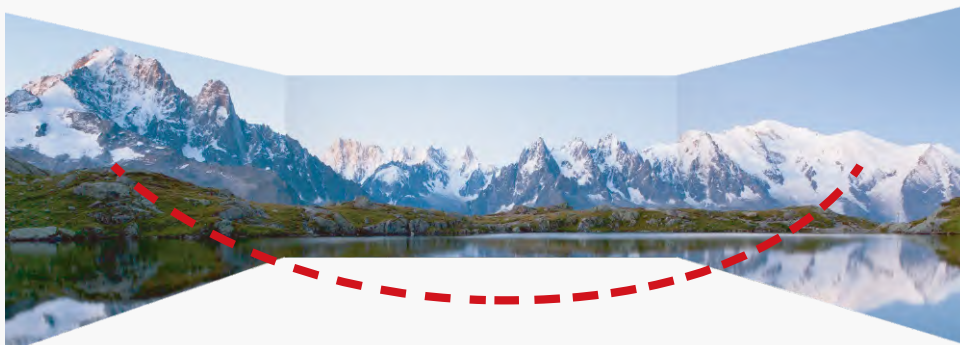
Common Cathode Design

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



Wider View Angle

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



Ultra-high Refresh



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

High Brightness COB Panel

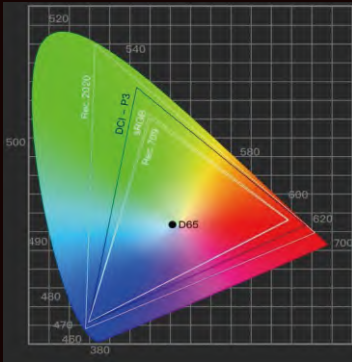


Indoor 1500nits ultra high brightness COB panel, for more vivid and bright display



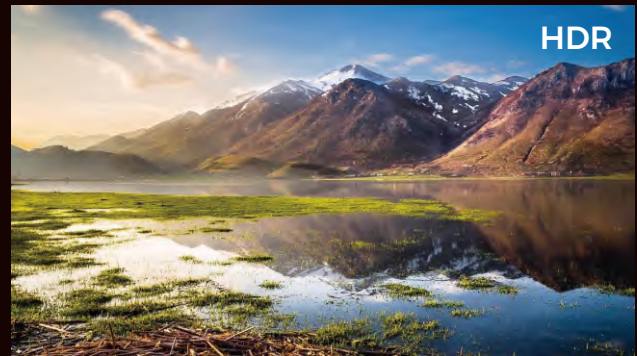
10,000:1 ultra high contrast ratio make the image more bright and show more details

High Color Gamut



DCI-P3 99.8% color gamut optional

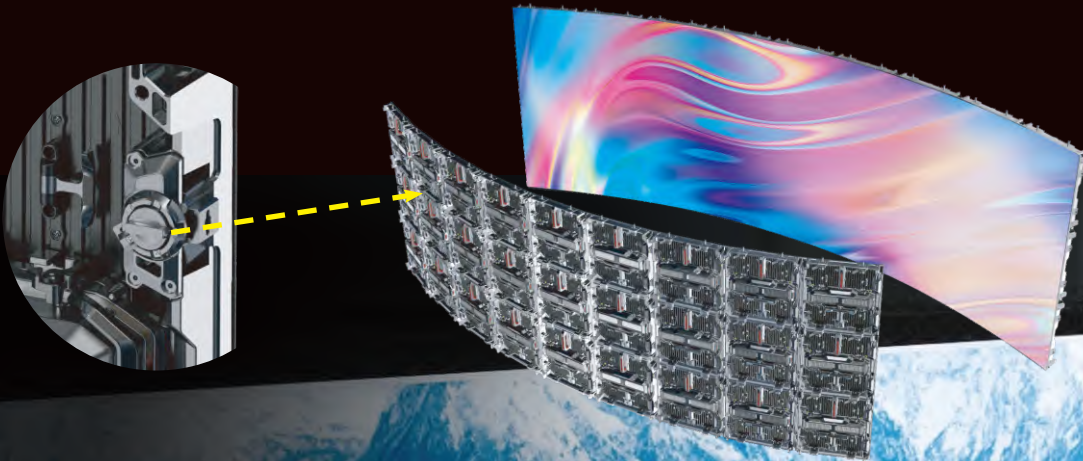
HDR Support



High Dynamic Range

Flexible Application

-6° to +6° high-precision arc lock, support for concave and convex splicing, uniform arc transition



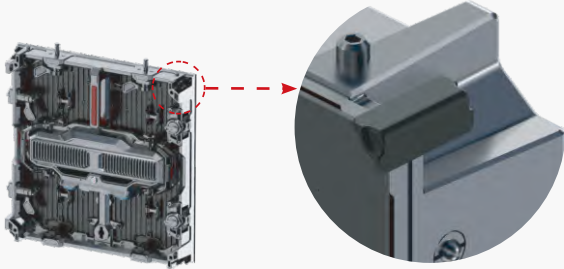
XR Solution

- ▲ 1500nits brightness
- ▲ 7680hz refresh rate
- ▲ 10,000:1 contrast ratio
- ▲ DCI-P3 99.8% color gamut
- ▲ -6° to +6° curve optional
- ▲ Common cathode energy saving
- ▲ COB panel perfect protection
- ▲ Front and rear maintenance
- ▲ Hanging and stacking



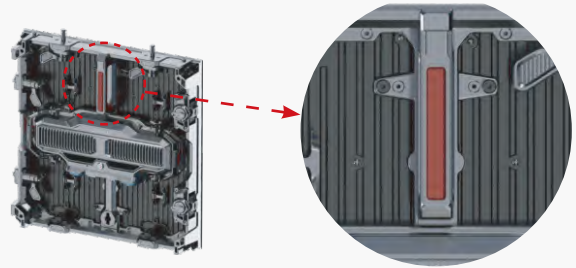
Corner Protection Design

Cabinet with corner protection design, to protect the edge of the lamp beads will not be damaged during transportation.



Handle Design

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



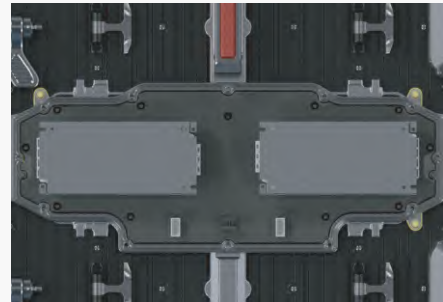
Radiator Design

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.



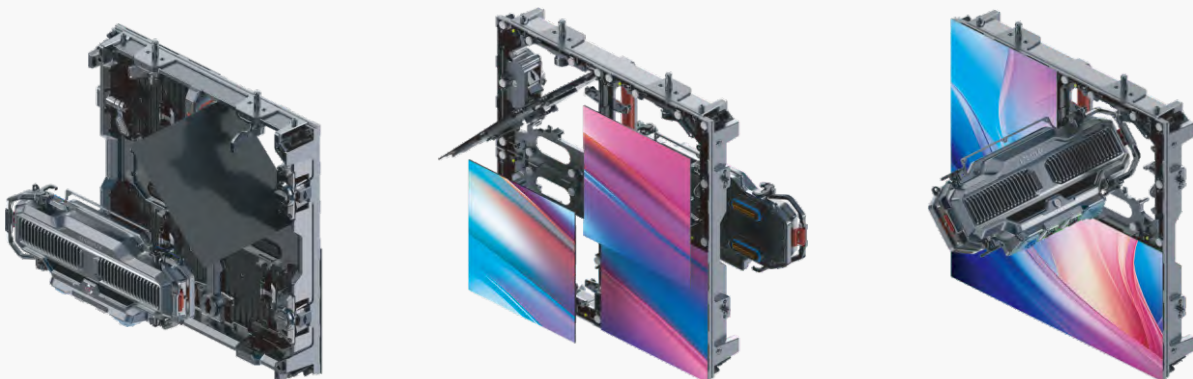
Redundancy Design

Dual power supply design improves stability and avoids performance accidents.

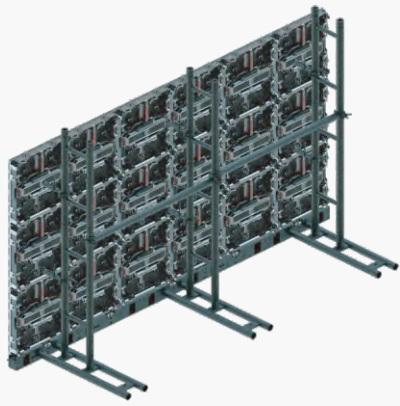


Modular Design

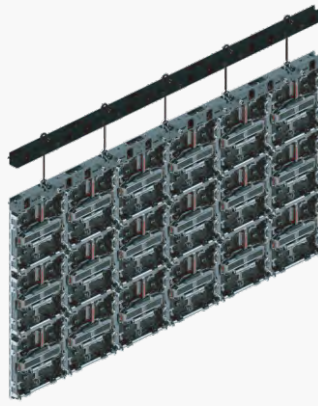
Cabinet modular design, front and rear maintenance, convenient and quick.



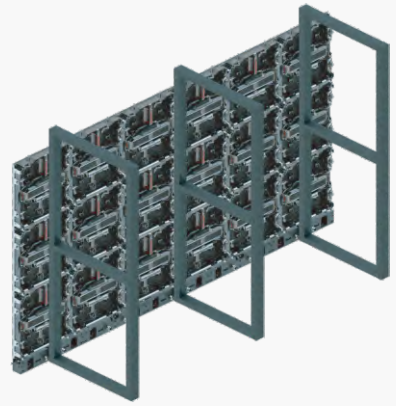
Various Ways to Use



Stacking



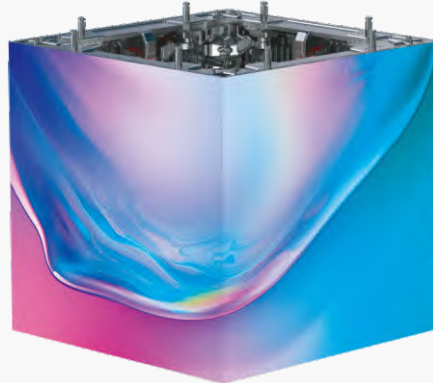
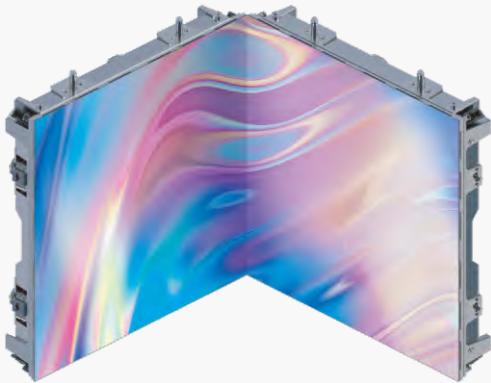
Hanging



Standing

Edge Cut Optional

500 500mm cabinet can be cut 45 degrees beveled edge, can splicing column and right angle screen.



Snap on Power Supply Box



Remove



Fixed

Snap on power supply box design, no screw, fast maintenance

LX Series Specification

| Model | | LX1,5 | LX1,9 | LX2.2 | LX2,6 | LX2,9 | LX3,9 | LX03,9 | LX04,8 | |
|------------------------------|--|------------------------|----------|-----------|----------|---------------------|--------------------|---------------------|--------------------|--|
| PHYSICAL PARAMETERS | Pixel Pitch (mm) | P1.5625 | P1.95 | P2.27 | P2.604 | P2.976 | P3.91 | P3.91 | P4.81 | |
| | LED type | SMD | SMD | COB | COB | SMD | SMD | SMD | SMD | |
| | Cabinet Resolution (W×H) | 320×320 | 256×256 | 220×220 | 192×192 | 168×168 168×336 | 128×128 128×256 | 128×128 128×256 | 104×104 104×208 | |
| | Cabinet Size (mm) (W×H×D) | 500×500 | | | | 500×500 500×1000 | | 500×500 500×1000 | | |
| | Overall Weight (kg) | 7,8 | | | | 8.5/13 | | 9/14 | | |
| | Pixel Density (dots/m ²) | 262, 144 | 262, 144 | 193, 600 | 147, 456 | 112, 896 | 65, 536 | 65, 536 | 43, 264 | |
| OPTICAL PARAMETERS | Frame Rate (Hz) | 50/60 | | | | | | | | |
| | Refresh Rate (Hz) | 3840~7680 | | | | | | | | |
| | Brightness (nits) | ≤800 | ≤1200 | ≤1500 | ≤1200 | ≤1200 | ≤1200 | ≤5000 | ≤5000 | |
| | Gray Scale (bit) | 16 | | | | | | | | |
| | Contrast Ratio | 7000:1 | 7000:1 | 20, 000:1 | 7000:1 | 7000:1 | 7000:1 | 7000:1 | 7000:1 | |
| | Color Temp (K) | 2900~9500 | | | | | | | | |
| ELECTRICAL PARAMETERS | Max. Power Consumption (W/m ²) | ≤500 | ≤500 | ≤500 | ≤160 | ≤500 | ≤500 | ≤650 | ≤650 | |
| | Avg. Power Consumption (W/m ²) | ≤170 | ≤170 | ≤170 | ≤170 | ≤170 | ≤170 | ≤220 | ≤220 | |
| | Working Voltage (V) | AC: 110V~240V, 50~60Hz | | | | | | | | |
| ADDITIONAL FEATURES | Lifetime (Hrs) | 100, 000 | | | | | | | | |
| | Operation Temp (RH) | -20~+40 | | | | | | -20~+50 | | |
| | Operation Humidity (RH) | 10%~80% | | | | | | 10%~95% | | |

SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

☎ 86+0755-2350 2825

🌐 www.szlpdisplay.com

✉ oversea@szlpdisplay.com

📍 5D-701, Shenzhen Software Industry Base, Haitian Second Road, Nanshan, Shenzhen, Guangdong, China



Company
Official Website