

COB Series (500x500mm)

Indoor Ultra High Definition LED Screen

Chip on Board (directly mounting the LED chips onto the board), Flip-Chip, solder LED chip on PCB and seal with epoxy resin, reduce the risk of soldering wire and improve the stability, wider viewing angle and super high protection. Super thin and light weight for indoor application. Multiple installation ways such as wall-mounted, hanging and used for events. Born for control room, events, exhibitions, studio conference and shopping malls

Brochure

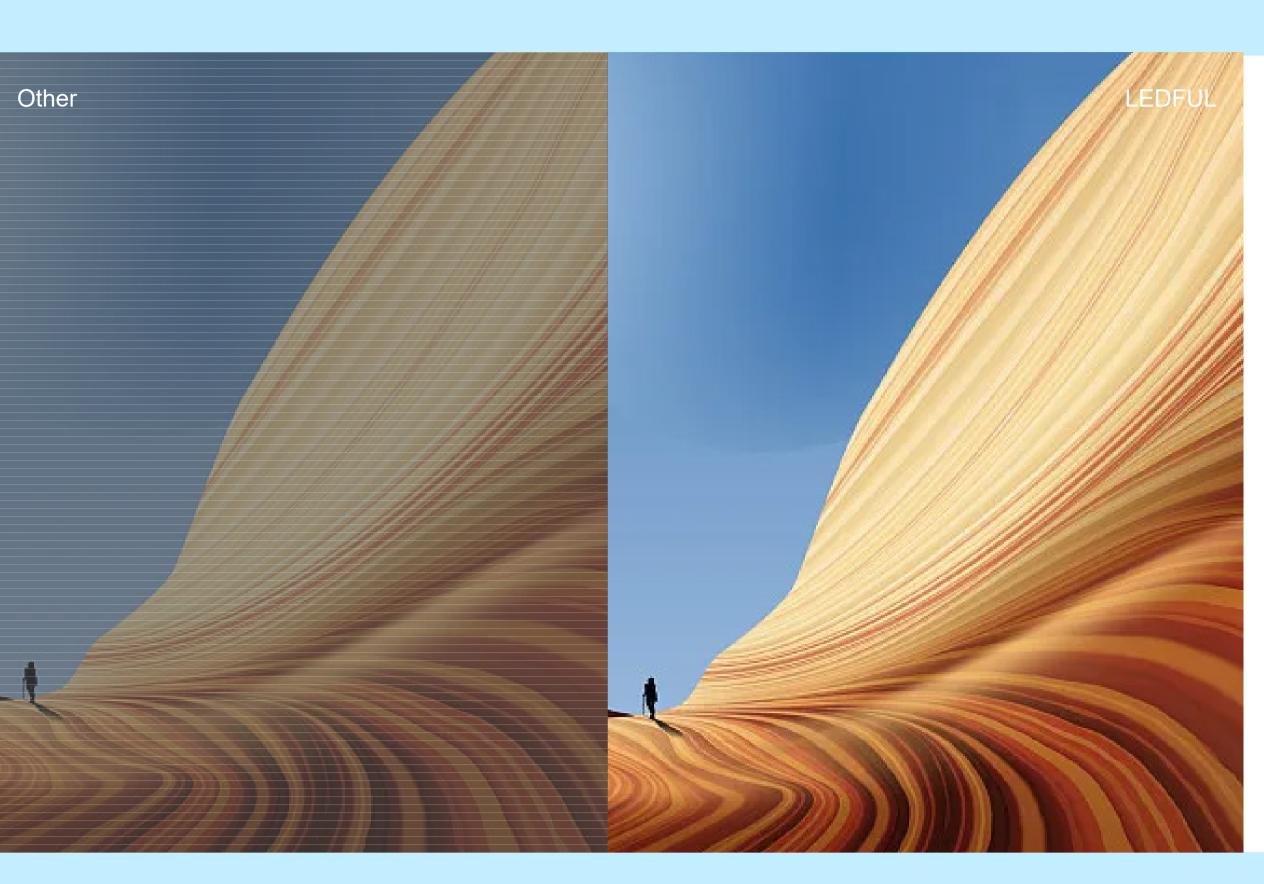
Product Video

Installation Video

Contact

Cable-Free Design

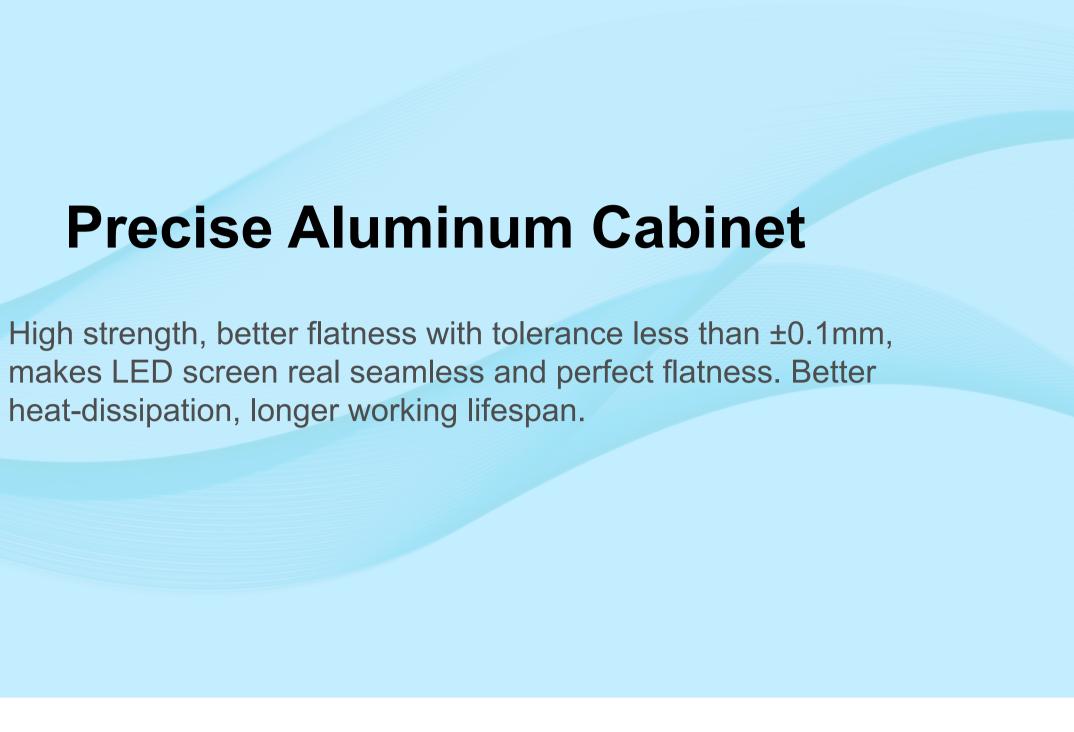
Faster setup, save labors, save time, save cost during LED screen installation, simple, easy, convenient, new user friendly, neat cables arrangement, reduced cable clutter.

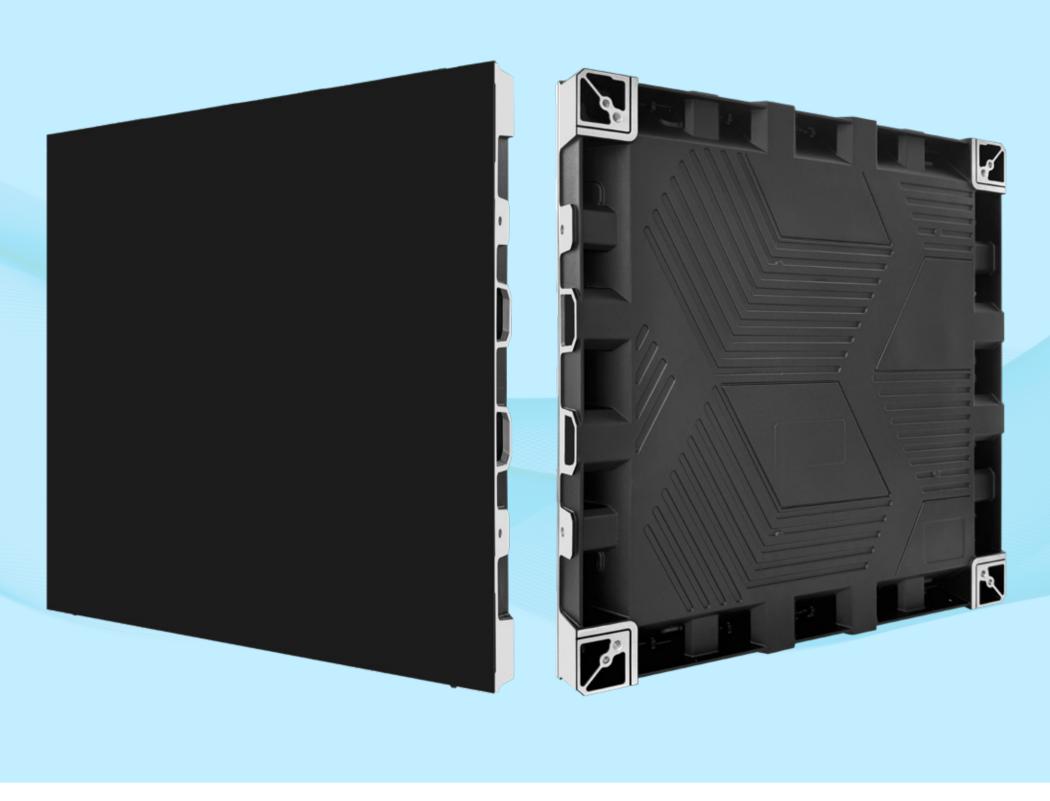




Superior Visual Effect

- 16bit grayscale
 10000:1 contrast ratio
 Seamless splicing no
- Seamless splicing, no any lines between cabinets
 Low blue light damage UHD 3840HZ high refresh
- Low blue light damage, UHD, 3840HZ high refresh, full color
 Ultra-wide viewing angle, horizontal and vertical viewing angles reach 170°
- Energy efficiency, reduced energy consumption, having a positive environmental impact





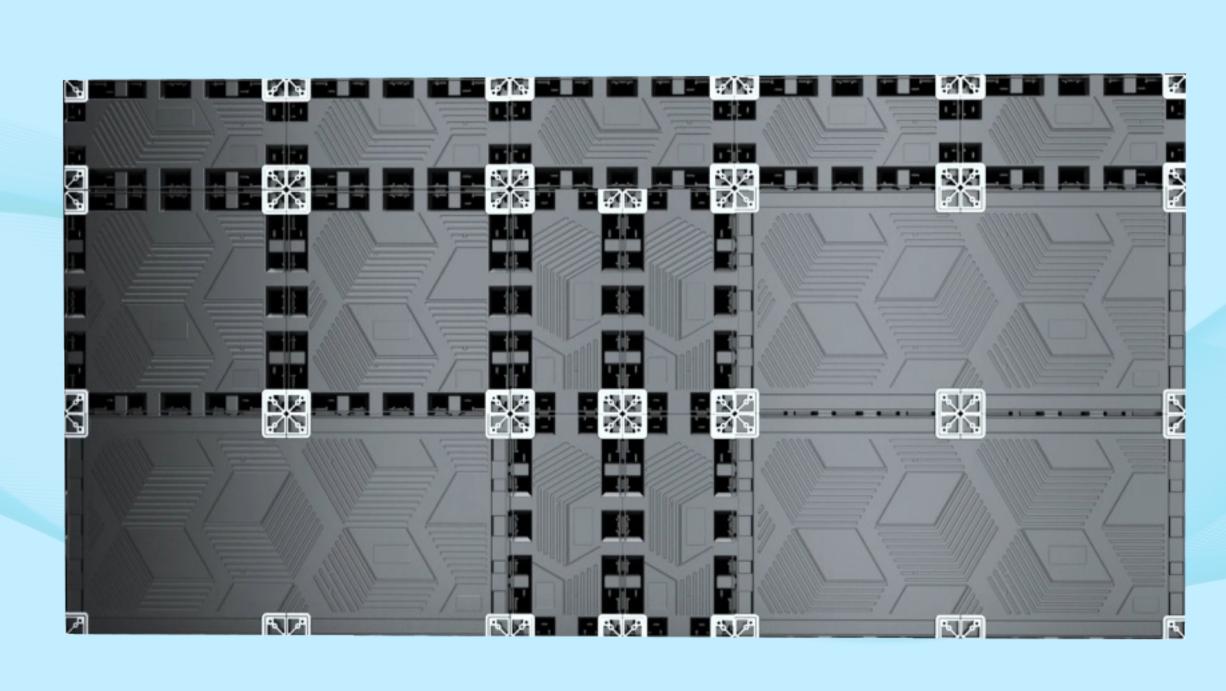
Ultra Thin and Light

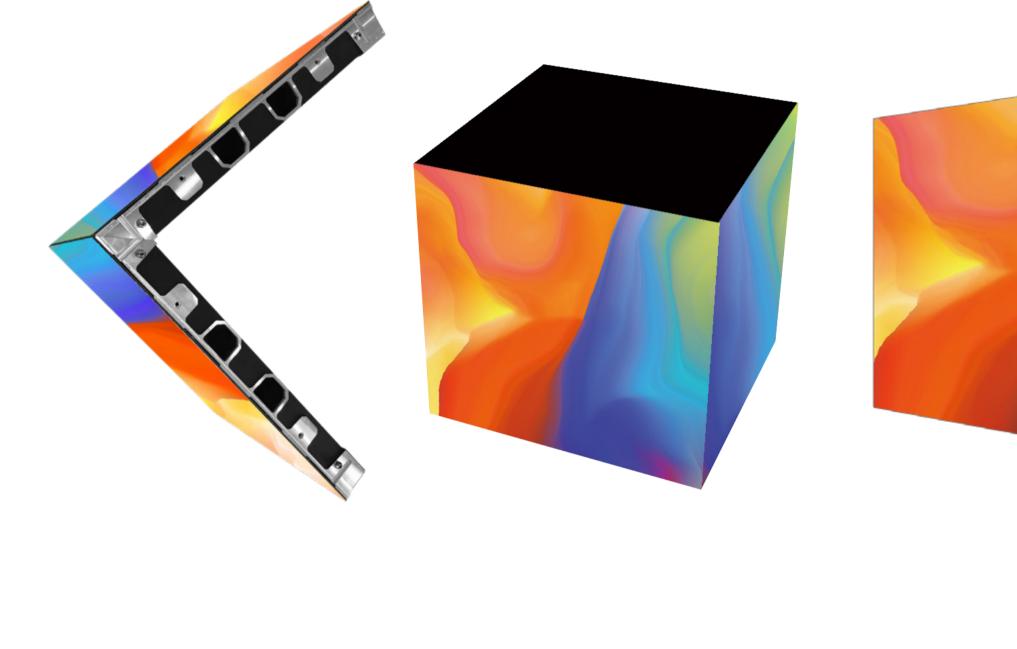
50mm product depth & per cabinet is only 6.5kg.

Flexible Splicing

More options, more solution, solve the pain point of indoor space limitation.

Multi-Size Options 500x500mm & 500x250mm & 500x1000mm.





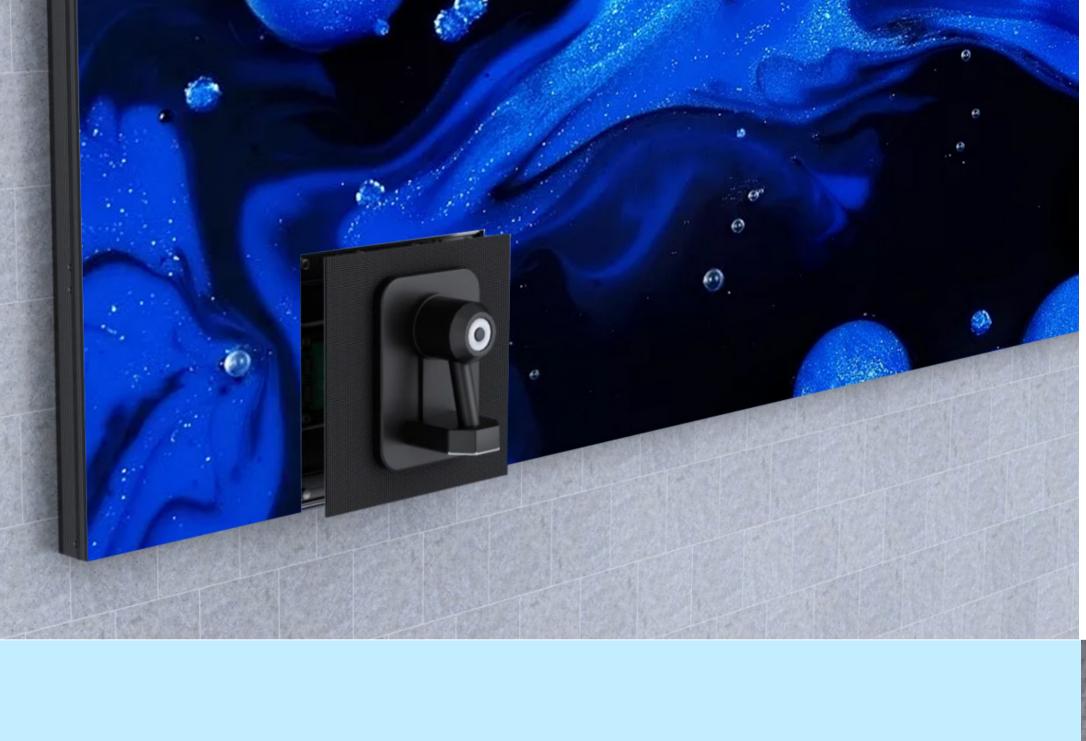


screens.

Recommending the more right solution for clients according to actual condition.

Fixed Installation & Rental Events

Two different cabinet designs, wider application, more options.



Full Front Maintenance

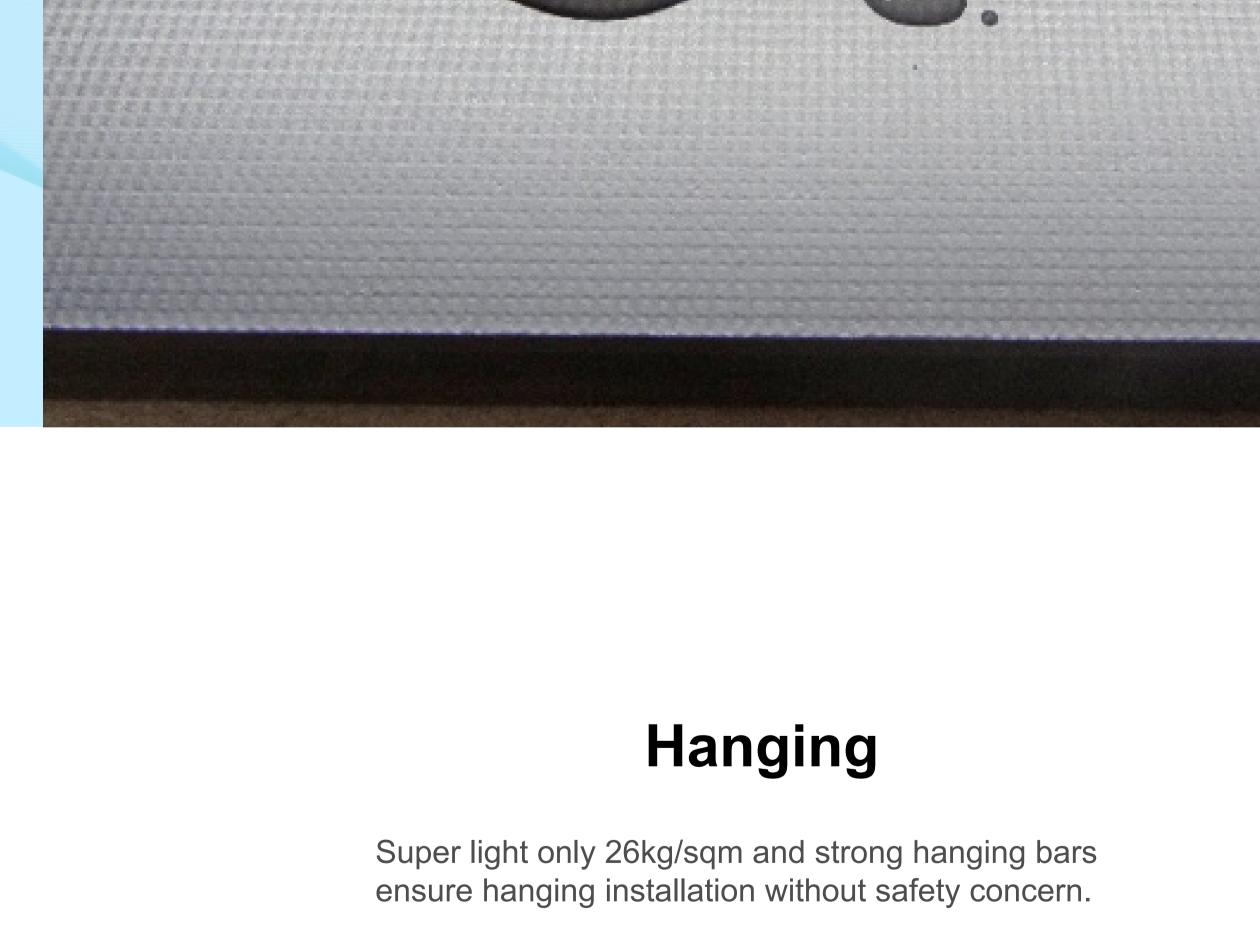
Easier and faster installation and maintenance, anyone can

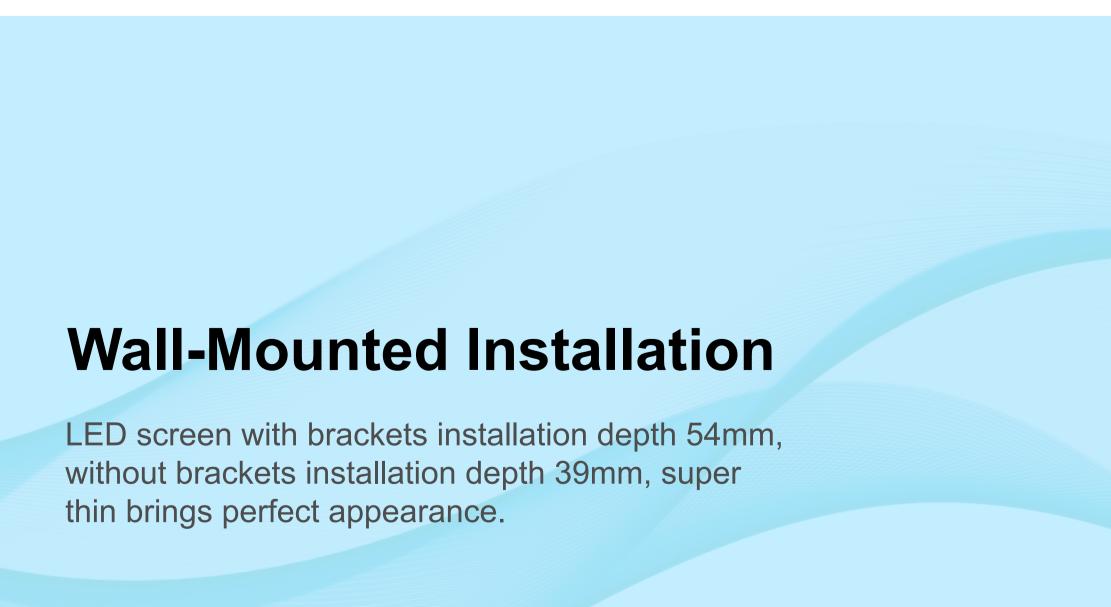
replace the LED modules with a special suction tool. Easy,

quick, convenient, only 1 second with our cable-free design.

Flexible in location, can be mounted to the wall directly.









Rental Events Applied to various events, music show and exhibitions etc, fast installation and disassemble, convenient transportation with flight case package.

10% ~ 95%

AC110/220V, 50-60Hz

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AC110/220V, 50-60Hz

Parameters				
Model	COB01.2(Flip-Chip)	COB1.5(Flip-Chip)	COB1.9(Flip-Chip)	COB1.9(Flip-Chip)
Pixel Pitch(mm)	1.25	1.5625	1.953	1.953
Pixel Matrix Per Sq.m	640,000	409,600	262,144	262,144
Pixel Configuration	COB 1R 1G 1B	COB 1R 1G 1B	COB 1R 1G 1B	COB 1R 1G 1B
Brightness (nits)	600-800	600-800	600-800	2000
Scan	1/50	1/40	1/64	1/16
Module Dimension	250x250mm	250x250mm	250x250mm	250x250mm
Cabinet Dimension		500x500x50mm / 500x250x50m	m	
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Cabinet Weight	6.5KG/pcs	6.5KG/pcs	6.5KG/pcs	6.5KG/pcs

"Max. 460W / Avg.210W" "Max. 460W / Avg.210W" Power Con. (W/sqm.) "Max. 460W / Avg.210W" "Max. 460W / Avg.210W" Service Access Full Front Access Full Front Access Full Front Access Full Front Access Refresh Rate (HZ) ≥3840 ≥3840 ≥3840 ≥3840 16 16 16 16 Grey Scale (bit) Contrast Ratio 10000 : 1 10000 : 1 10000 : 1 10000 : 1 Viewing Angle (H / V) 170° / 170° 170° / 170° 170° / 170° 170° / 170° IP Rate IP65 (front) IP65 (front) IP65 (front) IP65 (front) -20°C **~ +60**°C -20°C **~ +60**°C -20°C **~ +60**°C Operation Temperature -20°C **~ +60**°C

10% ~ 95%

Input Voltage (AC)

AC110/220V, 50-60Hz

* Specifications and photos are subject to change without prior notice.

AC110/220V, 50-60Hz

10% ~ 95%

Operation Humidity