

# COBV Series

600\*337.5mm, COB Virtual Pixel



Shenzhen Senlar Vision Technology CO., Ltd.

[www.senlar.com](http://www.senlar.com)

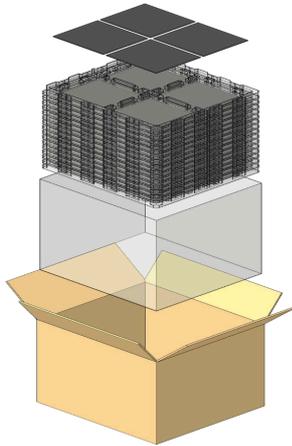
## **Features:**

- COB Virtual Pixel technology, cost effective solution.
- Fully inverted LED chip, no afterimage, no "caterpillar effect," low power consumption;
- Matte finish, non-reflective, high contrast;
- COB encapsulation, dustproof, moisture-proof, surface hardness of 4H, washable;
- Carefully selected PWM driver IC, smooth grayscale transition, high refresh rate, realistic image display, and vibrant colors;
- Low voltage driving method, low power consumption, and cool screen.

## **Usage Precautions:**

- Static Protection: When handling the LED lamp panel and display panel, take precautions against static electricity by following these protective measures:
  - Wear grounded anti-static wrist straps or anti-static gloves. Ensure that the display body is properly grounded, with the grounding resistance  $\leq 10$  ohms. Perform a check every six months.
- Cleaning: When cleaning the surface of the lamp panel, do not use unknown chemical liquids. Use a clean, dust-free or damp cloth with purified water for gentle wiping.
- Power Protection: The distribution box must be equipped with surge protectors and other protective devices.

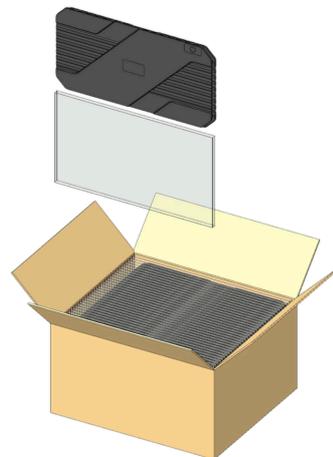
## Package:



Module Package: 64 in 1  
Package Size: 402\*364\*314mm  
Package Weight: 12.5kg



600\*337.5  
Cabinet Package: 4 in 1  
Package Size: 664\*263\*403mm  
Package Weight: 11kg



Backcover Package: 60 in 1  
Package Size: 580\*510\*320  
Package Weight: 22.7kg

## Specifications

|                                |                     |         |         |         |         |
|--------------------------------|---------------------|---------|---------|---------|---------|
| Virtual Pixel Pitch            | 0.62                | 0.78    | 0.9     | 1.25    | 1.56    |
| LED Type                       | Full Flip-Chip COB  |         |         |         |         |
| Module Resolution(Real)        | 120*135             | 96*108  | 80*180  | 60*135  | 48*108  |
| Cabinet Resolution(Real)       | 480*270             | 384*216 | 320*360 | 240*270 | 192*216 |
| Real Density(dots/m2)          | 640000              | 409600  | 568888  | 320000  | 204800  |
| Scan Method                    | 1/40                | 1/48    | 1/60    | 1/45    | 1/54    |
| Module Size(mm)                | 150*168.75          |         |         |         |         |
| Cabinet Size(mm)               | 600*337.5/675*39.75 |         |         |         |         |
| Brightness (nit)               | 600                 |         |         |         |         |
| Color Temperature (K)          | 9300                |         |         |         |         |
| Viewing Angle                  | 160°/160°           |         |         |         |         |
| Contrast Ratio                 | 15000:1             |         |         |         |         |
| Maximum Power Consumption(W/C) | 75                  | 70      | 65      | 60      | 40      |
| IP Level                       | IP54                |         |         |         |         |
| Refresh Rate (Hz)              | 3840                |         |         |         |         |
| Typical Lifespan (hrs)         | ≥100,000            |         |         |         |         |