

COBS Series

Soft-connection, Indoor COB



Shenzhen Senlar Vision Technology CO., Ltd.

www.senlar.com

Features:

- 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;
- Industry-standard 320*160 module size and mounting holes;
- 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 ≤ 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.

Specifications

Pixel Pitch	1.53	1.86
LED Type	Full Flip-Chip COB	
Module Resolution	208*104	172*86
Density(dots/m2)	422753	288906
Scan Method	1/52	1/43
Module Size(mm)	320*160	
Cabinet Size(mm)	640*480/640*640/320*480	
Brightness (nit)	600	
Color Temperature (K)	9300	
Viewing Angle	160°/160°	
Contrast Ratio	10000:1	
Power Consupction(W/m²)	215-500	
IP Level	IP54	
Refresh Rate (Hz)	1920-3840	
Typical Lifespan (hrs)	≥100,000	