

New Generation 27" Cabinet Size LED Flip COB Video Walls

Cabinet size 27" | 16:9 Aspect Ratio | Fully Flip COB LEDs | Smaller Pixel Pitch | Energy Saving

ImagePath™ ClearView LED Mini COB cabinet size 27" using Chip-on-Board (COB) technology. COB LED technology is becoming increasingly popular, this technology allows the display to achieve extremely vast viewing angles and high contrast ratios, with a 27" cabinet size and 16:9 aspect ratio is perfect for Full HD and 4K setups. All this while maintaining a very high power efficiency ratio. These New Generation models which are fully installable and serviceable from the front.

Features

- Cabinet size 27"
- Fully Flip Chip on Board LEDs
- Smaller pixel pitch from 0.78 mm
- Screen Resolution : Full HD and 4K/UHD
- Models with 16:9 aspect ratio
- High Contrast Ratio
- High Brightness
- Full front installation and services
- Advanced Protection: rating of IP65



Fully Flip COB LEDs

ImagePath™ ClearView LED Mini COB adopted with multilayer optical processing technology and COB fully flip chip design, no welding wire, no SMD pad exposed, lower failure rate, it presents vibrant and exquisite pictures with high color consistency while achieving lower power consumption

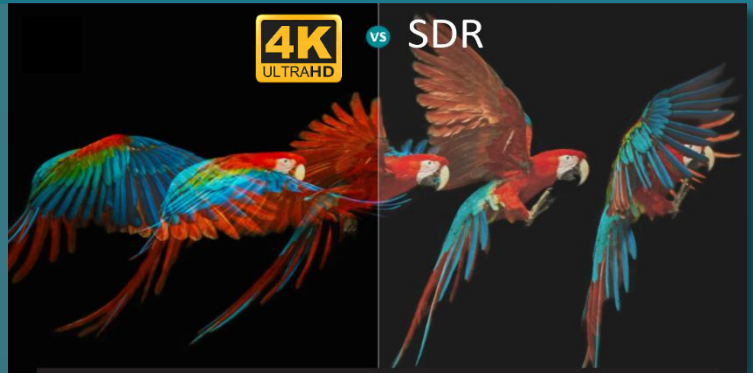


COB fully flip chip design

- ★ High Reliability : No welding wire, No SMD pad exposed, Lower failure rate
- ★ High Luminosity : Higher brightness with the same chip size of the chip, smaller chips with the same brightness requirements
- ★ High Stability : Reduce thermal resistance, efficient heat dissipation, improve device life and color stability

Comfortable Viewing Experience

Ultra-High-Definition picture (4K Resolution), Contrast Ratio 12,000:1, Viewing Angles 170°, Adopting EBL+ Technology (Enhanced Black Level+) which greatly increase the viewing comfort



4K resolution and high contrast ratio



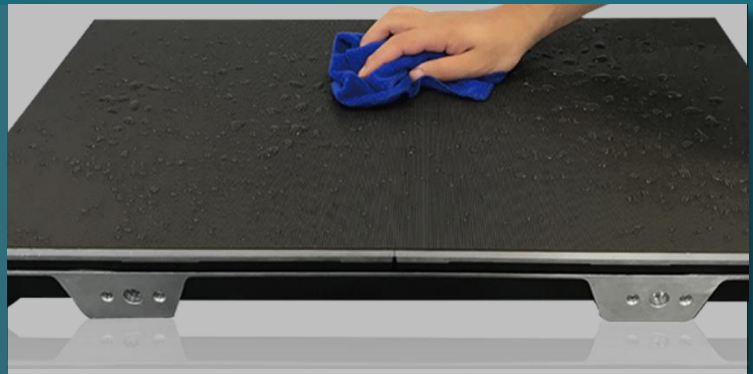
Reduce stray light effects

Eyes Protection

Effectively reduce stray light effects, produce Low Blue Light, protect the eyes to the greatest extent and make the viewing more comfortable

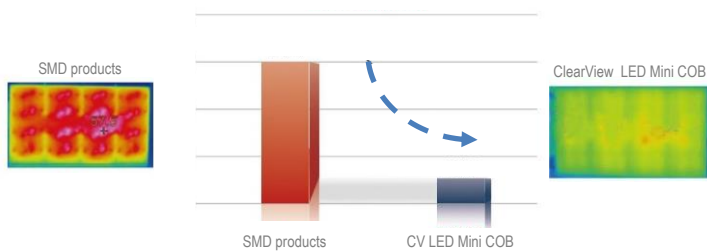
Full Front Installation and Services, Advanced Hardness

High module surface protection, front waterproof, dustproof, antistatic, moistureproof, anti-glare, anti-moire, anti-touch tracking, anti-scratch, anti-shock to protect the lamp beads from damage. Hardness rating IP65. The Cabinet is designed for Full Front Installation and Services. Modules, receiving cards, power supplies can all be serviced from the front



Cabinet designed to give it protection with a hardness rating of IP65

Power Consumption



Power consumption much lower than normal SMD products

Energy Saving

ImagePath™ ClearView LED Mini COB uses RGB full flip-chip and common cathode design make average power consumption only 300 W/sqm, which greatly reduces the use of Energy consumption

SPECIFICATION

LED Type	Mini COB 0.7	Mini COB 0.9	Mini COB 1.2	Mini COB 1.5	Mini COB 1.8
Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
Cabinet Resolution(pixel)	768×432	640×360	480×270	384×216	320×180
Pixel density (dot/sq.m)	1.638.400	1.137.777	640.000	409.600	284.444
Cabinet Size (mm)(WxHxD)	600 x 337.5 x 29.8				
Brightness (cd/m ²)	600 / 800				
Brightness Calibration	Yes				
Contrast Ratio	10.000:1 / 12.000:1				
Processing Depth (Bit)	18				
Refresh Rate	≥3840 Hz				
Viewing Angle	170° H, 160° V				
Signal Transmission Distance	CAT5 Cable: , <100m; Single mode fiber: <10km				
IP Rating Module (Front)	IP65				
Panel Material	Die Casting Aluminum				
Cabinet Weight (kg/panel)	4.3±0.3 kg				
AC Input Voltage	100-240V AC, 50/60Hz				
AC Input Power Max (W/m ²)	425	375	260 / 320	325	300
AC Input Power Typical (W/m ²)	200	175	145 / 165	160	150
Storage Temperature	-20° to 60° C				
Operating Temperature	-10° to 40° C				
Storage Humidity (RH))	10-90% (non-condensing)				
Operating Humidity (RH)	10-80% (non-condensing)				
LED Lifetime (Typical)	100.000 hrs				
Operating Mode	24/7				
Panel installation	Full Front, Fix				
Maintenance	Full Front				
Certifications	CE, CB, ETL, FCC, EAC, RoHS 2.0				

ImagePath Display Company USA

www.image-path.com

Powerful | Interactive | Collaborative

