



Comfortable Viewing and High Reliability LED Flip COB Video Walls

Fully Flip COB LEDs | Smaller Pixel Pitch | 4K Resolution | 16:9 Aspect Ratio | Eye Protection | Energy Saving

ImagePath™ ClearView LED Flip COB using Chip-on-Board (COB) technology. COB LED technology is becoming increasingly popular to provide a state-of-the-art visualization solution. Using this technology allows the display to achieve extremely large viewing angles and high contrast ratios. All this while maintaining a very high power efficiency ratio

Features :

Complete LED Video Wall ready to install
Available Types: Flip COB 136 | Flip COB 163

Fully Flip Chip on Board LEDs

Smaller pixel pitch from 0,78 mm

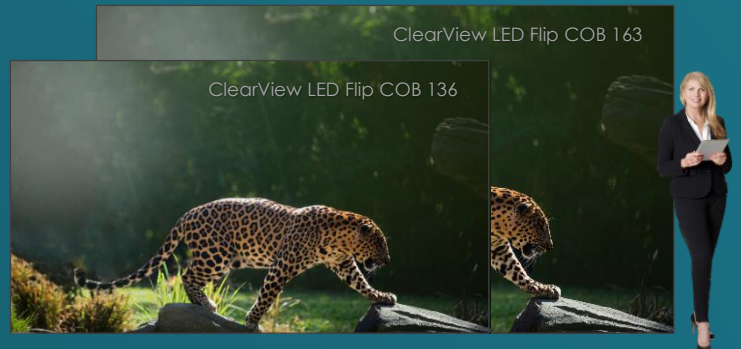
Screen Resolution : 3840 x 2160 pixels (4K/UHD)

Models with 16:9 or wide-view 32:9 aspect ratio

High Contrast Ratio

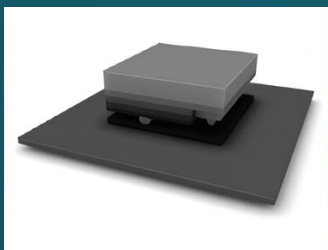
IP65 Front Module

Includes: display cabinets, controller, mounts cables, spare modules



Fully Flip COB LEDs

ImagePath™ ClearView LED Flip 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

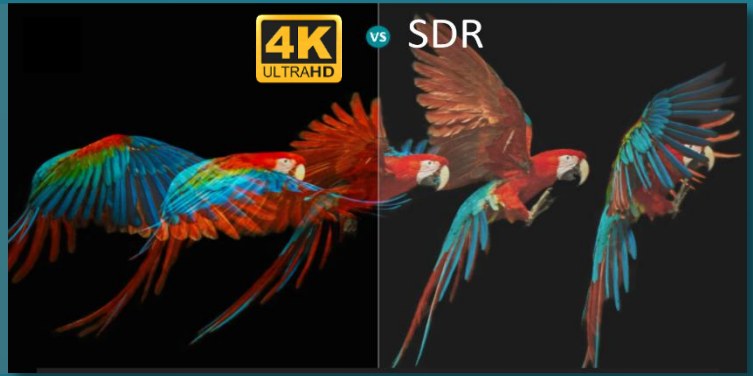


COB fully flip chip design

- ★ 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 20,000:1, Viewing Angles 170°, which greatly increase the viewing comfort



4K resolution and high contrast ratio



reduce stray light effects

Eyes Protection

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

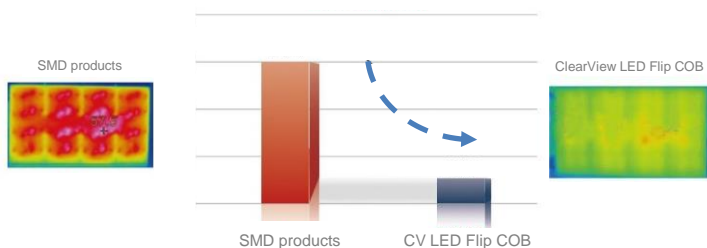
Integrated Design, Strong Protection

Integrated design of power supply, HUB and system card to reduce the retrieval and replacement of various accessories on site and improves the overall efficiency from design, transportation and installation. The protection of the module surface is high, waterproof, dustproof, anti-static, anti-bump, to protect the lamp beads from damage



Strong protective cabinet for secure wall mounted installation

Power Consumption



power consumption much lower than normal SMD products

Energy Saving

ImagePath™ ClearView LED Flip COB uses RGB full flip-chip and common cathode design make average power consumption only 200 W/sqm, which greatly reduces the use of Energy consumption

SPECIFICATION

| LED Type | ClearView LED Flip COB 136 | ClearView LED Flip COB 163 |
|-------------------------------|--------------------------------|----------------------------|
| Pixel Pitch (mm) | 0,780 | 0,935 |
| Screen Dimensions (mm)(WxHxD) | 3000 x 1687,5 x 89,2 | 3600 x 2025 x 89,2 |
| Screen Resolution | 3840 x 2160 (4K Resolution) | |
| LED Controller | 4K/UHD capable with HDMI Input | |
| Cabinet Configuration | 5 x 5 | 6 x 6 |
| Cabinet Resolution (mm) | 768 x 432 | 640 x 360 |
| Cabinet Size (mm)(WxHxD) | 600 x 337,5 x 43,5 | |
| Cabinet Weight (kg/m2) | 25 | |
| Pixel density (dot/sq.m) | 1638400 | 1137777 |
| Surface Flatness (mm) | ≤0.1 | |
| Color Gamut | 85% BT2020 | |
| Colour Temperature (K) | 3000 – 10000, adjustable | |
| Brightness (min) | 600 cd/m ² | |
| Contrast Ratio | 20.000:1 | |
| Frame Rate | 50/60 | |
| Refresh Rate | ≥3840 Hz | |
| Viewing Angle | 170° H, 170° V | |
| IP Rating Module (Front) | IP65 /4H | |
| Panel Material | Die Casting Aluminum | |
| AC Input Voltage | 100-240V AC, 50/60Hz | |
| AC Input Power Max | 425 W/m ² | 375 W/m ² |
| AC Input Power Typical | 200 W/m ² | 175 W/m ² |
| Storage Temperature | -20° to 60° C | |
| Operating Temperature | -10° to 40° C | |
| Storage Humidity (RH)) | 10-95% (non-condensing) | |
| Operating Humidity (RH) | 10-90% (non-condensing) | |
| LED Lifetime (Typical) | 100.000 hrs | |
| Operating Mode | 24/7 | |
| Panel installation | Fix | |
| Maintenance | Full Front | |
| Certifications | CE, CB, TÜV, RoHS, REACH, FCC | |

ImagePath Display Company USA

www.image-path.com

Powerful | Interactive | Collaborative

