PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# COB Plus Series

## Indoor Fine Pitch COB LED Display-P0.93 P1.25

- High Resolution
- 16:9 Aspect Ratio
- Seamless Connection
- 3840Hz-7680Hz
- Large Viewing Angle
- Die-Casting Aluminum
- Front Access
- Easy Maintenance

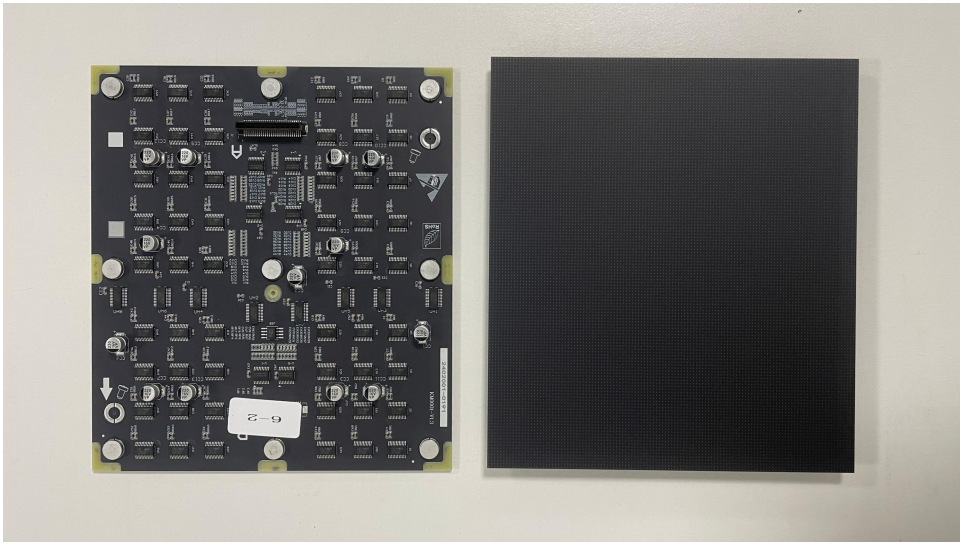
PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# Space Efficiency

COB technology allows for a high pixel density within a compact space. This means more LEDs can be packed into a smaller area, resulting in displays with higher resolutions and sharper image quality.

The superior contrast performance of COB LED displays makes them ideal for applications where vibrant colors and crisp imagery are essential, such as advertising displays and digital signage.

## Module Picture

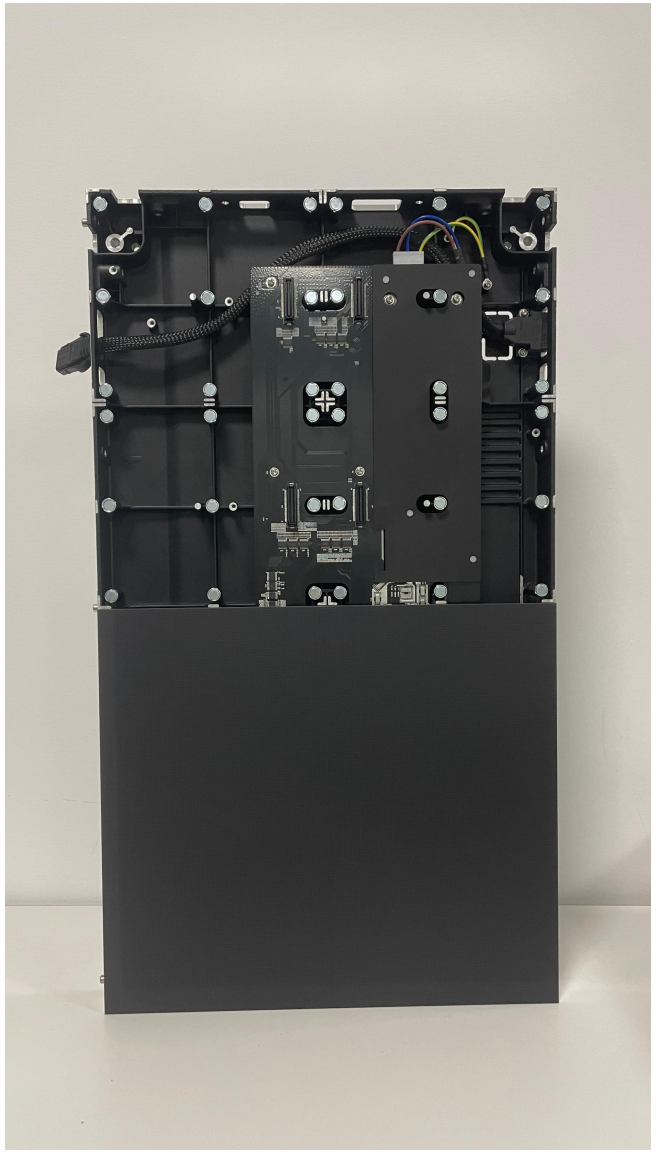


PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# Higher integration

Integrate the power supply, receiving card and HUB board into the whole machine.

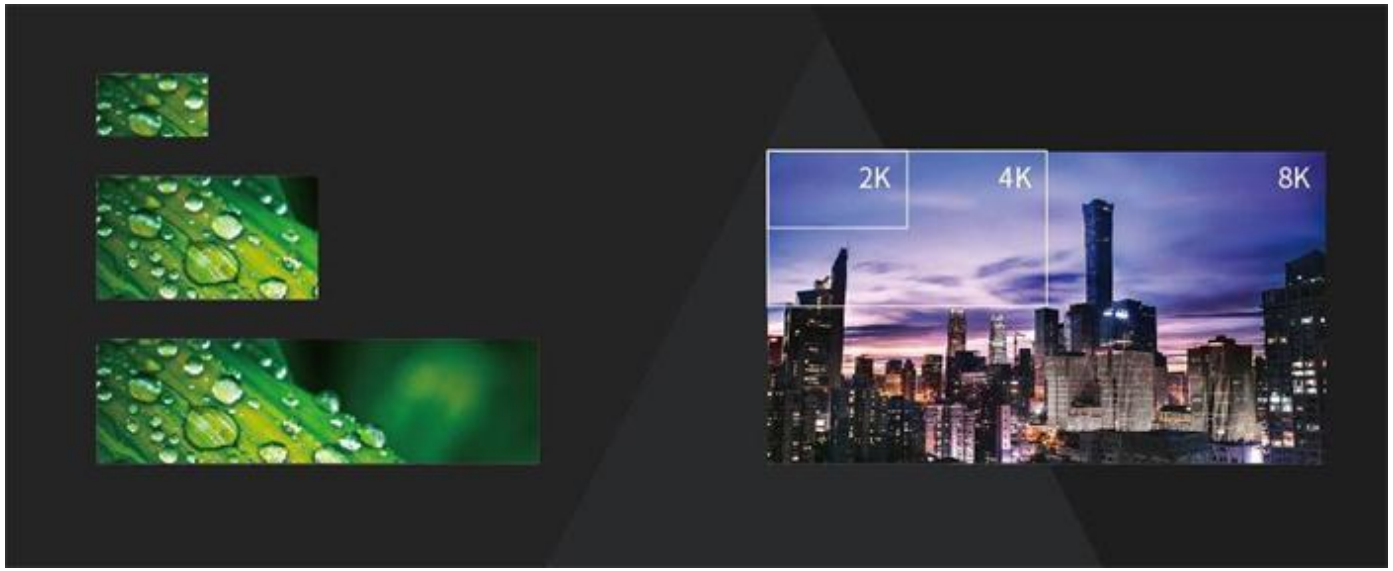
Through high integration, the use of interfaces to connect each unit is reduced, and the probability of failure is also reduced.High integration can also reduce the installation steps for end users and save more manual installation time.Compared with traditional LED displays, COB LED displays are less prone to failure, resulting in lower maintenance costs and less downtime.



PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# Seamless Connection & 16:9 Aspect Ratio

The screen is gapless. Meanwhile, when we build a LED screen with 2K, 4K, 8K, or some other resolutions, we can still have a 16:9 screen aspect ratio.



PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# Larger Viewing Angle


COB LED displays offer wide viewing angles(more than 160 degree), ensuring that content remains visible and legible even when viewed from off-center positions.

PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

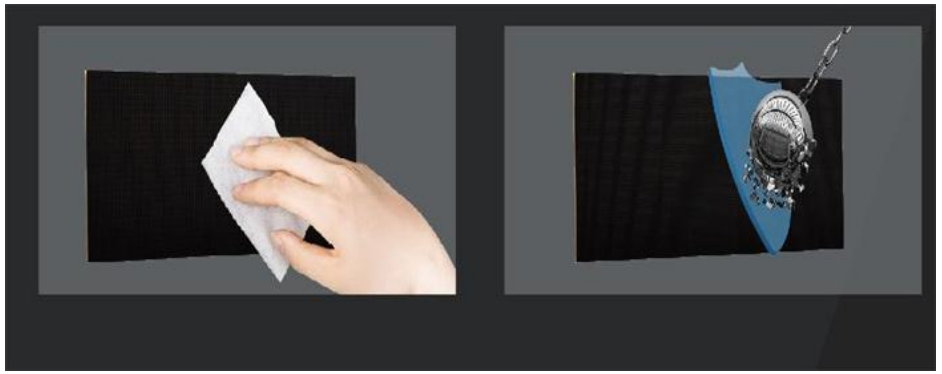
# Less Heat Generate

COB LEDs generate less heat during operation compared to traditional lighting sources, resulting in lower thermal stress on display components and improved reliability.

PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

# High protection level

IP54 rating signifies that the enclosure provides a high level of protection against both dust ingress and water jets, making it suitable for indoor applications where exposure to dust, rain, or water jets is a concern.



PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

## Extraordinary Visual Effects

COB PLUS adopt great PCB design and high quality LED material. With the high refresh rate(3840-7680Hz),grey scale(up to14-22bits) and Static contrast color contract ratio (10000:1), Dynamic contrast (350000:1) the LED display's image is more stable and the picture is clearer which can bring the customers amazing visual effects.

High contrast ratios, which enhance image clarity and visual impact by producing deeper blacks and brighter whites.

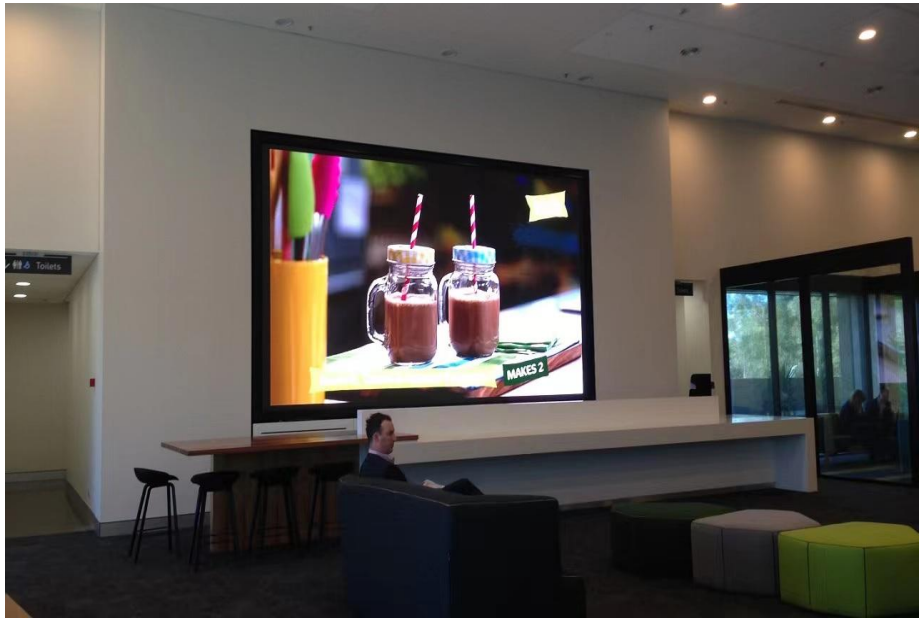
PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

## Application  Fields

COB LED displays utilize a densely packed array of LED chips, resulting in high brightness levels that ensure excellent visibility even in bright ambient lighting conditions.

Its application fields are as follows:

- **Meeting Room**
- **Bus Station**
- **Exhibition Center**
- **Cinema**
- **Education and Training Facilities**



| Item | P0.93 | P1.25 |
|---|---|---|
| Pixel Pitch | 0.93mm | 1.25mm |
| LED Type | COB | COB |
| Module Resolution | 160ts x 180dots | 120dots x 135dots |
| Driving Mode | 1/60 | 1/54 |
| Module Pixels | 28800dots | 16875dots |
| Module Size | 150 x 168.75mm | 150×168.75mm |
| Cabinet Size | 600*337.5*36mm | 600*337.5*36mm |
| Cabinet Resolution | 640dotsx 360dots | 600dotsx 270dots |
| Pixel Density | 230400dots/㎡ | 162000dots/㎡ |
| Minimum Viewing Distance | 0.93m | 1.25m |
| Brightness | 600~800nits | 600~800nits |
| IP Grade | IP54 | IP54 |
| Refresh Rate | 3840~7680Hz | 3840~7680Hz |
| Gray Scale | 14~22bits | 14~22bits |
| Viewing Angle | H:160 ° / V:160 ° | H:160 ° / V:160 ° |
| Maximum Power Consumption | 120W/m² | 120W/m² |
| Average Power Consumption | 64W/m² | 64W/m² |
| Screen Lifespan | ≥100,000 hours | ≥100,000 hours |
| Input Voltage | AC100V - AC240V @ 50Hz/60Hz | AC100V - AC240V @ 50Hz/60Hz |
| Operating Temperature | - 20℃～40℃ | - 20℃～40℃ |
| Operating Humidity | 10%～95% | 10%～95% |
| Cabinet Material | Die-casting Aluminum | Die-casting Aluminum |
| Cabinet Weight | 4.5kg/panel | 4.5kg/panel |
| Operating System | Windows (Win7, Win8, etc.) | Windows (Win7, Win8, etc.) |
| Signal Source Compatibility | DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc. | DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc. |