

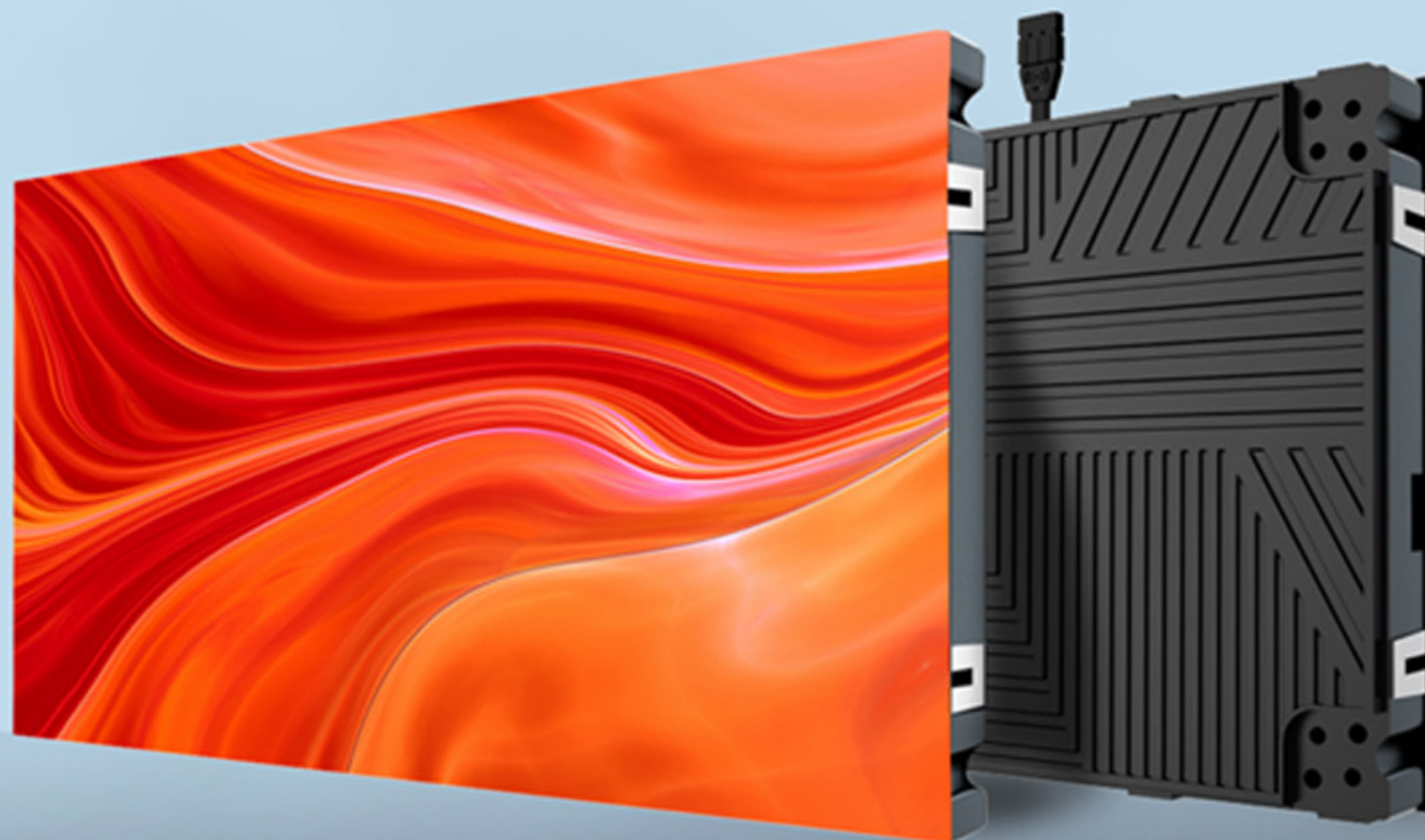


## BK- COB LED Display Series

**We Design. We Integrate. We Support.**  
**Your Single Source for Solutions**

**600 x 337.5mm Cabinet**

**Pixel Pitch: 0.78 / 0.93 / 1.25 / 1.56 / 1.87**





# COB 600×337.5 Cabinet Product



Easy to Set Up  
Easy to Maintain



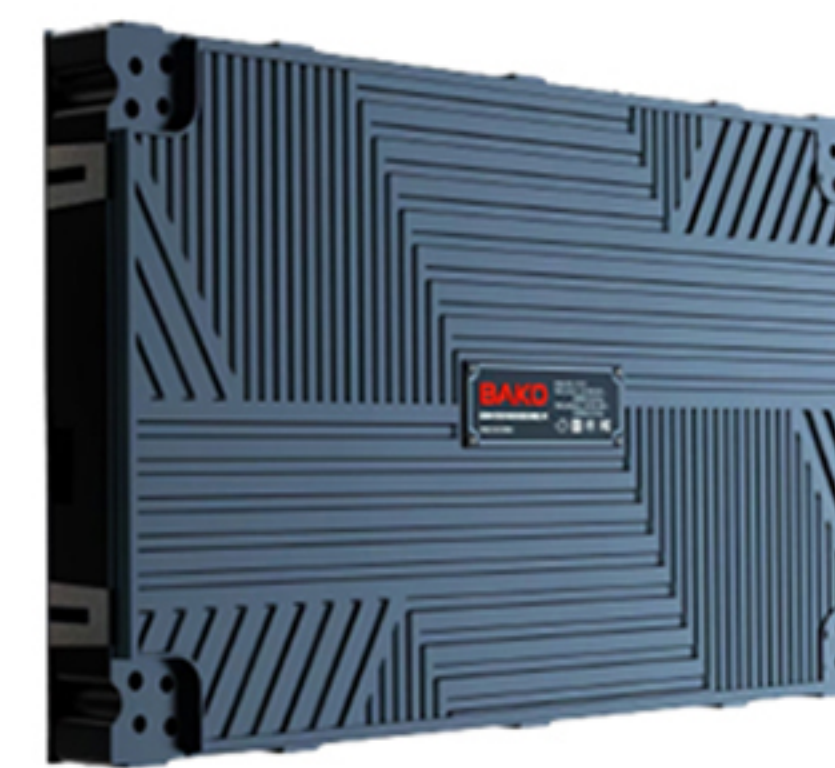
High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



| Parameter Category   | Item                                             | P0.78            | P0.93           | P1.25             | P1.56             | P1.87             |
|----------------------|--------------------------------------------------|------------------|-----------------|-------------------|-------------------|-------------------|
| Pixel Pitch          | Pixel Pitch (mm)                                 | 0.78             | 0.93            | 1.25              | 1.56              | 1.87              |
| Module               | Module Size (W×H mm)                             | 150×168.75       | 300×168.75      | 300×168.75        | 300×168.75        | 300×168.75        |
|                      | Module Resolution (W×H)                          | 192×216          | 320×180         | 240×135           | 192×108           | 160×90            |
| Cabinet              | Cabinet Resolution (W×H)                         | 768×432          | 640×360         | 480×270           | 384×216           | 320×180           |
|                      | Cabinet Size (W×H×D mm)                          | 600×337.5×35.5   | 600×337.5×35.5  | 600×337.5×35.5    | 600×337.5×35.5    | 600×337.5×35.5    |
|                      | Cabinet Weight (kg)                              | 4                | 4               | 4                 | 4                 | 4                 |
|                      | Pixel Density (pixels/m <sup>2</sup> )           | 1,638,400        | 1,137,777       | 640,000           | 409,600           | 284,444           |
| Optical              | Max Brightness (calibrated) (cd/m <sup>2</sup> ) | 600              | 600             | 600               | 800               | 600               |
|                      | Refresh Rate (Hz)                                | 3840             | 3840            | 3840              | 3840              | 3840              |
|                      | Contrast Ratio                                   | 10000:1          | 10000:1         | 10000:1           | 10000:1           | 10000:1           |
|                      | Viewing Angle (H/V)                              | 160°             | 160°            | 160°              | 160°              | 160°              |
| Electrical           | Max Power Consumption (W/m <sup>2</sup> )        | 370              | 370             | 350               | 350               | 330               |
|                      | Avg Power Consumption (W/m <sup>2</sup> )        | 110              | 110             | 100               | 100               | 90                |
| Control System       | Gray Scale (bit)                                 | 14               | 14              | 14                | 14                | 14                |
|                      | Scan Mode                                        | 54               | 54              | 120               | 108               | 90                |
|                      | Circuit Type                                     | Common Cathode   | Common Cathode  | Common Anode      | Common Anode      | Common Anode      |
|                      | Receiving Card Model                             | NovaStar A8S PRO | NovaStar 3-in-1 | NovaStar A5S Plus | NovaStar A5S Plus | NovaStar A5S Plus |
| Operating Conditions | Operating Temperature (°C)                       | -10~+60          | -10~+60         | -10~+60           | -10~+60           | -10~+60           |
|                      | Storage Temperature (°C)                         | -20~+60          | -20~+60         | -20~+60           | -20~+60           | -20~+60           |
|                      | Lifespan (hours)                                 | 100,000          | 100,000         | 100,000           | 100,000           | 100,000           |
|                      | Ingress Protection (Front)                       | IP54             | IP54            | IP54              | IP54              | IP54              |



# COB led display

## Application

Studio

Showroom

Data Visualization





# COB All in One led display



Easy to Set Up  
Easy to Maintain



High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



## 108inch COB All in one LED display

| Model      | Pixel Pitch (mm) | Package Type          | Module Size (mm) | Cabinet Size (mm) | Display Area Size (mm) | Size with Stand (mm) |
|------------|------------------|-----------------------|------------------|-------------------|------------------------|----------------------|
| BK0078-108 | 0.78             | Full Flip-chip COB    | 150×168.75       | 600×337.5×35.5    | 2400×1350              | 2410×2070            |
| BK0093-108 | 0.93             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 2400×1350              | 2410×2070            |
| BK0125-108 | 1.25             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 2400×1350              | 2410×2070            |
| BK0156-108 | 1.56             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 2400×1350              | 2410×2070            |
| BK0187-108 | 1.87             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 2400×1350              | 2410×2070            |
| Model      | Pixel Pitch (mm) | Real Pixel Resolution | Input Voltage    | Max Power (W)     | Avg Power (W)          |                      |
| BK0078-108 | 0.78             | 3072×1728             | AC100-240V       | approx. 1200      | approx. 480            |                      |
| BK0093-108 | 0.93             | 2560×1440             | AC100-240V       | approx. 1200      | approx. 480            |                      |
| BK0125-108 | 1.25             | 1920×1080             | AC100-240V       | approx. 1120      | approx. 448            |                      |
| BK0156-108 | 1.56             | 1536×864              | AC100-240V       | approx. 1120      | approx. 448            |                      |
| BK0187-108 | 1.87             | 1280×720              | AC100-240V       | approx. 1040      | approx. 416            |                      |



# COB All in One led display



Easy to Set Up  
Easy to Maintain



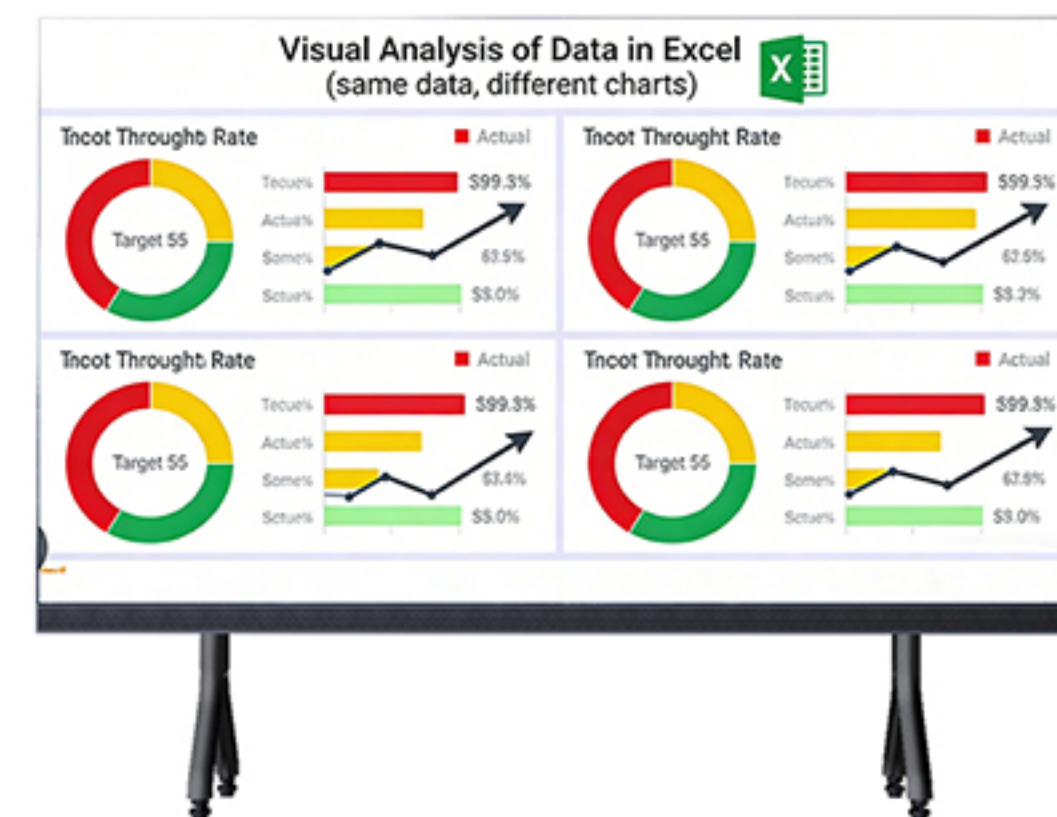
High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



| 135inch COB All in one LED display |                  |                       |                  |                   |                        |                      |
|------------------------------------|------------------|-----------------------|------------------|-------------------|------------------------|----------------------|
| Model                              | Pixel Pitch (mm) | Package Type          | Module Size (mm) | Cabinet Size (mm) | Display Area Size (mm) | Size with Stand (mm) |
| BK0078-135                         | 0.78             | Full Flip-chip COB    | 150×168.75       | 600×337.5×35.5    | 3000×1687.5            | 3010×2408            |
| BK0093-135                         | 0.93             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3000×1687.5            | 3010×2408            |
| BK0125-135                         | 1.25             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3000×1687.5            | 3010×2408            |
| BK0156-135                         | 1.56             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3000×1687.5            | 3010×2408            |
| BK0187-135                         | 1.87             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3000×1687.5            | 3010×2408            |
| Model                              | Pixel Pitch (mm) | Real Pixel Resolution | Input Voltage    | Max Power (W)     | Avg Power (W)          |                      |
| BK0078-135                         | 0.78             | 3840×2160             | AC100-240V       | approx. 1200      | approx. 480            |                      |
| BK0093-135                         | 0.93             | 3200×1800             | AC100-240V       | approx. 1200      | approx. 480            |                      |
| BK0125-135                         | 1.25             | 2400×1350             | AC100-240V       | approx. 1120      | approx. 448            |                      |
| BK0156-135                         | 1.56             | 1920×1080             | AC100-240V       | approx. 1120      | approx. 448            |                      |
| BK0187-135                         | 1.87             | 1600×900              | AC100-240V       | approx. 1040      | approx. 416            |                      |



# COB All in One led display



Easy to Set Up  
Easy to Maintain



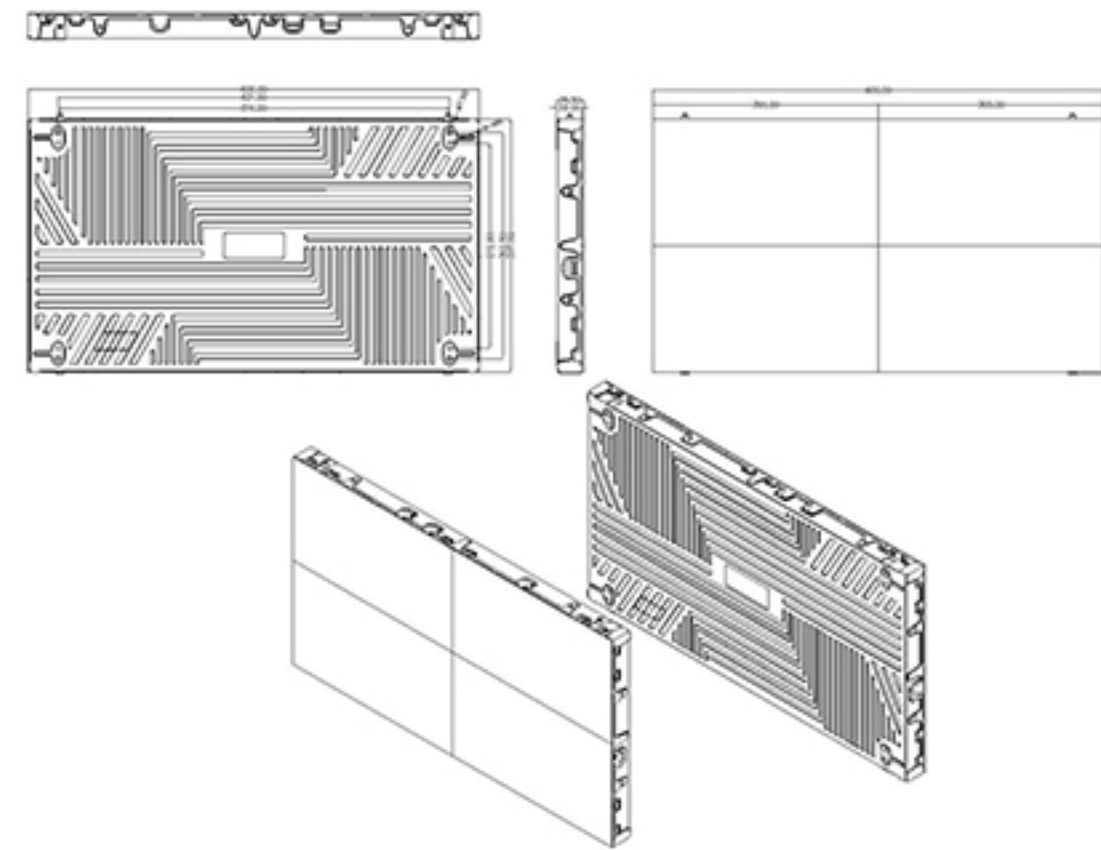
High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



## 162inch COB All in one LED display

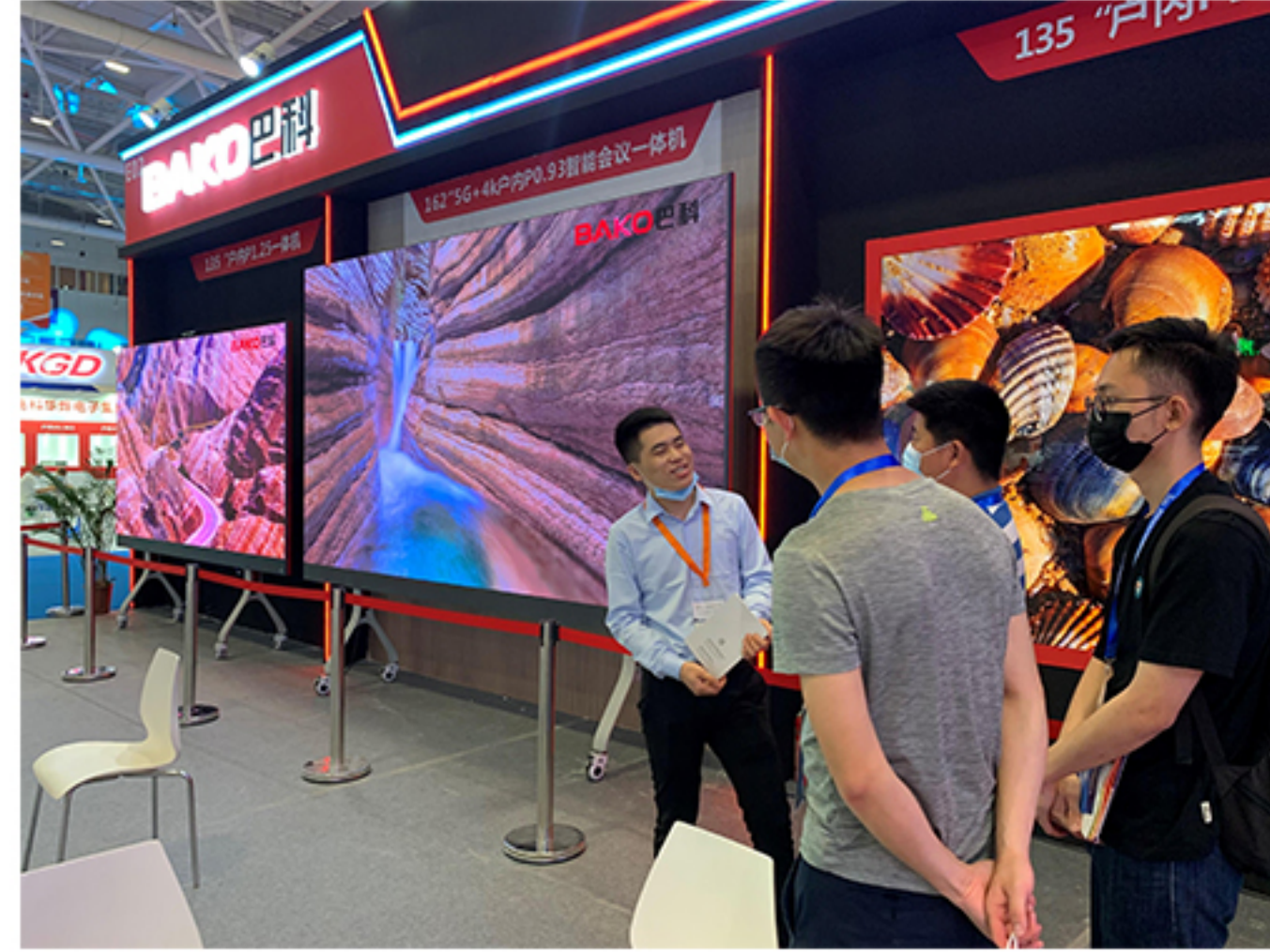
| Model      | Pixel Pitch (mm) | Package Type          | Module Size (mm) | Cabinet Size (mm) | Display Area Size (mm) | Size with Stand (mm) |
|------------|------------------|-----------------------|------------------|-------------------|------------------------|----------------------|
| BK0078-162 | 0.78             | Full Flip-chip COB    | 150×168.75       | 600×337.5×35.5    | 3600×2025              | 3610×2745            |
| BK0093-162 | 0.93             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3600×2025              | 3610×2745            |
| BK0125-162 | 1.25             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3600×2025              | 3610×2745            |
| BK0156-162 | 1.56             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3600×2025              | 3610×2745            |
| BK0187-162 | 1.87             | Full Flip-chip COB    | 300×168.75       | 600×337.5×35.5    | 3600×2025              | 3610×2745            |
| Model      | Pixel Pitch (mm) | Real Pixel Resolution | Input Voltage    | Max Power (W)     | Avg Power (W)          |                      |
| BK0078-162 | 0.78             | 4608×2592             | AC100-240V       | approx. 2700      | approx. 1080           |                      |
| BK0093-162 | 0.93             | 3840×2160             | AC100-240V       | approx. 2700      | approx. 1080           |                      |
| BK0125-162 | 1.25             | 2880×1620             | AC100-240V       | approx. 2520      | approx. 1008           |                      |
| BK0156-162 | 1.56             | 2304×1296             | AC100-240V       | approx. 2520      | approx. 1008           |                      |
| BK0187-162 | 1.87             | 1920×1080             | AC100-240V       | approx. 2340      | approx. 936            |                      |



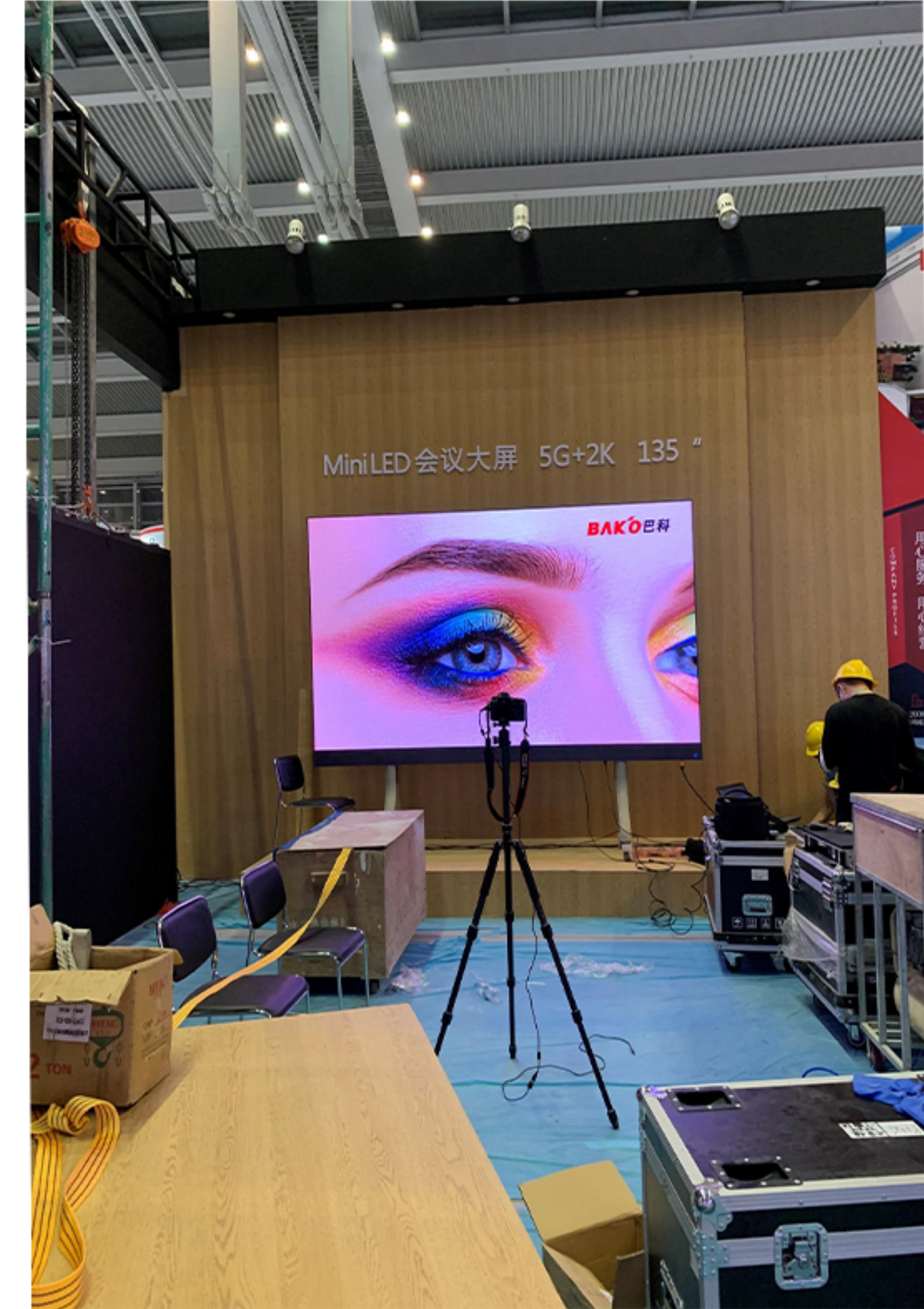
# COB All in One led display

## Application

Conference



Exhibition





# COB LED Poster display



Easy to Set Up  
Easy to Maintain



High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



LED POSTER DISPLAY



| Parameter Item                         | P0.78             | P0.93             | P1.25             | P1.56             | P1.87             |
|----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Module Size (W×H mm)                   | 150×168.75        | 300×168.75        | 300×168.75        | 300×168.75        | 300×168.75        |
| Module Resolution (W×H)                | 192×216           | 320×180           | 240×135           | 192×108           | 160×90            |
| Surface Finish                         | Matte             | Matte             | Matte             | Matte             | Matte             |
| Cabinet Composition                    | 1×6               | 1×6               | 1×6               | 1×6               | 1×6               |
| Screen Resolution (W×H)                | 768×2592          | 640×2160          | 480×1620          | 384×1296          | 320×1080          |
| Display Size (W×H×D mm)                | 600×2025×35.5     | 600×2025×35.5     | 600×2025×35.5     | 600×2025×35.5     | 600×2025×35.5     |
| Pixel Density (pixels/m <sup>2</sup> ) | 1,638,400         | 1,137,777         | 640,000           | 409,600           | 284,444           |
| Ingress Protection (Front)             | IP65              | IP65              | IP65              | IP65              | IP65              |
| Color Uniformity (after calibration)   | Within ±0.001 Cx, | Within ±0.001 Cx, | Within ±0.001 Cx, | Within ±0.001 Cx, | Within ±0.001 Cx, |
| Refresh Rate (Hz)                      | 3840              | 3840              | 3840              | 3840              | 3840              |
| Color Temperature Range (K)            | 3000-15000        | 3000-15000        | 3000-15000        | 3000-15000        | 3000-15000        |
| Viewing Angle (H/V)                    | 175°              | 175°              | 175°              | 175°              | 175°              |
| Contrast Ratio                         | 20000:1           | 20000:1           | 20000:1           | 20000:1           | 20000:1           |
| Operating Voltage (AC V)               | 100-240           | 100-240           | 100-240           | 100-240           | 100-240           |
| Gray Scale (bit)                       | 14                | 14                | 14                | 14                | 14                |

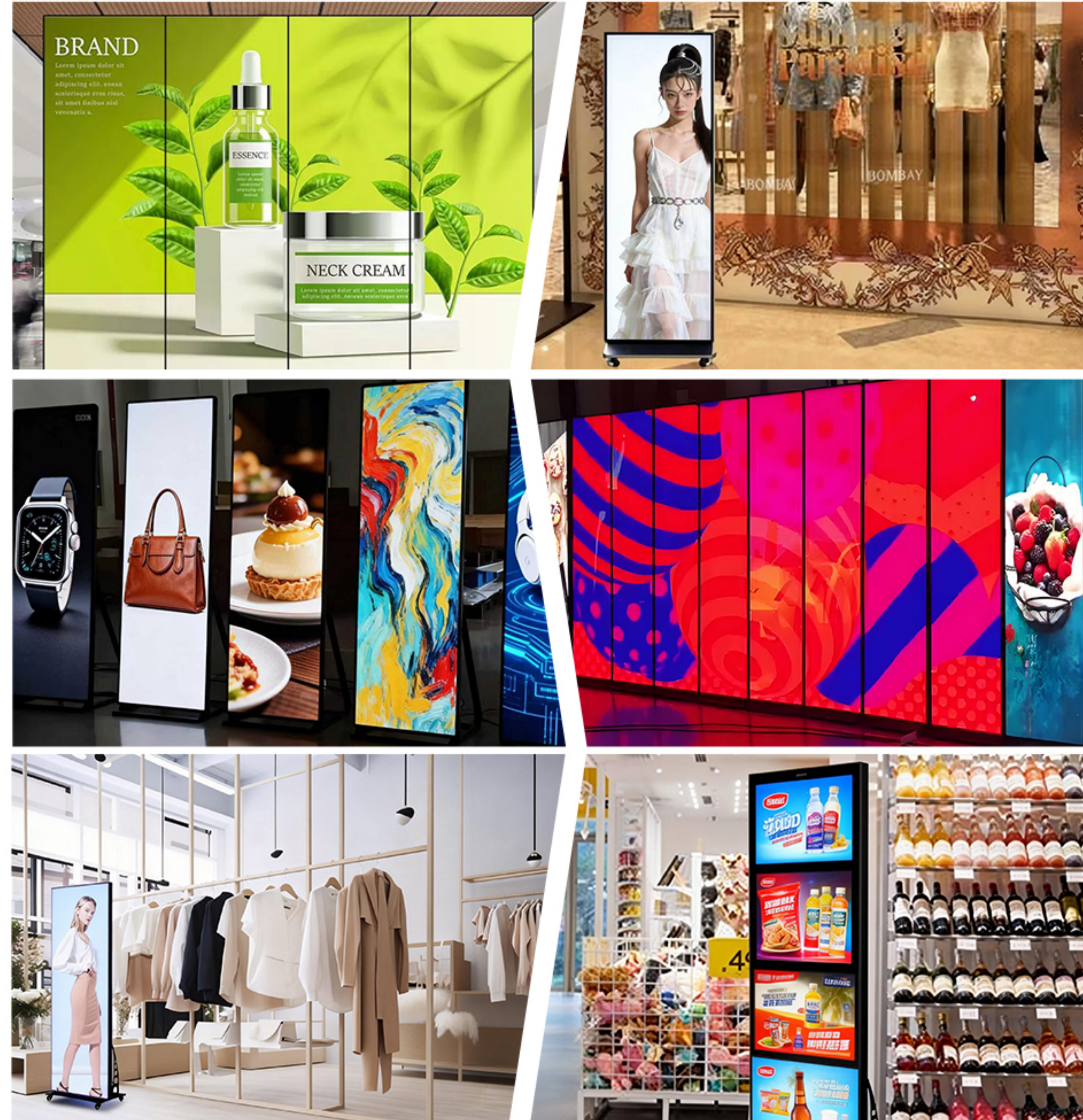


# COB LED Poster Display Application

Shopping malls

Retail stores

Shop windows





# COB Rental LED display



| Parameter                                     | Indoor            | Indoor            | Indoor            | Outdoor           | Outdoor           | Outdoor           |
|-----------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Pixel Pitch                                   | P1.56 (0.78scan)  | P1.95 (0.975scan) | P2.6 (1.3scan)    | P1.56             | P1.95             | P2.6 (1.3scan)    |
| Display Mode                                  | Dynamic Pixel     | Real Pixel        | Dynamic Pixel     | Dynamic Pixel     | Real Pixel        | Dynamic Pixel     |
| Module Size (mm)                              | 250×250           | 250×250           | 250×250           | 250×250           | 250×250           | 250×250           |
| Module Resolution                             | 160×160           | 128×128           | 96×96             | 160×160           | 128×128           | 96×96             |
| Pixel Density (pixels/<br>m <sup>2</sup> )    | 409600            | 262144            | 147456            | 409600            | 262144            | 147456            |
| Cabinet Size (mm)                             | 500×500×73        | 500×500×73        | 500×500×73        | 500×500×73        | 500×500×73        | 500×500×73        |
| Cabinet Weight (kg)                           | 7                 | 7                 | 7                 | 7                 | 7                 | 7                 |
| Cabinet Material                              | Die-cast Aluminum | Die-cast Aluminum | Die-cast Aluminum | Die-cast Aluminum | Die-cast Aluminum | Die-cast Aluminum |
| Flash Correction                              | Supported         | Supported         | Supported         | Supported         | Supported         | Supported         |
| Brightness (nit)                              | 600               | 600               | 600               | 2800              | 3000              | 3000              |
| Refresh Rate (Hz)                             | 3840              | 3840              | 3840              | 3840              | 3840              | 3840              |
| Contrast Ratio                                | 10000:1           | 10000:1           | 10000:1           | 10000:1           | 10000:1           | 10000:1           |
| Lamp Surface IP                               | IP54 (Washable)   | IP54 (Washable)   | IP54 (Washable)   | IP54 (Washable)   | IP54 (Washable)   | IP54 (Washable)   |
| Average Power Consumption (W/m <sup>2</sup> ) | 50                | 50                | 50                | 90                | 90                | 90                |



Easy to Set Up  
Easy to Maintain



High-Definition Display



Energy-Saving  
& Low-Consumption



High Cost -  
Effectiveness



# COB Rental LED display Application

Music Festival

Concert

Bar and Dance Hall







**We Design. We Integrate. We Support.**  
**Your Single Source for Solutions**

**Email: [supervise@chechitech.com](mailto:supervise@chechitech.com)**

**WhatsApp: +86 180 6161 6062**

**Address: Second Floor, Building 1,  
No. 9 Gaohu Road, Jiangning District, Nanjing, Jiangsu, China**

