

Data Sheet

iLED-FMB1.2-COB

Vistrol Gaia Series COB LED Fine Pitch Display Panel

The iLED-FMB1.2-COB-GA features cutting-edge COB (Chip-on Board) technology offering affordable performance for professional requirements.



Features

- High Reliability**
Flip chip technology ensures stable and reliable performance with an extremely low failure rate.
- Extremely Flatness**
Ultra-thin die-cast aluminum alloy cabinet design provides high precision (≤ 0.1 mm) with excellent splicing accuracy and flatness.
- High Definition Quality**
Delivers high definition image quality with vivid and natural color reproduction.
- Ultra High Contrast**
True contrast ratio up to 10,000:1 with better ink consistency for clearer images.
- Super Protection**
Waterproof, dust-proof, anti-static, moisture-proof, mildew-proof, and knock-resistant design.
- Soft Picture**
Surface light source design provides eye-friendly viewing and effectively reduces moire lines.

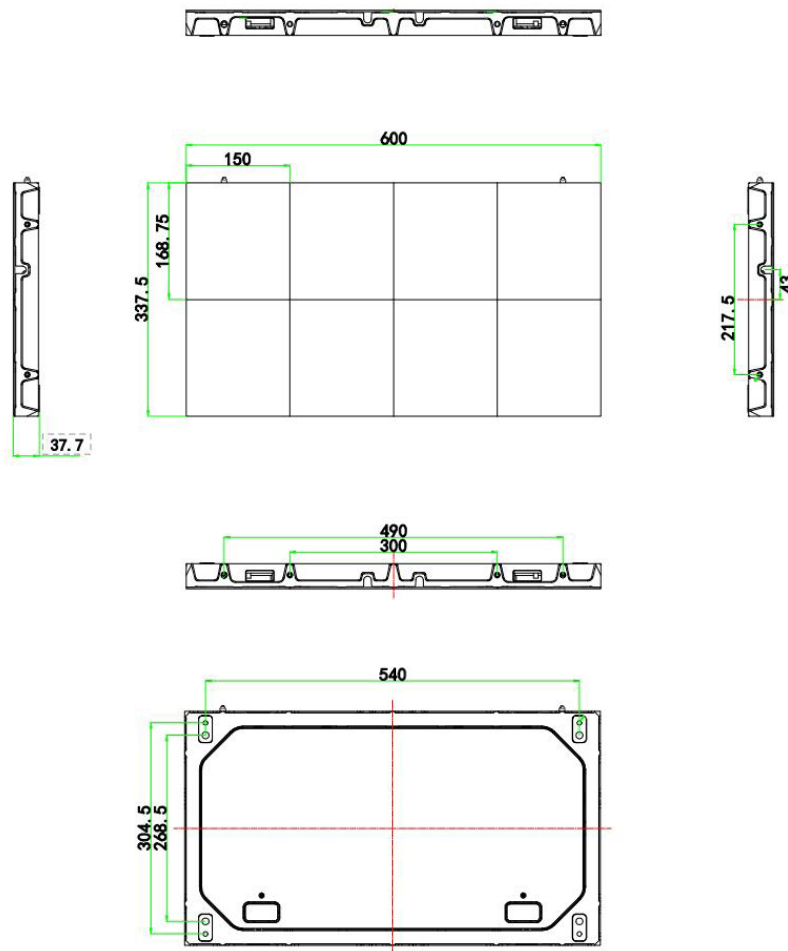
✓ Technical Specifications

| LED MODULE | |
|---------------------------|--|
| Model Number | iLED-FMB1.2-COB-GA |
| Pixel Pitch Exhibited(mm) | 1.25 |
| Unit Plate Size(mm) | 150 x 168.75 |
| LED Type | COB(Flip Chip) |
| Module Size(WxH) | 150 x 168.75 |
| Pixel Per Module(dots) | 120 x 135 |
| Module Weight(kg) | 0.2 |
| Drive Type | 1/60 |
| Module Maintenance | Front |
| Module IP Rating (Front) | IP65 |
| Environment | Indoor |
| Panel Size(mm) | 600 x 337.5 x 37.7 |
| Pixel Per Panel(dots) | 480 x 270 |
| Weight(kg/panel) | 4.5 |
| Material | Die casting aluminum |
| Correction | Yes, the data is stored on the module. |
| Brightness Uniformity | $\geq 97\%$ |
| Chromaticity Uniformity | Within 0.003Cx,Cy |
| Brightness(nits) | 800 |

R01 - V1.9

| | |
|----------------------------|-----------|
| Gray Scale(bit) | 14 |
| Refresh Rate(Hz) | 3840 |
| Color Temperature(K) | 3200~9300 |
| Viewing Angle(H) | 170° |
| Viewing Angle(V) | 160° |
| AC Operating Voltage(V) | 100~240 |
| AC Input Frequency(Hz) | 50/ 60 |
| Power Max.(W/m2) | 375 |
| Operating Temperature (°C) | -10~+40 |
| Operating Humidity(RH) | 10%~90% |
| Storage Temperature(°C) | -40~+60 |
| Storage Humidity(RH) | 10%~60% |
| Power Double Backup | Optional |
| Receiving Card Dual Backup | Optional |
| Installation/Maintenance | Front |

✓ Mechanical Drawing



ISO 9001:2005 Certified Company:

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R01 - V1.9