

Data Sheet

iLED-FMB1.5-COB

Vistrol Gaia Series COB LED Fine Pitch Display Panel

The iLED-FMB1.5-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.

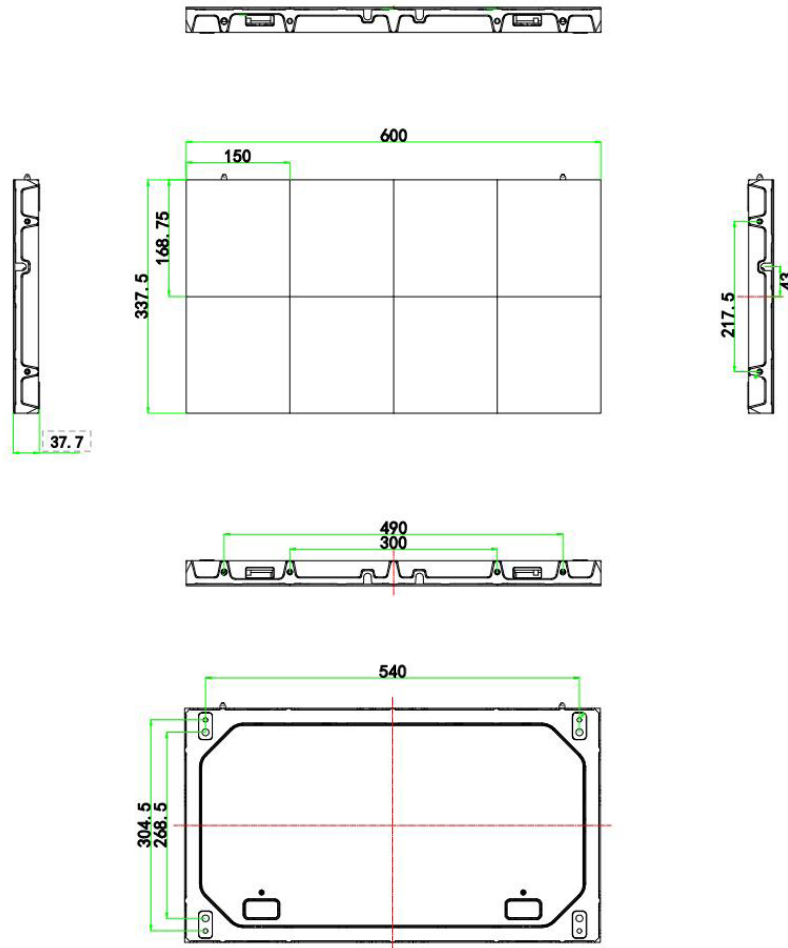
✓ Technical Specifications

LED MODULE	
Model Number	iLED-FMB1.5-COB-GA
Pixel Pitch Exhibited(mm)	1.56
Unit Plate Size(mm)	150 x 168.75
LED Type	COB(Flip Chip)
Module Size(WxH)	150 x 168.75
Pixel Per Module(dots)	96 x 108
Module Weight(kg)	0.2
Drive Type	1/54
Module Maintenance	Front
Module IP Rating (Front)	IP65
Environment	Indoor
Panel Size(mm)	600 x 337.5 x 37.7
Pixel Per Panel(dots)	384 x 216
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

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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)	370
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



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