

## iLED-F1.2COB-GA

Vistrol Gaia Series COB LED Fine Pitch Display Panel

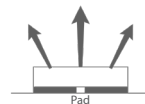
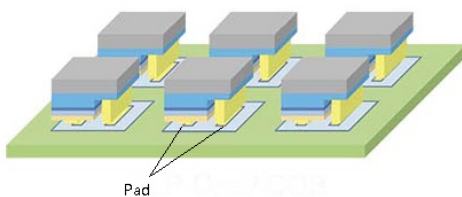
The iLED-F1.2COB-GA features cutting-edge COB (Chip-on-Board) technology offering the best in image quality, durability, and versatility.

### Features

- **Visual Brilliance**  
COB LED displays redefine visual excellence. By integrating LED chips directly on the board, they deliver unmatched image quality and clarity, ensuring your content shines brilliantly.
- **Seamless Design**  
Say goodbye to bezels and gaps. COB technology enables ultra-compact, borderless displays, providing a more immersive viewing experience.
- **Exceptional Durability**  
Built to last, COB LED displays are robust and reliable.
- **Energy Efficiency**  
Enjoy energy savings without compromising on brightness. COB displays are highly efficient, reducing power consumption while maintaining vivid visuals.
- **Versatile Applications**  
From the control room to the meeting room, COB LED displays find their place everywhere. Their flexibility in size, shape, and resolution makes them suitable for various industries and purposes.



### ✓ Flip Chip

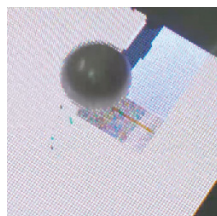


- No Wire Bonding
- High Contrast Ratio
- Blacker and Better Display Effect

### ✓ Anti Collision and Easy Cleaning



Vistrol COB  
After Collision Test  
(>10kg, ~1m Height)



SMD  
After Collision Test  
(>10kg, ~1m Height)



Easy to Clean with Water

✓Extremely Low Pixel Failure Rate



Vistrol COB  
(<10PPM)



SMD  
(>50PPM)

✓Technical Specifications

LED MODULE	
Model Number	iLED-F1.2COB-GA
Pixel Pitch (mm)	1.25
LED Type	COB 1R1G1B (Flip Chip)
Module Size (mm)	300 x 337.5mm
Module Pixel Density	240 x 270dots
Module Weight (kg)	1.05kg
LED PANEL	
Cabinet Size WxHxD(mm)	600 x 337.5 x 40mm
Pixel Density	480 x 270 dots
Material	Die casting aluminum
Cabinet Weight (kg)	5.4kg
Viewing Angle H°/V°	165°/140°
PHOTOELECTRONIC PARAMETERS	
Brightness (nit)	800 cd/m <sup>2</sup>
Greyscale	13bits
Refresh Rate (hz)	3840hz
Color Temperature (K)	3200~9300K
APPLICATION	
AC Operating Voltage	100~240 V
AC Input Frequency	50/ 60 Hz
Power Consumption (Max./Avg.)	230 W/m <sup>2</sup>
MTBF	>100,000hrs
Storage Temperature (°C)	-40~+60 °C
Operating Temperature(°C)	-10~+40 °C
Storage Humidity (RH)	10%~90%
Operating Humidity (RH)	10%~90%
IP Rating (Front/Rear)	IP65 / IP30
Panel Maintenance Type	Front Maintenance
Panel Installation Type	Front Installation
Redundant Power Supply	Optional

Vistrol

Singapore | Malaysia

w www.vistrol.com  
e sales@vistrol.com

ISO 9001:2005 Certified Company:



\* For any enquiry , please send email to sales@vistrol.com

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