

COMET-G SERIES

Indoor Fine Pitch LED Display



The COMET-G Series from Aura Vision sets a new standard for visual excellence, combining cutting-edge Mini LED and SMD technology with GOB (Glue on Board) for unparalleled image quality and durability

OVERVIEW & APPLICATIONS

- **Mini LED & SMD Technology with GOB:**
 - Experience superior brightness, contrast, and color accuracy, thanks to the advanced Mini LED and SMD technology with GOB.
 - Enjoy peace of mind with the COMET-G Series' built-in front protection layer, safeguarding your display from scratches, dust, and other environmental elements.
- **High-Quality Image:**
 - Immerse yourself in stunning visuals with the COMET-G Series' exceptional image quality, featuring vibrant colors, deep blacks, and sharp details.
- **24/7 Operation:**
 - Designed for continuous operation, the COMET-G Series is ideal for demanding applications that require reliable performance around the clock.
 - Ensure uninterrupted operation with the COMET-G Series' full redundancy for both power and signal, providing a fail-safe solution.
- **16:9 Aspect Ratio Panel:**
 - The COMET-G Series' 16:9 aspect ratio panel is perfect for a wide range of applications.
- **Full Front Installation and Maintenance:**
 - Access and maintain your display easily with front-facing installation and maintenance capabilities.
- **Applications:**
 - Control Room
 - Corporate
 - Healthcare
 - Museums

SPECIFICATIONS

MODEL	COMET-G 0.9	COMET-G 1.2	COMET-G 1.5	COMET-G 1.8	COMET-G 2
Pixel pitch	0.93 mm	1.25 mm	1.56 mm	1.87 mm	2.34 mm
Pixel density	1,137,778 px/m ²	640,000 px /m ²	409,600 px/m ²	284,444 px/m ²	182,030 px/m ²
LED Technology	SMD Mini 4-in-1 GOB	SMD 3-in-1 GOB	SMD 3-in-1 GOB	SMD 3-in-1 GOB	SMD 3-in-1 GOB
Module size	150 x 168.75 x [5.9 x 6.6 in]				
Module resolution	160 x 180 px	120 x 135 px	96 x 108 px	80 x 90 px	64 x 72 px
Panel size	600 x 337.5 x 37 mm • [23.6 x 13.2 x 1.46 in]				
Panel resolution	640 x 360 px	480 x 270 px	384 x 216 px	320 x 180 px	240 x 135 px
Display area	0.20 m ² • [2.17 sq ft]				
Weight	4.8 kg (±0.1) • [10.6 lbs (±0.2)] /panel				
Housing material	Die-casting aluminum				
Ingress protection	IP52 (front)				
Operation brightness	≥600 nits	≥660 nits	≥660 nits	≥660 nits	≥660 nits
Brightness uniformity	≥98%				
Calibration	Brighthness • Chroma				
Refresh rate	≥3,849 Hz				
Color temperature	2,000 K ~ 15,000 K				
Color gamut	≥96.37%				
Color format	8-bit • 10-bit • 12-bit				
Viewing angle	Horizontal: 160° • Vertical: 160°				
Contrast ratio	10,000:1	8,000:1	8,000:1	8,000:1	8,000:1
Gray scale	14-bit • 16-bit				
Frame frequency	50Hz • 60 Hz • 120 Hz				
Max power consumption	≤600 W/m ²				
Avg power consumption	≤400 W/m ²				
Max heat dissipation	≤2,051 BTU/hr/m ²				
Avg heat dissipation	≤1,367 BTU/hr/m ²				
Working voltage	100V ~ 240V • 50 ~ 60 Hz				
Operating temperature	-20°C ~ 50°C • [-4°F ~ 122°F]				
Operating humididy	10% RH ~ 90% RH				
Redundancy	Power • signal				
LED lifetime	100,000 hours				
Serviceability	Full front installation & maintenance				
Warranty	2 years standard • 5 years extended				
Certifications	CB • CE-EMC • CE-LVD • ROHS10 • Blue Light • Photo-Biological Safety				