

A vertical streak of light, representing a comet, descends from the top center of the frame. The background is a dark, starry sky filled with numerous small white dots of varying brightness. The comet's tail is a bright, glowing orange-yellow line that tapers as it moves downwards.

COMET SERIES

Comets are cosmic snowballs of frozen gases, rock, and dust that orbit the Sun.

COMET-G

A dark, rocky landscape with jagged, dark grey rock formations in the background. In the foreground, there is a long, low, dark structure that looks like a fence or a low wall, stretching across the bottom right of the frame. The ground is covered in dark, textured material, possibly dust or small rocks.

AURA VISION

COMET-G SERIES

Indoor Fine Pitch LED Display



OVERVIEW & APPLICATIONS

COMET series is our solution for high quality and high resolution products. The COMET series are specifically designed for 24/7 operation over critical environments such as Command & Control Centre, TV studios, Board meeting rooms and other environment that require the most accurate image resolution and quality.

The COMET series are available in four variants:

- COMET-G
- COMET-C
- COMET-CV
- COMET-E

The COMET-G series is using mini-LED and SMD LED technology with GOB protection guaranteeing a high level of protection for the LED modules.

COMET-G comes with a 3 year warranty period with optional View Care contract up to 5 years.

FEATURES

- 27" tiles in 16:9 aspect ratio with a pixel-pitch ranging from 0.9mm to 2.0mm to precisely achieve HD / FHD / 4KUHD / 8KUHD.
- Seamless, frame-less and fan-less with low noise operation.
- Premium image quality and viewing experience $\geq 160^\circ$ H/V.
- Innovative current distribution with energy saving $\leq 200\text{W}/\text{m}^2$.
- Excellent heat dissipation performance.
- High-strength aluminium alloy housing, light weight and non deformable, hassle-free installation.
- Light and thin, 7kg/cabinet with 37.5 mm depth.
- Easy and fast maintenance, X/Y/Z 6-axis alignment with high accuracy to guarantee real seamless assembling and easy connection without cable.
- Front installation and service.
- High refresh rate (3840~7680Hz).
- High contrast ratio up to 16-bit Gray-scale level.
- Rec. 709+ correct colours and colour accuracy.
- Support HDR* function.
- Support redundant dual backup power and data.
- Intelligent pixel-pixel colour calibration.
- Blue light reduction.
- GOB protective coat.

SPECIFICATIONS



AURA VISION

MODEL	COMET-G 0.9	COMET-G 1.2	COMET-G 1.5	COMET-G 1.8	COMET-G 2.0
Pixel pitch (mm)	0.9375	1.25	1.56	1.875	2.34
LED Technology	Mini 4-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
Module size (mm)	150×168.75	150×168.75	150×168.75	150×168.75	150×168.75
Module resolution (px)	160×180	120×135	96×108	80×90	64×72
Cabinet size (mm)	600×337.5×37	600×337.5×37	600×337.5×37	600×337.5×37	600×337.5×37
Cabinet resolution (px)	640×360	480×270	384×216	320×180	256×144
Weight/cabinet	7 kg / 15.4 lbs	7 kg / 15.4 lbs	7 kg / 15.4 lbs	7 kg / 15.4 lbs	7 kg / 15.4 lbs
Refresh rate (Hz)	≥3840 ~ 7680	≥3840	≥3840	≥3840	≥3840
Brightness (nits)	600	800	800	800	800
Brightness uniformity	≥98%	≥98%	≥98%	≥98%	≥98%
Contrast	>8,000:1	>8,000:1	>8,000:1	>8,000:1	>8,000:1
Viewing angle (H/V)°	H: ≥160° V: ≥160°	H: ≥160° V: ≥160°	H: ≥160° V: ≥160°	H: ≥160° V: ≥160°	H: ≥160° V: ≥160°
Power consumption (W/m ²)	≤200 (typ.) ≤600 (max.)	≤200 (typ.) ≤600 (max.)	≤200 (typ.) ≤600 (max.)	≤200 (typ.) ≤600 (max.)	≤200 (typ.) ≤600 (max.)
Heat dissipation (BTU/hr/m ²)	≤685 (typ.) ≤2045 (max.)	≤685 (typ.) ≤2045 (max.)	≤685 (typ.) ≤2045 (max.)	≤685 (typ.) ≤2045 (max.)	≤685 (typ.) ≤2045 (max.)
Working voltage	100V ~ 240V 50~60Hz	100V ~ 240V 50~60Hz	100V ~ 240V 50~60Hz	100V ~ 240V 50~60Hz	100V ~ 240V 50~60Hz
Operating temp	-10°C ~ 40°C	-10°C ~ 40°C	-10°C ~ 40°C	-10°C ~ 40°C	-10°C ~ 40°C
Operating humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
LED lifetime (hours)	100,000	100,000	100,000	100,000	100,000
Serviceability	Full front service				
Warranty	2 Year for copper wiring, 3 Years for gold wiring / 5 Years extended				
Ergonomics	"Blue light reduction" to reduce eye fatigue after long continuous watching.				