

GEMINI SERIES

VUEPIX
INFILED



GEMINI SERIES

ENGINEERED TO FLOAT WITHIN THE ARCHITECTURE

GEMINI SERIES

ENGAGE EVERY DIRECTION.

Two Sides. Double the Impact.

People, information and movement flow through modern public spaces from every direction. Digital communication should do the same.

Traditional single-sided displays often fail to maximise audience engagement in large concourses, transit hubs, retail precincts and public venues, where visibility is limited to only one viewing direction. GeminiLED addresses this challenge with an ultra-slim dual-sided architecture, enabling content to be displayed simultaneously on both faces of a single installation.



**Ultra-Slim Design.
Minimal Visual Footprint.**

By transforming one display into a two-way digital communication platform, GeminiLED delivers greater audience reach, improved content visibility and enhanced operational efficiency, while integrating seamlessly into contemporary architectural environments.

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LIGHTWEIGHT CONSTRUCTION.

Exceptional Structural Efficiency.

The cabinet structure combines a high-strength aluminium alloy frame with a precision-engineered magnesium alloy rear assembly, delivering outstanding rigidity while significantly reducing overall weight. This advanced material composition minimises load requirements on ceiling mounts and supporting structures, making GeminiLED ideal for installations where weight and structural efficiency are critical considerations.



**Ultra-slim cabinet
depth of just 25.5mm**

> **Elegant Architectural Integration**

GeminiLED integrates elegantly into open architectural environments, preserving sightlines and minimising visual intrusion. The slim form factor allows the display to blend naturally into overhead spaces while maintaining exceptional image performance across both display surfaces.

> **Ultra-Lightweight Design**

Each dual-sided cabinet weighs only 7.7kg, resulting in a complete 2K dual-sided display assembly of just 31kg.

> **Simplified Installation Process**

The lightweight design simplifies transportation, handling and installation while reducing mounting complexity and long-term structural loading requirements.

> **Reliable Cost Efficiency**

The result is a display solution that offers greater installation flexibility, improved safety margins and reduced infrastructure costs without compromising performance or reliability.

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PRECISION IMAGE PROCESSING. WIDE-ANGLE COLOUR CONSISTENCY.

Advanced image processing technology delivers exceptional visual performance, reproducing intricate detail, smooth gradients and accurate colour transitions.

Supporting resolutions up to 4K, the 16:9 native aspect ratio ensures compatibility with standard content formats while maintaining pixel-perfect image quality across both display surfaces.

➤ **Engineered for Elevated Installations**

GeminiLED supports suspended installations of up to 10.8 metres, making it ideally suited to airports, transport interchanges, retail centres and other large public venues where visibility and architectural integration are paramount.

Its lightweight dual-sided design reduces structural loading requirements while maintaining exceptional stability and visual performance at scale.



DUAL-SIDED CONTENT CONTROL

One display. Two communication channels.

Each display face operates independently, allowing content to be tailored to different audience groups, viewing directions or operational requirements.

Whether displaying identical content on both sides or delivering unique messaging to separate audiences, GeminiLED provides complete flexibility through synchronised or independent playback modes.



SOLIDSKIN PROTECTION TECHNOLOGY

SolidSkin technology introduces a protective layer that shields the LED surface from accidental impact and daily wear while improving overall panel flatness and visual uniformity.

The result is a more durable display solution with increased resistance to damage, reduced maintenance requirements and consistently superior image quality throughout its operational life.



COLDLED TECHNOLOGY

Lower Temperatures. Greater Efficiency.

ColdLED technology optimises thermal performance by reducing operating temperatures and lowering overall power consumption without compromising brightness or image quality.

By minimising heat generation, the system maintains stable performance during continuous operation while extending component lifespan and improving overall energy efficiency.

➤ Optimised for High-Brightness Public Spaces

From skylights and glass facades to brightly illuminated concourses, public environments present challenging lighting conditions for digital displays.

Delivering brightness levels of up to 3,500 nits, GeminiLED ensures vibrant, high-contrast imagery in demanding indoor environments. Combined with a 7,680Hz refresh rate, content remains smooth, stable and flicker-free, providing an exceptional viewing experience for both live audiences and camera-based applications.

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5G INTELLIGENT SIGNAL & CONTROL ARCHITECTURE

Faster Setup. Simpler Maintenance.

The integrated signal and control system has been engineered to simplify setup while ensuring stable and reliable operation throughout the display's lifecycle.

Internal electronic modules can be accessed and replaced independently, allowing technicians to perform maintenance quickly and efficiently without affecting adjacent components. The result is reduced downtime, simplified servicing and lower long-term operational costs.

Easy Maintenance Access

To minimise service disruption and simplify maintenance procedures, critical components including power supplies, HUB boards and receiving cards can be accessed directly from the front of the display.



Easy Maintenance Access

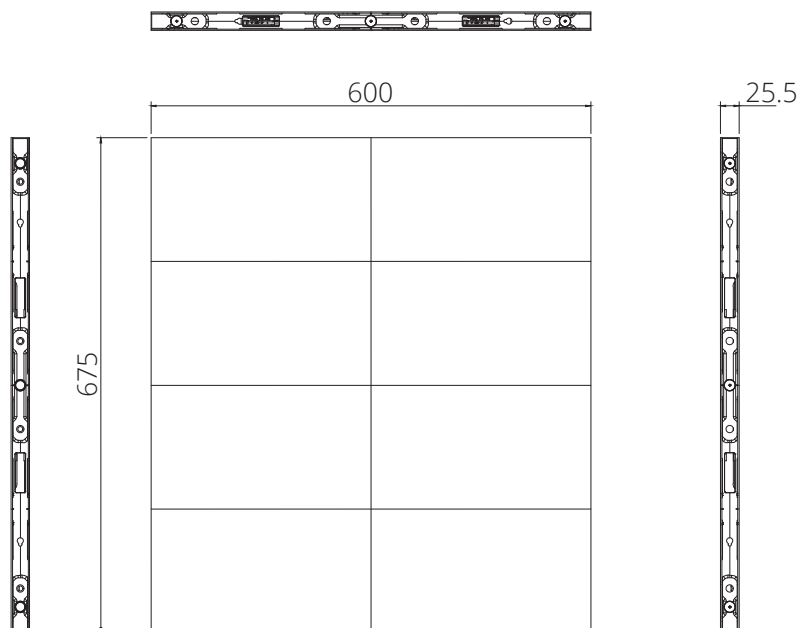
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Faster Deployment. Simplified Serviceability.

Lightweight construction, flexible mounting options and front-serviceable components combine to minimise labour requirements, reduce installation time and simplify ongoing maintenance in demanding public-space environments.

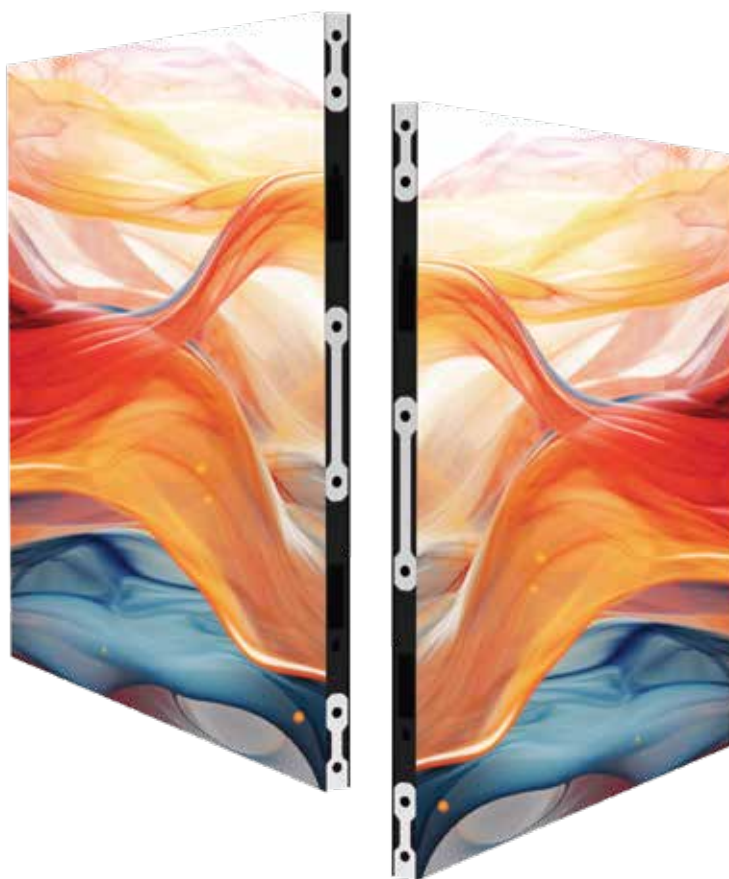


PRODUCT DIMENSIONS



SPECIFICATIONS

Model	GEMINI Indoor P1.56	GEMINI Indoor P2.5
Series	GEMINI	GEMINI
Pixel Pitch (mm)	1.56 mm	2.5 mm
Environment	Indoor	Indoor
LED Configuration	MIP0606	3IN1 SMD
Max Brightness	1,600 nits	600 nits
Refresh Rate	7,680 Hz	3,840 Hz
Viewing Angle	170 / 170	160 / 160
Cabinet Weight	7.70 kg/cabinet	8.18 kg/cabinet
Dimensions Width (mm)	600 mm	600 mm
Dimensions Height (mm)	675 mm	675 mm
Dimensions Depth (mm)	25.5 mm	27 mm
Cabinet Resolution	384 x 432 Pixels	120 x 135 Pixels
Max Power Consumption / m ²	790 W/m ²	548 W/m ²
Avg Power Consumption / m ²	265 W/m ²	182 W/m ²
Max Power Consumption / Panel	320 W/panel	222 W/panel
Avg Power Consumption / Panel	107 W/panel	74 W/panel
Transparency	N/A	N/A
Curving	N/A	N/A
Operating Power Source	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz
Operating Temperature	-10°C ~ +45°C	-10°C ~ +45°C
Ingress Protection	IP30	IP30
Verification	CE, ETL, CB, RoHS, REACH	CE, ETL, CB, RoHS, REACH
Application	Install	Install



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Contact our VuePix Infiled experts to discuss your next project

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REDEFINING TECHNOLOGY IN EVERY PIXEL