VUEPIX INFILED



WK SERIES

ULTRA-LIGHT. ENERGY-EFFICIENT. ENGINEERED FOR PRECISION.

ENGINEERED FOR PRECISION

Fine-Pitch LED for Spaces That Connect and Inspire

WK Series is a fine-pitch LED display engineered for permanent indoor installations, bringing exceptional image clarity, reliable performance and energy efficiency to corporate, retail and education environments.

With pixel pitches from 0.9 to 2.5 mm and a native 16:9 cabinet format, WK supports clean 2K, 4K and 8K configurations, delivering sharp detail for boardroom presentations, engaging retail content and immersive learning experiences.

Lightweight in construction and efficient in operation, WK integrates seamlessly into boardrooms, corporate reception areas, retail spaces and educational facilities, creating vibrant visual experiences that strengthen communication, showcase brands and bring ideas to life.

WK SERIES



30mm Slim Cabinet Profile
160° Wide Viewing Angle

SPECIFICATIONS

Pixel Pitch: 0.9mm > 2.5mm
Brightness: up to 700 nits
Cabinet Size: 600mm W x 337.5mm H

- Fine-Pitch Close Viewing
- Native 16:9 Design
- Ultra-Light Cabinet Construction
- Low Power Consumption

Light
Ultra HD
Easy Service
Thin

FINE-PITCH CLARITY

Designed for professional indoor environments, WK delivers high-resolution fine-pitch imaging in a scalable cabinet format, maintaining visual consistency across a wide range of display sizes.

160° wide viewing angle

A 160° viewing angle maintains consistent colour, brightness and image quality across wide seating arrangements and multi-viewer indoor environments.

Native 16:9 cabinet format

A true 16:9 cabinet design enables clean scaling into 2K, 4K and 8K display configurations while maintaining balanced proportions across different screen sizes.

The standardised format eliminates irregular cabinet layouts and unnecessary image scaling, helping large-format displays remain visually consistent and structurally efficient.



2K 1920×1080 4K 3840×2160 8K 7680×4320 16:9



Fine-pitch resolution for close viewing

Available from 0.9 mm to 2.5 mm pixel pitches, WK is engineered for applications where viewers are positioned close to the display, preserving exceptional clarity for text, data visualisation and detailed graphics.

INSTALLATION AND MAINTENANCE, SIMPLIFIED

WK is designed to minimise installation complexity while simplifying routine servicing throughout the product lifecycle.



Front-access maintenance

Modules can be removed from the front using a vacuum service tool, allowing maintenance where rear access is limited or unavailable.

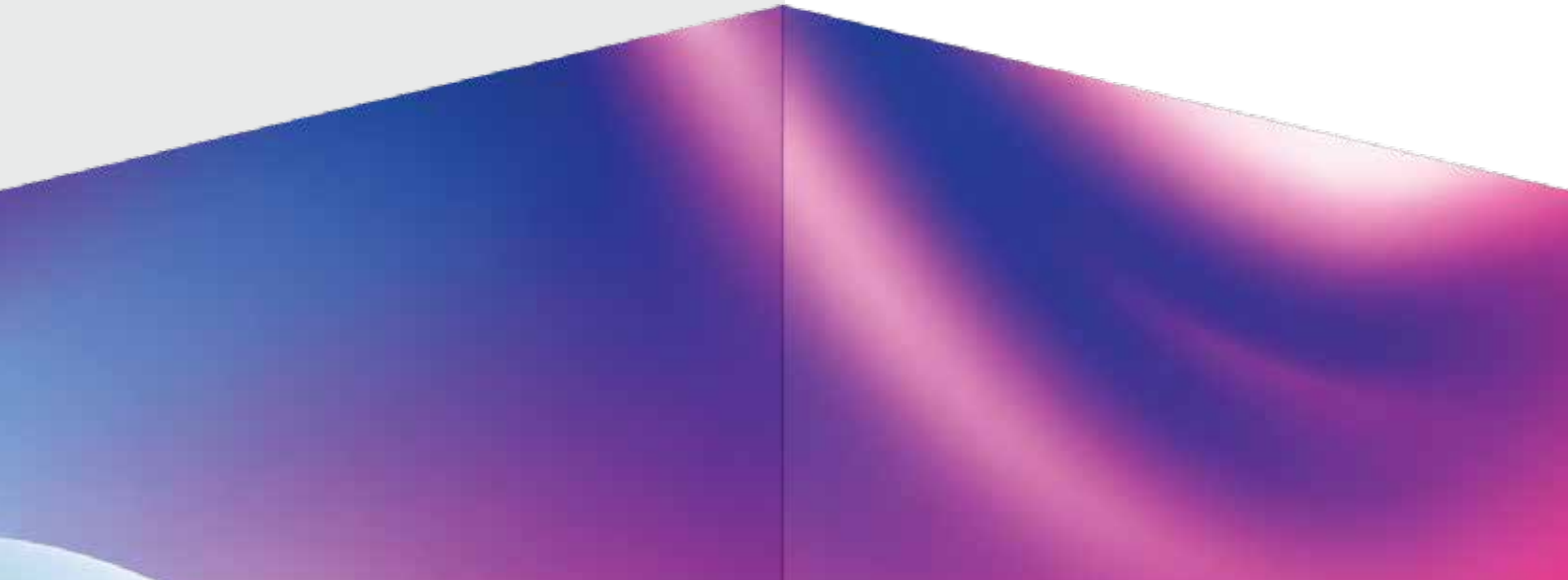
Faster and smarter installation

WK Series modules connect directly to the frame without external cabling, making installation quick, easy and efficient, with a clean, neat finish.

Mobile display

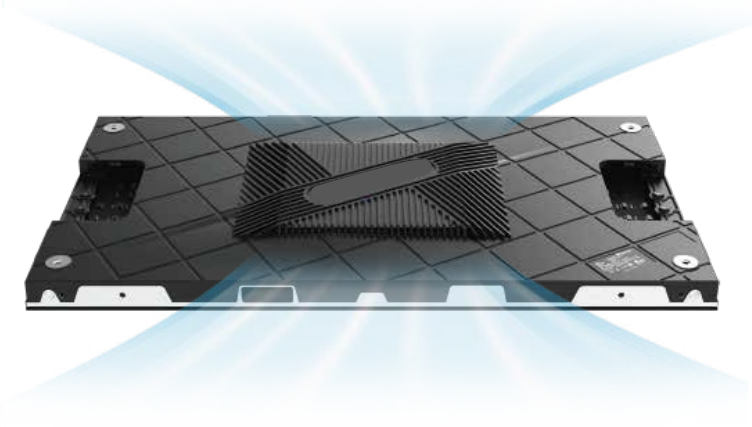
WK can also be configured as a mobile display, providing a flexible solution for collaboration spaces, meeting rooms and presentation environments requiring screen mobility.

90˚ Right Angle Splicing for seamless, visually striking LED corner displays.



CONSISTENT PERFORMANCE. LONG-TERM RELIABILITY.

In fine-pitch LED systems, long-term consistency defines overall performance. WK combines Flip-Chip COB architecture with efficient thermal management and reinforced surface protection to maintain image integrity and operational reliability throughout years of continuous indoor use.



Flip-Chip COB Design

WK incorporates Flip-Chip COB technology to improve thermal transfer and support stable fine-pitch performance.

Excellent cooling

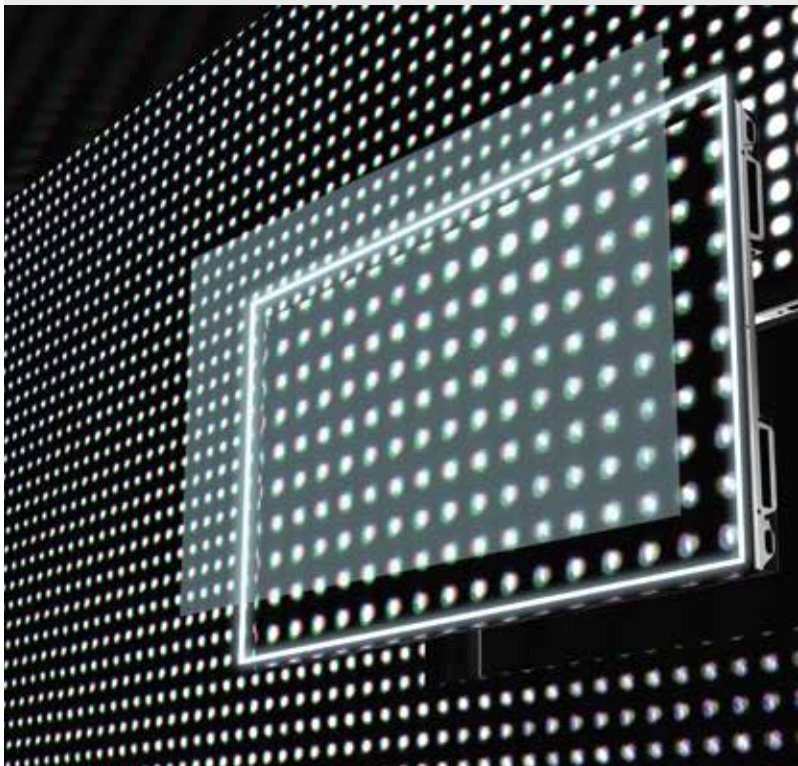
Rapid cooling in the central control, with improved cooling efficiency and a longer lifespan of the display.

SolidSkin Technology

SolidSkin provides an integrated protective surface layer across the LED face, increasing durability while creating a smoother, cleaner and more uniform display surface.

- Resistant to moisture and dust.
- Greater resistance to incidental surface impact.
- Helps minimise moiré while preserving uniform appearance in camera-facing environments.

The protective layer simplifies long-term maintenance while preserving consistent visual performance.



LIGHTWEIGHT BY DESIGN

In permanent indoor installations, structural efficiency is as important as visual performance. WK features a lightweight, slim cabinet that reduces structural loading while maintaining a clean, unobtrusive appearance within professional environments.



Ultra-light cabinet weight

Each cabinet weighs a maximum of 4.9 kg, reducing wall loading and supporting structures while simplifying installation and handling.

Slim profile for close-wall installation

An edge thickness of approximately 30 mm, with an overall installed depth of around 37 mm using the slim mounting bracket, allows displays to sit close to the wall with minimal visual intrusion.

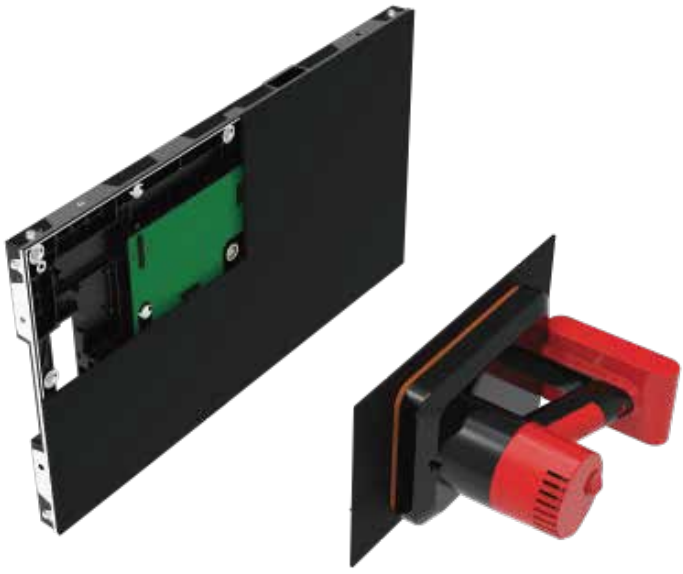
The reduced weight and shallow profile simplify structural integration in fixed indoor installations.

EFFICIENT OPERATION. CONTINUOUS PERFORMANCE.

For installations operating continuously throughout the day, WK is engineered to deliver reliable, energy-efficient performance.

Stable thermal performance

An optimised internal architecture promotes effective heat dissipation, supporting stable performance during extended operating times.



Low power consumption

WK is engineered for low operating power, helping reduce energy consumption across long-duration indoor installations.

SPECIFICATIONS

Model	WK Indoor P0.9	WK Indoor P1.2	WK Indoor P1.5
Series	WK	WK	WK
Pixel Pitch (mm)	0.9 mm	1.2 mm	1.5 mm
Environment	Indoor	Indoor	Indoor
LED Configuration	Flip Chip COB	Flip Chip COB	Flip Chip COB
Max Brightness	600 nits	600 nits	600 nits
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Viewing Angle	160° / 160°	160° / 160°	160° / 160°
Cabinet Weight	3.4 kg	3.4 kg	3.4 kg
Dimensions Width (mm)	600 mm	600 mm	600 mm
Dimensions Height (mm)	337.5 mm	337.5 mm	337.5 mm
Dimensions Depth (mm)	32.3 mm	32.3 mm	32.3 mm
Cabinet Resolution	640 x 360 Pixels	480 x 270 Pixels	384 x 216 Pixels
Max Power Consumption / Panel	71 W/panel	58 W/panel	61 W/panel
Avg Power Consumption / Panel	24 W/panel	19 W/panel	20 W/panel
Operating Power Source	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz
Operating Temperature	−10°C ~ +45°C	−10°C ~ +45°C	−10°C ~ +45°C
Ingress Protection	IP30	IP30	IP30
Verification	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL	CE, FCC, RoHS, ETL
Application	Install	Install	Install

Model	WK Indoor P1.8	WK Indoor P2.5
Series	WK	WK
Pixel Pitch (mm)	1.8 mm	2.5 mm
Environment	Indoor	Indoor
LED Configuration	3 IN 1 SMD	3 IN 1 SMD
Max Brightness	700 nits	600 nits
Refresh Rate	3,840 Hz	3,840 Hz
Viewing Angle	160° / 160°	160° / 160°
Cabinet Weight	4.9 kg	4.9 kg
Dimensions Width (mm)	600 mm	600 mm
Dimensions Height (mm)	337.5 mm	337.5 mm
Dimensions Depth (mm)	29.5 mm	29.5 mm
Cabinet Resolution	320 x 180 Pixels	240 x 135 Pixels
Max Power Consumption / Panel	96 W/panel	84 W/panel
Avg Power Consumption / Panel	32 W/panel	28 W/panel
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, RoHS, FCC, ETL, REACH	CE, RoHS, FCC, ETL, REACH
Application	Install	Install

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Contact our VuePix Infiled experts to discuss your next project

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