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Screen your dreams



MVmk2

SERIES

More brightness and durability for DOOH

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HIGH-BRIGHTNESS, EASY-TO-INSTALL, AND ENERGY-EFFICIENT OUTDOOR DISPLAYS

The MVmk2 series is a lightweight yet robust, high-performance LED solution for outdoor installations, ideal for applications such as city squares, commercial pedestrian zones, and transportation hubs.

Its slim aluminum profile frame ensures durability against UV exposure, temperature fluctuations, vibrations, and harsh weather. With high brightness, a high refresh rate, and high contrast, it guarantees vivid image quality under any lighting conditions, making it a reliable choice for DOOH applications.

◆ **High-Brightness**

SUPERIOR IMAGE QUALITY IN THE MOST CHALLENGING ENVIRONMENTS

High brightness, a high refresh rate, and high contrast enable the MV series to display brilliant and vivid images under any outdoor lighting conditions. With an exceptional brightness and contrast ratio of up to 10000 nits, it ensures outstanding display quality.



◆ **Energy-Efficient**

OUTSTANDING ENERGY-SAVING PERFORMANCE

The MVmk2 series features a superior heat dissipation system and enhanced energy efficiency, achieving a remarkable 16% reduction in average power consumption



◆ **High-Protection**

ENGINEERED TO WITHSTAND ALL WEATHER CONDITIONS

Front and rear IP65 waterproof levels ensure smooth and reliable operation under variable and extreme weather conditions.



◆ **Enhanced durability**

STRONGER REINFORCED 2-LAYER FRAME

The cabinet frame is constructed from aluminum profiles, ensuring strength and durability.

The MVmk2 series provides enhanced resistance to lateral deformation, resulting in a sturdier and more robust structure capable of withstanding external forces. Additionally, its H-shaped frame design significantly enhances the cabinet's overall flatness and structural integrity



IMPROVED INSTALLATION AND MAINTENANCE EFFICIENCY

The MVmk2 series modules feature a newly designed Y-type quick-lock structure, enabling secure attachment to the frame with just two screws.

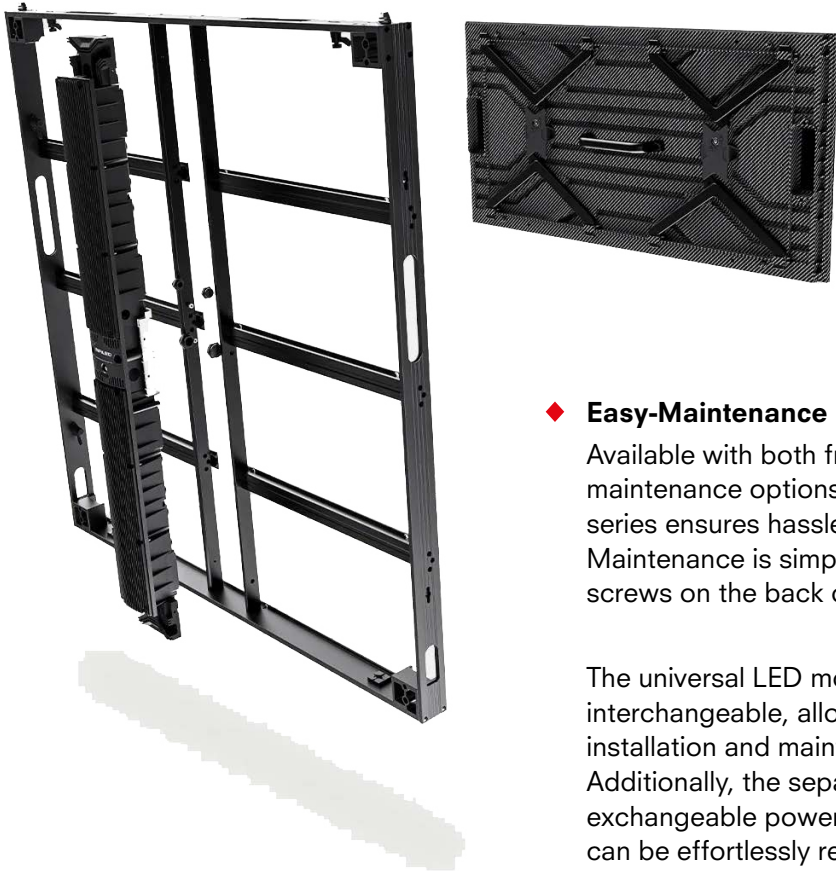
Using a quick-release tool, individual modules can be easily removed by unscrewing the screws in just 10 seconds, significantly speeding up the process of replacing faulty modules



◆ **Thin and lightweight design**
An improved, lighter design eliminates unnecessary hardware elements, while the use of lightweight aluminum profiles for the cabinet frame ensures ease of mobility.

◆ **Fast-Installation**
An optional quick installation system ensures efficiency, speed, and precision.

It features a unique hook system for easy assembly of individual components and is equipped with customized special buckles for fast and secure wall mounting.



◆ **Easy-Maintenance**
Available with both front and rear maintenance options, the MVmk2 series ensures hassle-free servicing. Maintenance is simplified by removing screws on the back of the modules.

The universal LED modules are interchangeable, allowing for easy installation and maintenance. Additionally, the separate and exchangeable power and data units can be effortlessly removed for servicing and repair.



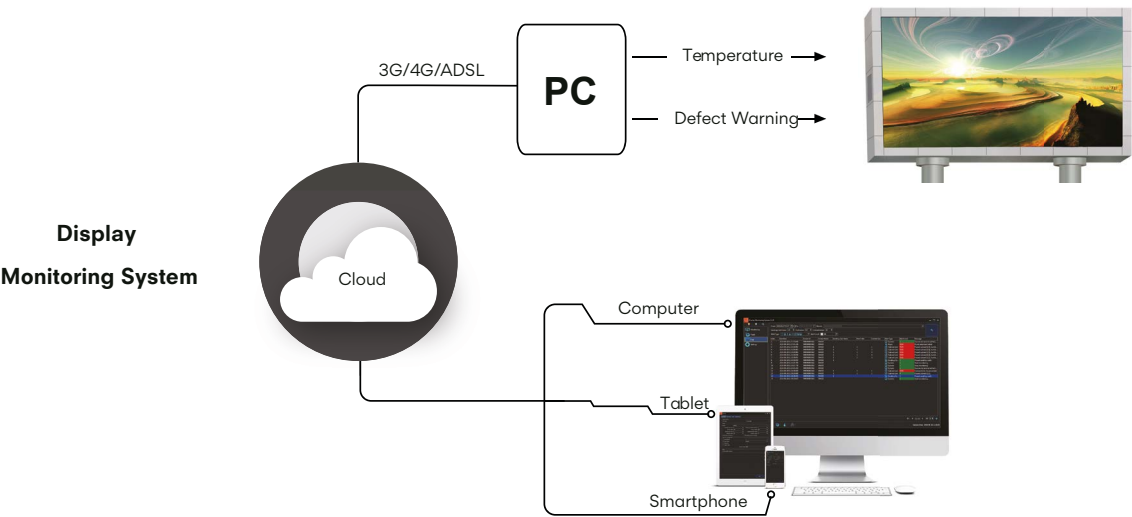
MANAGE YOUR CONTENT

Global Display Monitoring System (DMS) allows remote live monitoring of the screen’s key working conditions and functionality.

Smart Management Solutions

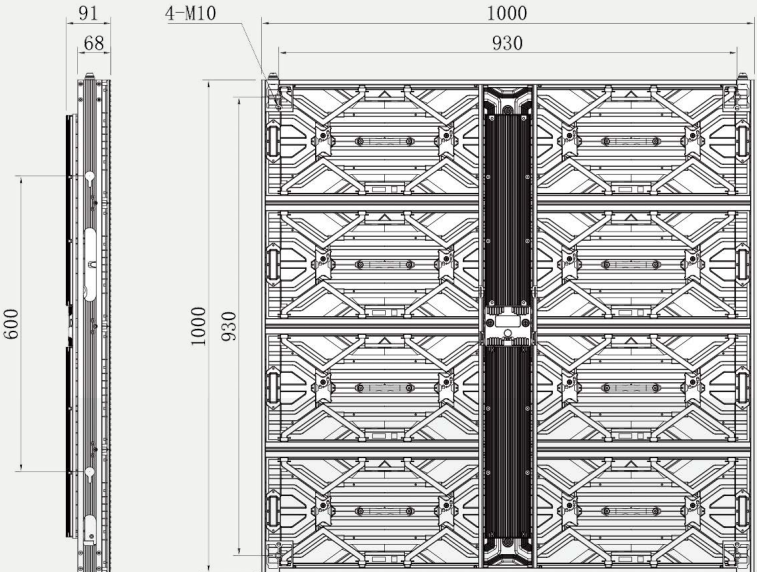
Requiring only a standard internet connection, the system allows operators to log in remotely and monitor live screen conditions, including temperature and power supply.

A built-in light-controlling sensor enables automatic brightness adjustment for day and night, offering an optimal energy-saving solution.



The product specifications can be customized.

SPECIFICATIONS



MVmk2 Specification

	Model Number	MV10.41mk2-Lite	MV10.41mk2-Pro	MV10.41mk2-Plat
General Information	Pixel Pitch	10.41mm	10.41mm	10.41mm
	Environments	Outdoor	Outdoor	Outdoor
	Physical Density	9,216 pixels/m²	9,216 pixels/m²	9,216 pixels/m²
Physical Parameter	LED Arrangement	SMD2727 black frame LED copper wire	SMD2727 black frame LED	SMD2727 black frame high brightness LED
	Cabinet Resolution	96 x 96 pixels	96 x 96 pixels	96 x 96 pixels
	Cabinet Dimensions (mm/inch)	1000 x 1000 x 93 mm (39.37 x 39.37 x 3.66 in)	1000 x 1000 x 93 mm (39.37 x 39.37 x 3.66 in)	1000 x 1000 x 93 mm (39.37 x 39.37 x 3.66 in)
	Cabinet Weight (Unit case/Square meter)	22kg (48.50lb)	22kg (48.50lb)	22kg (48.50lb)
	Maintenance	Front & Rear	Front & Rear	Front & Rear
Optical Parameter	Cabinet Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
	Brightness (After Calibration)	6000nits	7000nits	10000nits
	Viewing Angle	160° / 130°	160° / 130°	160° / 130°
	Contrast Ratio	5000:1	5000:1	5000:1
	Color Temperature	6500K (3500K-9000K adjustable)	6500K (3500K-9000K adjustable)	6500K (3500K-9000K adjustable)
Control System	Greyscale	16bit	16bit	16bit
	Refresh Rate	7680Hz	7680Hz	7680Hz
	Receiving Card	A5s Plus	A5s Plus	A5s Plus
	Scan Rate	1/4	1/4	1/4

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PIXEL PITCH	10.41mm
BRIGHTNESS	6000-10000nits
SCREEN SIZE	1000x1000x93mm
IN/OUT	OUTDOOR

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