

# INFILED

Screen your dreams



**MV**  
SERIES

# HIGH VISUAL PERFORMANCE




Lightweight yet robust, high-performance LED solution for fixed installations at a good balance of quality and price for fixed indoor and outdoor installations.


MV Series is a value-added solution suitable for a wide range of fixed advertising applications, including city squares, commercial pedestrian zones, and transportation hubs. Featuring a slim and lightweight aluminum profile system frame, MV series offers a balance between weight and durability to withstand harsh environmental factors such as direct UV rays, varying temperatures, constant vibrations, and severe weather conditions.

A reliable choice for DOOH which provides exceptional and vivid image quality with high brightness, high refresh rate, and high contrast under any light condition.


High brightness, high refresh rate and high contrast.  
Reliable under any weather conditions.  
Indoor and outdoor applications




Fixed



IP65



High  
Brightness



Universal LED  
Module

Pixel Pitch	Indoor: 2.9, 3.9, 5.9, 7.8mm Outdoor: 2.9, 3.9, 5.9, 6.9, 7.8, 10.4, 12, 15mm
Brightness	1.000 - 10.000nits
Cabinet size (WxHxD)	500x500, 500x1000, 1000x500, 1000x1000mm



## KEY FEATURES

### Reliability



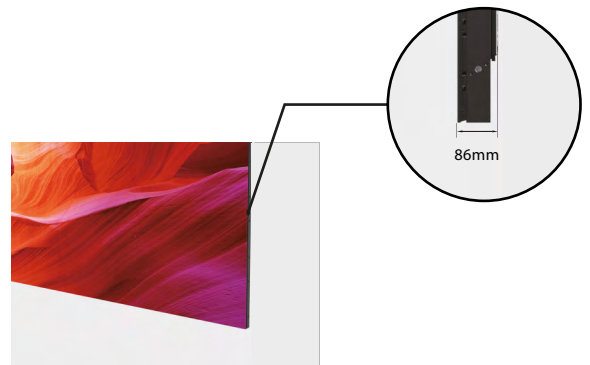
MV series is designed with an aluminum profile system frame that is more durable and highly stable compared to traditional magnesium panels.

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

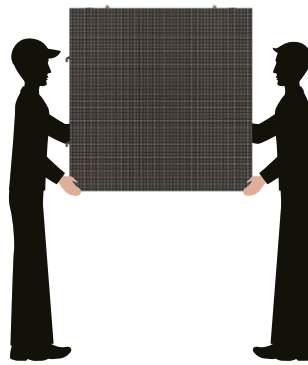
### Thin and lightweight design

MV panel depth is only around 86mm. Edge depth is around 22mm thinner compared to die-casting cabinets and around 89mm thinner compared to traditional metal sheet cabinets .

Improved lighter design by removing inessential hardware elements. It is around 10kg per sqm lighter than die-casting cabinets and around 45kg per sqm lighter than traditional metal sheet cabinets.



MV cabinets: 19kg



traditional metal sheet cabinets: 64kg

## KEY FEATURES

### Easy maintenance



Front and rear maintenance. The universal LED modules can be interchangeable for easy installation and maintenance.

Separate and exchangeable power and data unit can be easily removed for easy servicing and repair.

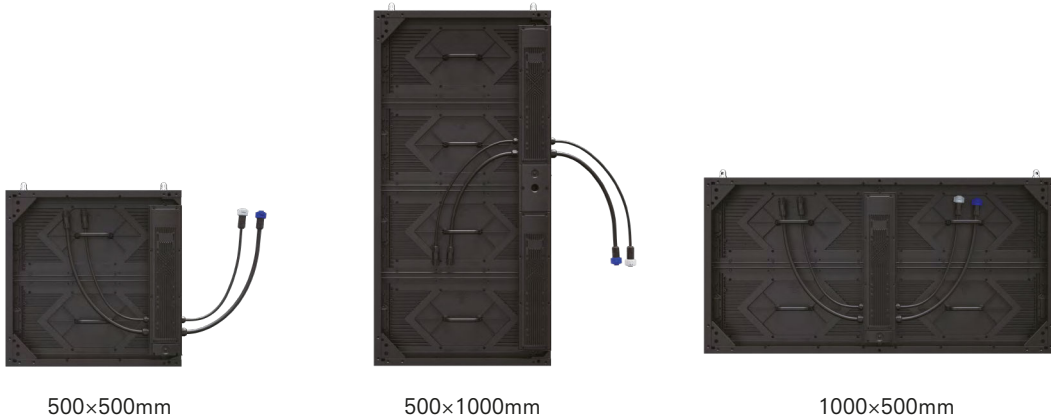


### Brightness

High brightness, high refresh rate, and high contrast allow the MV series has superior image quality in the most challenging environments.

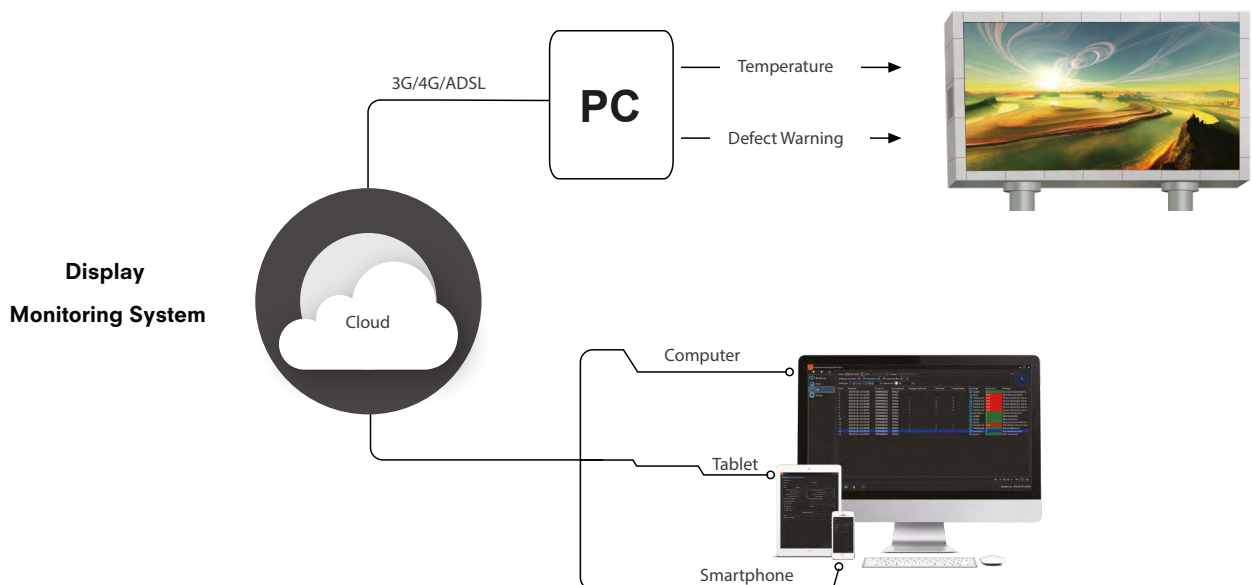
## Flexible system

MV series offers multiple panel dimensions. Panels are available at 1000x1000mm, 1000x500mm, 500x1000mm, and 500x500mm sizes for any application.



## Smart Management Solutions

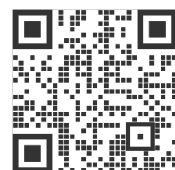
Global Display Monitoring System (DMS) allows remote live monitoring of the screen's key working conditions and functionality. Requiring only standard Internet connection. The operator can also log into the system remotely and check the live conditions of the screen – temperature, power supply, etc. Light-controlling sensor available for day and night automatic brightness adjustment is a perfect energy-saving solution.



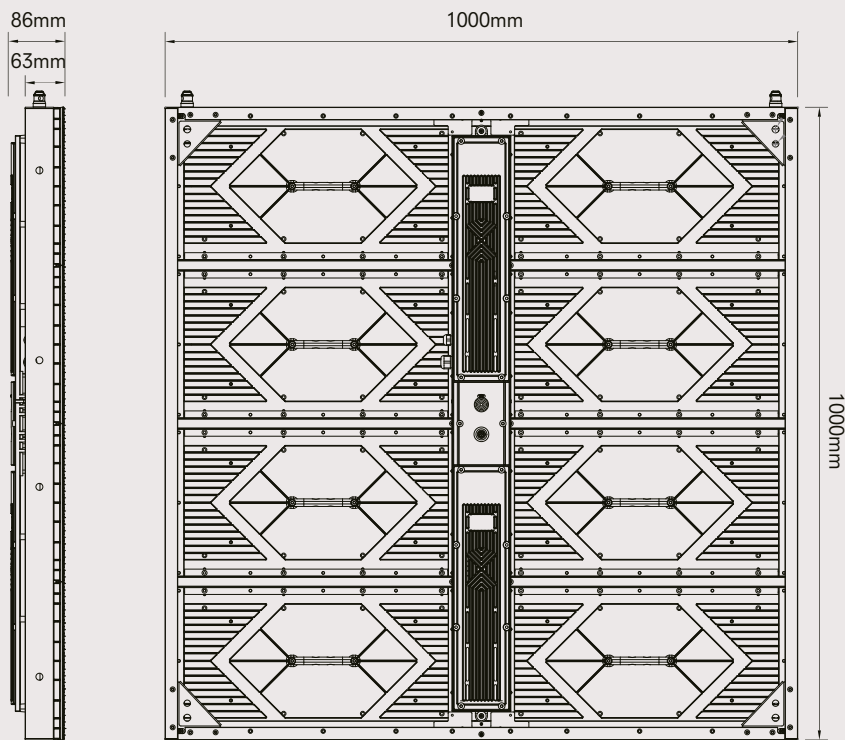


## Compatible with MV EDGE

The MV EDGE series is a good solution for installations requiring smooth curves and comes as an addition to the standard INFiLED MV series and is designed for fixed outdoor convex applications. Each module measures 125x250mm allowing it to form smooth curves while connected seamlessly to a larger flat MV LED display.



# SPECIFICATIONS



## Indoor

Model Number	IL-FISS-IRMV2.97	IL-FISS-IRMV3.9	IL-FISS-IRMV5.95	IL-FISS-IRMV7.81
Pixel Pitch	2.97mm	3.91mm	5.95mm	7.81mm
Physical Density	112,896pixels/m <sup>2</sup>	65,536pixels/m <sup>2</sup>	28,224pixels/m <sup>2</sup>	16,384pixels/m <sup>2</sup>
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	168 x 84 pixels	128x64pixels	84x42pixels	64x32pixels
Module Dimensions	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)
Cabinet Resolution	336 x 336pixels	256x256pixels	168x168pixels	128x128pixels
Cabinet Dimensions	1000x1000x81.9mm (39.37x39.37x3.22in)	1000x1000x81.9mm (39.37x39.37x3.22in)	1000x1000x81.9mm (39.37x39.37x3.22in)	1000x1000x81.9mm (39.37x39.37x3.22in)
Cabinet Weight	18kg(39.68lb)	18kg(39.68lb)	17.7kg(39.02lb)	17.54kg(38.67lb)
Brightness	1,000nits	1,000nits	1,000nits	1,000nits
Max Power Consumption	510w/m <sup>2</sup>	510w/m <sup>2</sup>	540w/m <sup>2</sup>	640w/m <sup>2</sup>
Avg Power Consumption	170w/m <sup>2</sup>	170w/m <sup>2</sup>	180w/m <sup>2</sup>	213w/m <sup>2</sup>
Viewing Angle	160°/160°	160°/160°	160°/160°	160°/160°
Operating Power Source	AC200-240V 50-60Hz	AC200-240V 50-60Hz	AC200-240V 50-60Hz	AC200-240V 50-60Hz
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Refresh Rate(PRO version)	3,840Hz	3,840Hz	3,840Hz	3,840Hz
IP Rating	IP30	IP30	IP30	IP30
Signal Input Source	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI
Verification	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE

The product specifications can be customized

# SPECIFICATIONS

Indoor

Model Number	IL-FISS-ORMV2.97	IL-FISS-ORMV3.91	IL-FISS-ORMV5.95	IL-FISS-ORMV6.94
Pixel Pitch	2.97mm	3.91mm	5.95mm	6.94mm
Physical Density	112,896pixels/m <sup>2</sup>	65,536pixels/m <sup>2</sup>	28,224pixels/m <sup>2</sup>	20,736pixels/m <sup>2</sup>
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	168 x 84pixels	128 x 64pixels	84x42pixels	72x36pixels
Module Dimensions	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)
Cabinet Resolution	336 x 336pixels	256 x 256pixels	168x168pixels	144x144pixels
Cabinet Dimensions	1000x1000x85.8mm (39.37x39.37x3.38in)	1000x1000x83.35mm (39.37x39.37x3.28in)	1000x1000x85.8mm (39.37x39.37x3.38in)	1000x1000x84.4mm (39.37x39.37x3.32in)
Cabinet Weight	19kg(41.89lb)	19kg(41.89lb)	19.28kg(42.51lb)	18.48kg(40.74lb)
Brightness	4,000nits	5,000nits	5,000nits	5,000nits
Max Power Consumption	600w/m <sup>2</sup>	600w/m <sup>2</sup>	600w/m <sup>2</sup>	600w/m <sup>2</sup>
Avg Power Consumption	200w/m <sup>2</sup>	200w/m <sup>2</sup>	200w/m <sup>2</sup>	200w/m <sup>2</sup>
Viewing Angle	130°/130°	160°/90°	160°/90°	160°/133°
Operating Power Source	AC200-240V 50-60Hz	AC200-240V 50-60Hz	AC200-240V 50-60Hz	AC200-240V 50-60Hz
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Refresh Rate(PRO version)	3,840Hz	3,840Hz	3,840Hz	3,840Hz
IP Rating	IP65	IP65	IP65	IP65
Signal Input Source	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI
Verification	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE

Model Number	IL-FISS-ORMV7.81	IL-FISS-ORMV10.41	IL-FISS-ORMV12.5
Pixel Pitch	7.81mm	10.41mm	12.5mm
Physical Density	16,384pixels/m <sup>2</sup>	9,216pixels/m <sup>2</sup>	6,400pixels/m <sup>2</sup>
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	64x32pixels	48x24pixels	40x20pixels
Module Dimensions	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)	500x250mm(19.69x9.84in)
Cabinet Resolution	128x128pixels	96x96pixels	80x80pixels
Cabinet Dimensions	1000x1000x86.2mm (39.37x39.37x3.39in)	1000x1000x85.1mm (39.37x39.37x3.35in)	1000x1000x86.3mm (39.37x39.37x3.40in)
Cabinet Weight	18.48kg(40.74lb)	18.88kg(41.62lb)	19kg(41.89lb)
Brightness	5,000nits	5,000nits	5,000nits
Max Power Consumption	630w/m <sup>2</sup>	660w/m <sup>2</sup>	660w/m <sup>2</sup>
Avg Power Consumption	210w/m <sup>2</sup>	220w/m <sup>2</sup>	220w/m <sup>2</sup>
Viewing Angle	160°/106°	160°/135°	160°/113°
Operating Power Source	AC200-240V 50-60Hz	AC200-240V 50-60Hz	AC200-240V 50-60Hz
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Refresh Rate(PRO version)	3,840Hz	3,840Hz	3,840Hz
IP Rating	IP65	IP65	IP65
Signal Input Source	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI	DVI, HDMI, DP, MINI DP, VGA, SDI, HD SDI
Verification	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE	CE, ETL, FCC, RoHS, REACH, WEEE

The product specifications can be customized



Shenzhen HQ | Barcelona | Dubai | Rotterdam | Los Angeles | Kuala Lumpur

For more information, contact:  
[info.emea@infiled.com](mailto:info.emea@infiled.com)



[www.infiled.com](http://www.infiled.com)