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15
Consistent Excellence



MV Mesh
SERIES

HIGH-TRANSPARENCY OUTDOOR DISPLAYS



MV Mesh series, as a particular version to the MV series, is made to provide the outdoor fixed and rental LED screen solutions with transparency requirements.

MV Mesh Series features high brightness, high contrast ratio and a high refresh rate, guarantee the output of clear images visible under any lighting conditions. The MV Mesh series is also eco-friendly with an average power consumption of 180w/m².

The super-high transparency design gives it an 8kg lighter cabinet while compared with the MV Series.



Lightweight



IP65



High Brightness



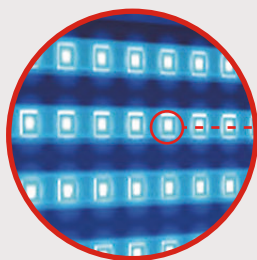
High Transparency

Pixel Pitch	10.4,16,1531,2550
Brightness	1000 - 8000 nits
Cabinet size (WxHxD)	1000 x 1000 x 85.1mm



KEY FEATURES

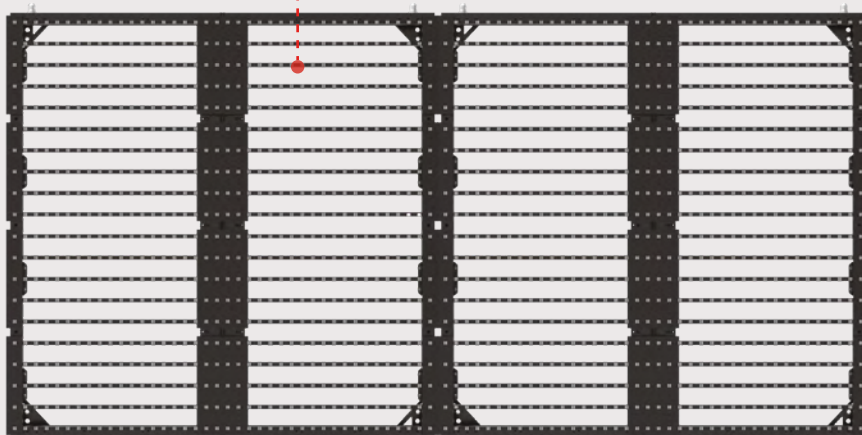
High transparency, brightness & contrast



Up to 70% transparency.

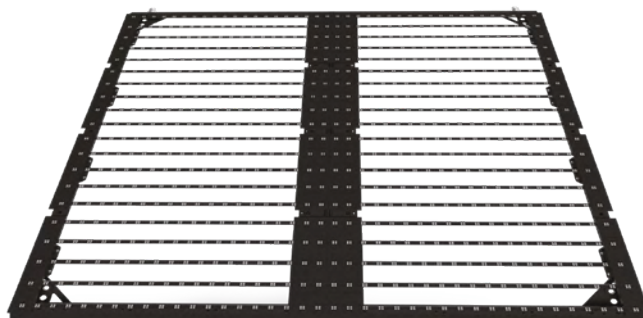
Adopted Dual-LED (2 LEDs in 1 pixel) layout, the brightness can reach up to 8000nits, which is the highest brightness among all "Mesh" products

The cabinet equips with a high brim mask, which makes a better screen visual contrast.



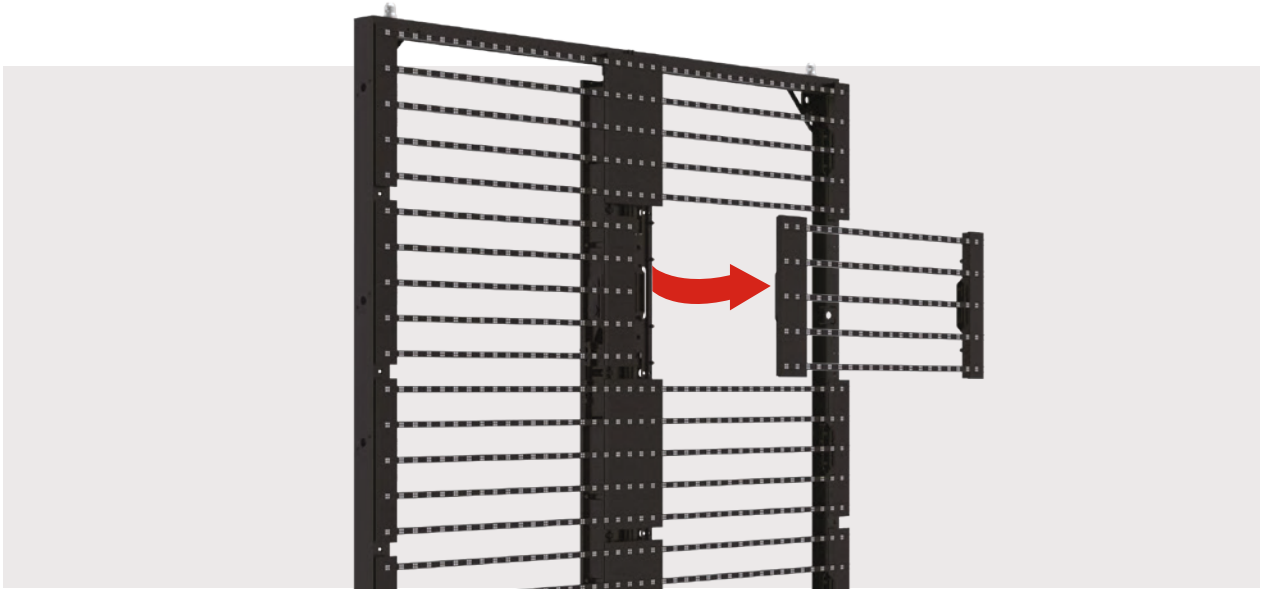
Lightweight

The cabinet weights only 11kg.
It is 8kg lighter compared to the MV Series.



Easy maintenance

MV Mesh Series supports front and rear service, features a removable LED board, and has low scrap rate.

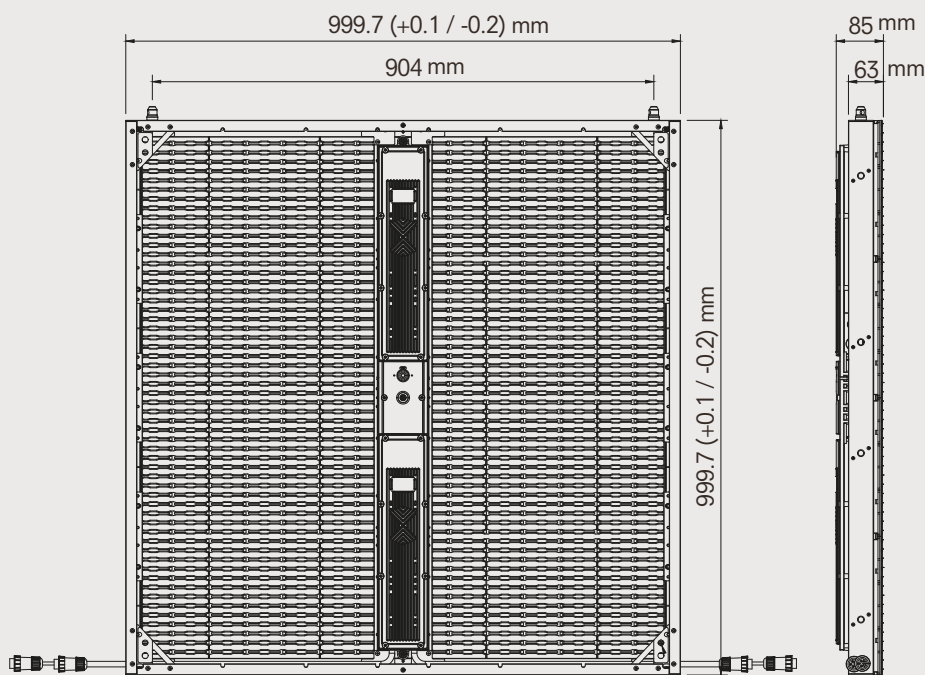


Full protection

The IP65 protection helps the MV Mesh Series against water and dust to ensure reliable operation under harsh weather conditions.



SPECIFICATIONS



Model Number	MV10.41 Mesh	MV16 Mesh	MV20.83 Mesh
Pixel Pitch	10.41mm	16.6mm	20.83mm
Physical Density	9,216 pixel/m²	3,600 pixel/m²	2,304 pixel/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Dimensions	500×250mm (19.7×9.84in)	500×250mm (19.7×9.84in)	500×250mm (19.7×9.84in)
Module Resolution	48 x 24 pixels	30 x 15 pixels	24 x 12 pixels
Screen Size	1000 x 1000 x 85.1 mm (39.37×39.37×3.35in)	1000 x 1000 x 85.1 mm (39.37×39.37×3.35in)	1000 x 1000 x 85.1 mm (39.37×39.37×3.35in)
Cabinet Resolution	96 x 96 pixels	60 x 60 pixels	48 x 48 pixels
Transparency	45%	50%	63%
Cabinet Weight	12 Kg(26.46lb)	12.3Kg(27.12lb)	10.5 Kg(23.15lb)
Brightness	≥1000nits	8,000nits	≥1000nits
Max Power Consumption	210w/m²	660w/m²	210w/m²
Avg Power Consumption	70w/m²	220w/m²	70w/m²
Viewing Angle	160° / 120°	160° / 115°	160° / 120°
Operating Power Source	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Operating Temperature	-20°C~+45°C	-20 C ~ +50 C	-20 C ~ +50 C
Refresh Rate	3,840Hz	3,840Hz	3,840Hz
IP Rating	IP65	IP65	IP65
Signal Input Source	DVI, HDMI, DP, 11IN1 DP, VGA, SDI, HD SDI		
Verification	CE, FCC, ETL, RoHS, REACH, WEEE		

The product specifications can be customized

Model Number	MV1531 Mesh	MV2550 Mesh
Pixel Pitch	15.6 (H) / 31.25 (V) mm	25 (H) / 50 (V) mm
Physical Density	2,048 pixel/m ²	800 pixel/m ²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Dimensions	500×250mm (19.7×9.84in)	500×250mm (19.7×9.84in)
Module Resolution	32 x 8 pixels	20 x 5 pixels
Screen Size	1000 x 1000 x 85.1 mm (39.37×39.37×3.35in)	1000 x 1000 x 85.1 mm (39.37×39.37×3.35in)
Cabinet Resolution	64 x 32 pixels	40 x 20 pixels
Transparency	65%	67%
Cabinet Weight	11.28Kg(24.87lb)	11.5 Kg(25.35lb)
Brightness	7,000nits	8,000nits
Max Power Consumption	540w/m ²	570w/m ²
Avg Power Consumption	180w/m ²	190w/m ²
Viewing Angle	160° / 127°	160° / 112°
Operating Power Source	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Operating Temperature	-20 ℃ ~ +50 ℃	-20 ℃ ~ +50 ℃
Refresh Rate	3,840Hz	3,840Hz
IP Rating	IP65	IP65
Signal Input Source	DVI, HDMI, DP, MINI DP,	GA, SDI, HD SDI
Verification	CE, FCC, ETL, RoHS, REACH, WEEE	

The product specifications can be customized



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

For more information, contact:
info.emea@infiled.com



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