

# MV MESH SERIES

OUTSTANDING TRANSPARENCY FOR OUT OF HOME DISPLAYS

# MV MESH Series

## Outstanding Transparency for Out of Home Displays.

MV MESH Series combines all the advantages of the high-performance MV series panels with an excellent transparency of up to 80%, allowing a great amount of natural light to cut through.

Thanks to the unique Dual-LED concept, the MV MESH series panels deliver excellent brightness of up to 10,000 nits, which is really remarkable in the field of mesh LED screens. With a high contrast ratio and high refresh rate, the MV MESH series delivers superb visuals in any light condition.

The cabinet weight ranges between 10-12kg (full size panel), which makes the MV MESH series much lighter than traditional outdoor cabinets, allowing for easier installation and lighter supporting structures in place.

The MV MESH panels are designed to support both front and rear service. An advanced IP65 protection ensures the MV MESH panels will perform flawlessly in any weather condition.



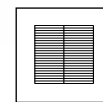
Lightweight



High Brightness



IP65 Protection



High Transparency

## KEY FEATURES

- + Ultra-lightweight yet durable panels
- + High transparency of up to 80%
- + Excellent brightness of up to 10,000 nits
- + High contrast ratio & refresh rate
- + Delivering superb visuals in any lighting conditions
- + Advanced IP65 protection
- + Designed to support both front & rear service

## MV MESH SPECIFICATIONS

	MV Mesh Pro Outdoor P15/31	MV Mesh Lite Outdoor P15/31	MV Mesh Max Outdoor P15/31	MV Mesh Pro Outdoor P16/16
Series	MV MESH	MV MESH	MV MESH	MV MESH
Pixel Pitch	15.6 mm (H) / 31.25mm (V)	15.6 mm (H) / 31.25mm (V)	15.6 mm (H) / 31.25mm (V)	16.6 mm
Environment	Outdoor	Outdoor	Outdoor	Outdoor
LED Configuration	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Max. Brightness	5,000 nits	5,000 nits	8,000 nits	7,000 nits
Refresh Rate	≤3,840 Hz	≤3,840 Hz	≤3,840 Hz	≤3,840 Hz
Viewing Angle	160°/127°	160°/127°	160°/127°	160°/120°
Cabinet Resolution	64 x 32 pixels	64 x 32 pixels	64 x 32 pixels	60 x 60 pixels
Cabinet Width	1,000 mm	1,000 mm	1,000 mm	1,000 mm
Cabinet Height	1,000 mm	1,000 mm	1,000 mm	1,000 mm
Cabinet Depth	85 mm	85 mm	85 mm	85 mm
Cabinet Weight	11.28 kg	11.28 kg	11.28 kg	12 kg
Max. Power Consumption	600 W /m <sup>2</sup> , 600 W /panel	600 W /m <sup>2</sup> , 600 W /panel	570 W /m <sup>2</sup> , 570 W /panel	630 W /m <sup>2</sup> , 630 W /panel 660
Aver. Power Consumption	200 W /m <sup>2</sup> , 200 W /panel	200 W /m <sup>2</sup> , 200 W /panel	190 W /m <sup>2</sup> , 190 W /panel	210 W /m <sup>2</sup> , 210 W /panel 220
Transparency	80%	80%	80%	70%
Operating Power Source	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Ingress Protection	IP65	IP65	IP65	IP65
Verification	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH
Application	Install	Install	Install	Install

# MV MESH SPECIFICATIONS

	MV Mesh Lite Outdoor P16/16	MV Mesh Max Outdoor P16/16	MV Mesh Pro Outdoor P25/50	MV Mesh Lite Outdoor P25/50	MV Mesh Max Outdoor P25/50
Series	MV MESH	MV MESH	MV MESH	MV MESH	MV MESH
Pixel Pitch	16.6 mm	16.6 mm	25 mm (H) / 50mm (V)	25 mm (H) / 50mm (V)	25 mm (H) / 50mm (V)
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
LED Configuration	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Max. Brightness	7,000 nits	10,000 nits (Max)	5,000 nits	5,000 nits	8,000 nits
Refresh Rate	≤3,840 Hz	≤3,840 Hz	≤3,840 Hz	≤3,840 Hz	≤3,840 Hz
Viewing Angle	160°/120°	160°/120°	160°/112°	160°/112°	160°/112°
Cabinet Resolution	60 x 60 pixels	60 x 60 pixels	40 x 20 pixels	40 x 20 pixels	40 x 20 pixels
Cabinet Width	1,000 mm	1,000 mm	1,000 mm	1,000 mm	1,000 mm
Cabinet Height	1,000 mm	1,000 mm	1,000 mm	1,000 mm	1,000 mm
Cabinet Depth	85 mm	85 mm	85.1 mm	85.1 mm	85.1 mm
Cabinet Weight	12 kg	12 kg	11.5 kg	11.5 kg	11.5 kg
Max. Power Consumption	630 W /m <sup>2</sup> , 630 W /panel	660 W /m <sup>2</sup> , 660 W /panel	600 W /m <sup>2</sup> , 600 W /panel	600 W /m <sup>2</sup> , 600 W /panel	570 W /m <sup>2</sup> , 570 W /panel
Aver. Power Consumption	210 W /m <sup>2</sup> , 210 W /panel	220 W /m <sup>2</sup> , 220 W /panel	200 W /m <sup>2</sup> , 200 W /panel	200 W /m <sup>2</sup> , 200 W /panel	190 W /m <sup>2</sup> , 190 W /panel
Transparency	70%	70%	80%	80%	80%
Operating Power Source	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz	100-240V AC, 50 60Hz
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Ingress Protection	IP65	IP65	IP65	IP65	IP65
Verification	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH	CE, ETL, FCC, RoHS, REACH
Application	Install	Install	Install	Install	Install



Contact our VuePix Infiled experts to discuss your next project

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REDEFINING TECHNOLOGY IN EVERY PIXEL