

# P4 Outdoor Fixed LED Display

MS3840-FO-D



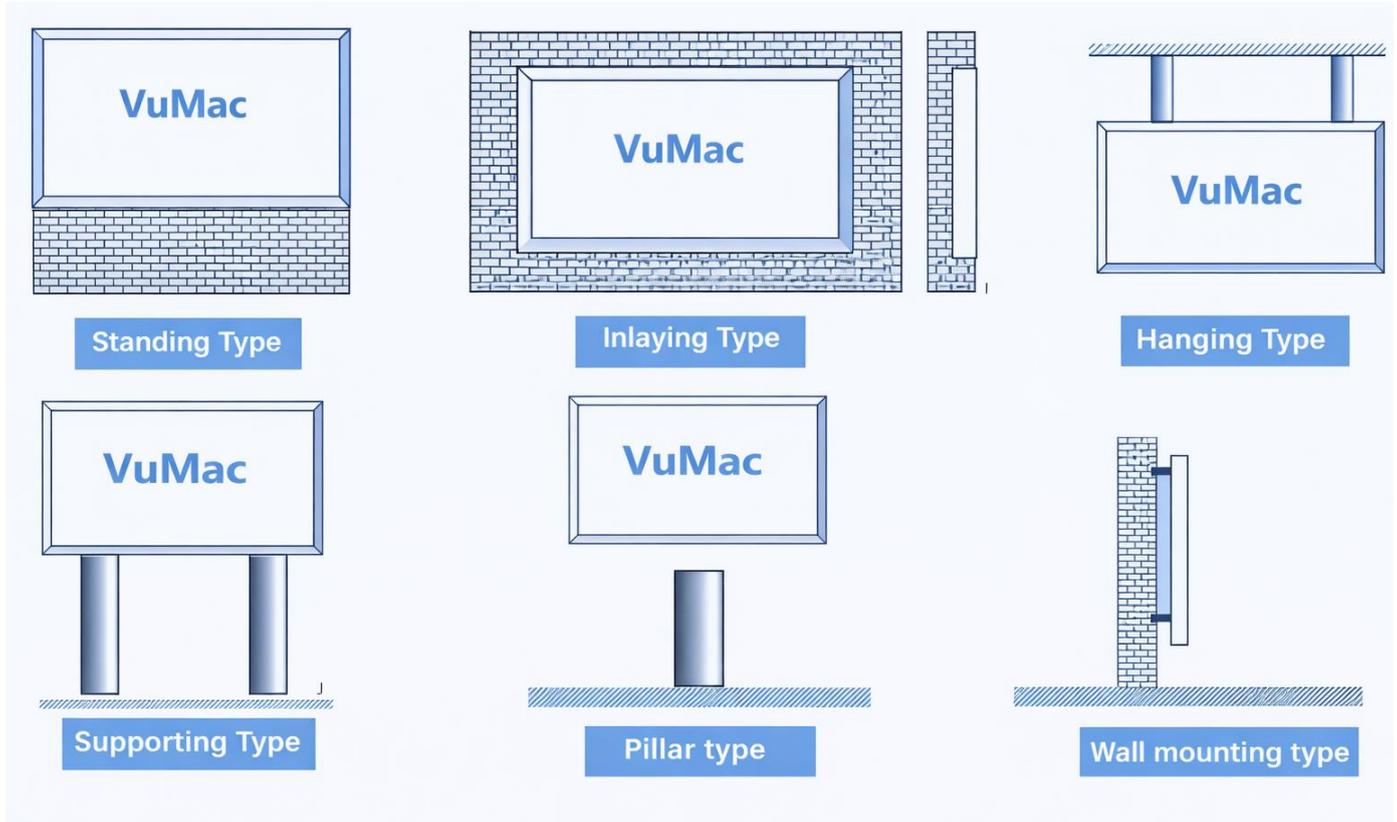
## Features

- Supports adjusting the brightness.
- High refresh rate, high brightness, wide viewing angle, no glare, and low attenuation offer better visual experience.
- High grayscale image delivers more details.
- Supports 360° arc splicing screen. Supports naked-eye 3D display.
- Magnesium Die cast powder coated CNC cabinet, each only weights 30.5kg.
- The modular design of the whole device supports complete rear maintenance, efficient and convenient.
- The module uses fiber-based material for improved thermal stability and heat dissipation.
- CNC precision machining achieves high dimensional accuracy and good flatness.
- IP65 rating can withstand harsh outdoor environment.
- Low Power Consumption Energy efficient operation for long hours
- Clear & sharp display, ideal for medium to long-distance viewing (minimum viewing distance ~4 meters).

## Specifications

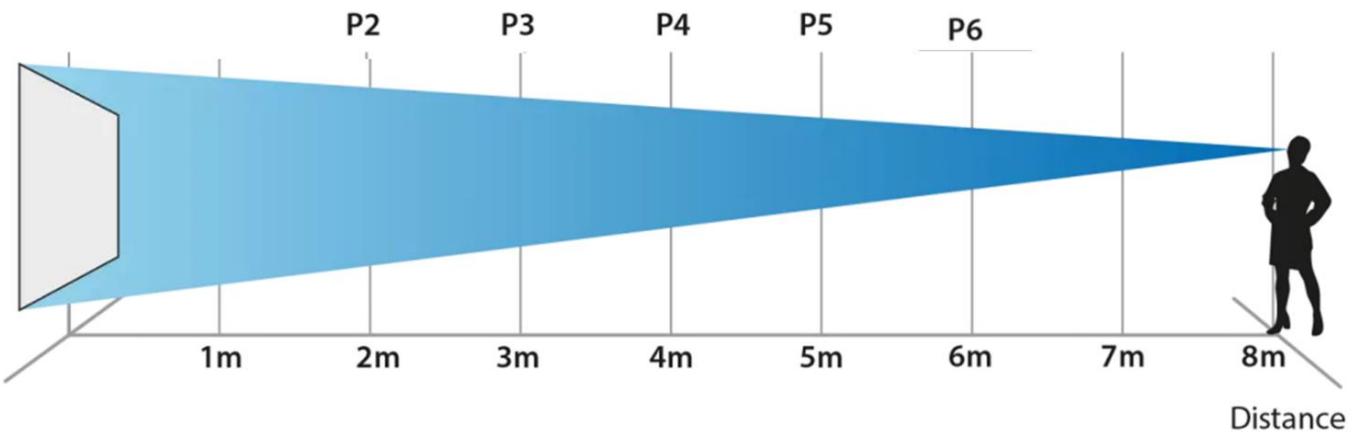
Module	Description
Pixel Pitch	P4.0
Module Resolution (W*H)	80*40
Module Dimensions (mm)	320*160
Cabinet	Description
Cabinet Dimensions (W*H*D) (mm)	960*960*140
Cabinet Resolution (W*H)	240*240
Material	Diecast CNC powder coated
Processing Image	Description
Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	4500 – 5000
Color Temperature (K)	2000 to 9500
Viewing Angle (H/V)	160° /140°
Center Distance Deviation of LED	<3%
Brightness Uniformity	≥95%
Color Uniformity (Cx,Cy)	±0.003Cx,Cy
Contrast Ratio	5000: 1
Processing performance	Description
Pixel Density (pitch/m <sup>2</sup> )	62,500
Grayscale	16bit
Scanning Mode	10S
Drive Mode	Constant current driving
Refresh Rate (Hz)	3840
Electrical	Description
Power Supply	AC 100 to 240V
Average Power Consumption (W/m <sup>2</sup> )	280
Max. Power Consumption (W/m <sup>2</sup> )	750
General	Description
Maintenance Mode	Rear maintenance
Ingress Protection	IP65
Weight (Kg/pcs)	30.5
Operation Temperature	-10° C to +50° C
Operating Humidity	10% to 90%RH, non-condensing
Storage Temperature	-30° C to +60° C
Storage Humidity	10% to 95%RH, non-condensing
LED lifetime (h)	100000

## Mounting Type



## Pixel Pitch & ideal Viewing Distance

Screen pixelation



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