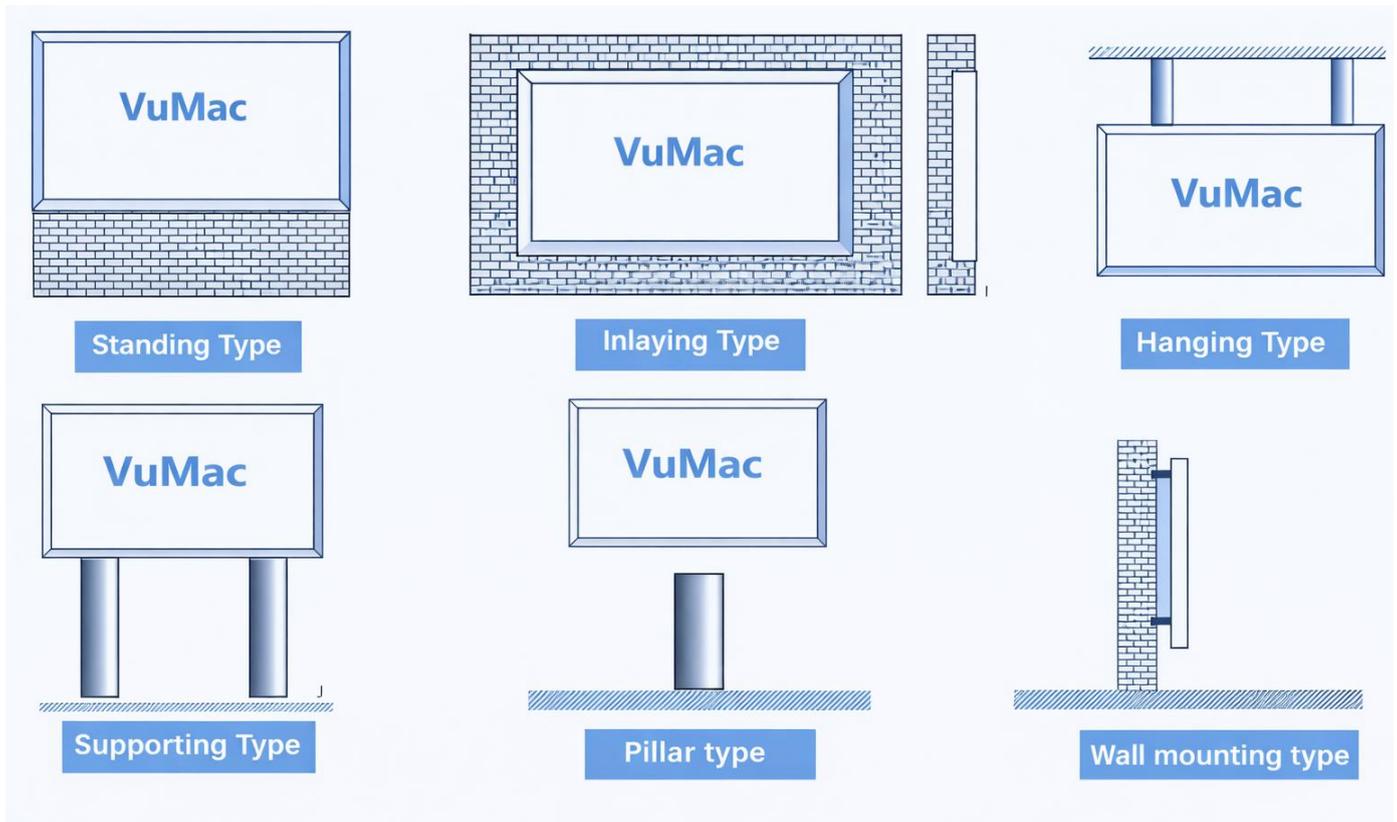# P4 Outdoor Fixed LED Display

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.

- Mild Steel 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).

- Supports multiple content types such as videos, images, text, and animations, with flexible control options including USB, LAN, Wi-Fi, and cloud-based management.
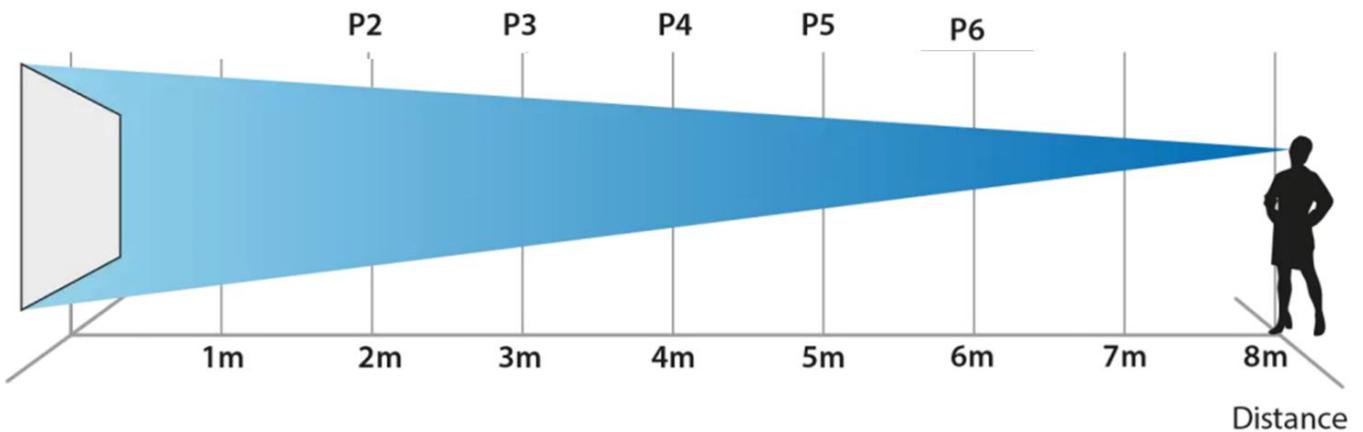
Specifications

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	MS 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/m²）	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/m²）	280
Max. Power Consumption（W/m²）	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

Standing Type

Inlaying Type

Hanging Type

Supporting Type

Pillar type

Wall mounting type

Pixel Pitch & ideal Viewing Distance

Screen pixelation

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