P8 Outdoor Fixed LED Display

MW7880-FO-E

Features

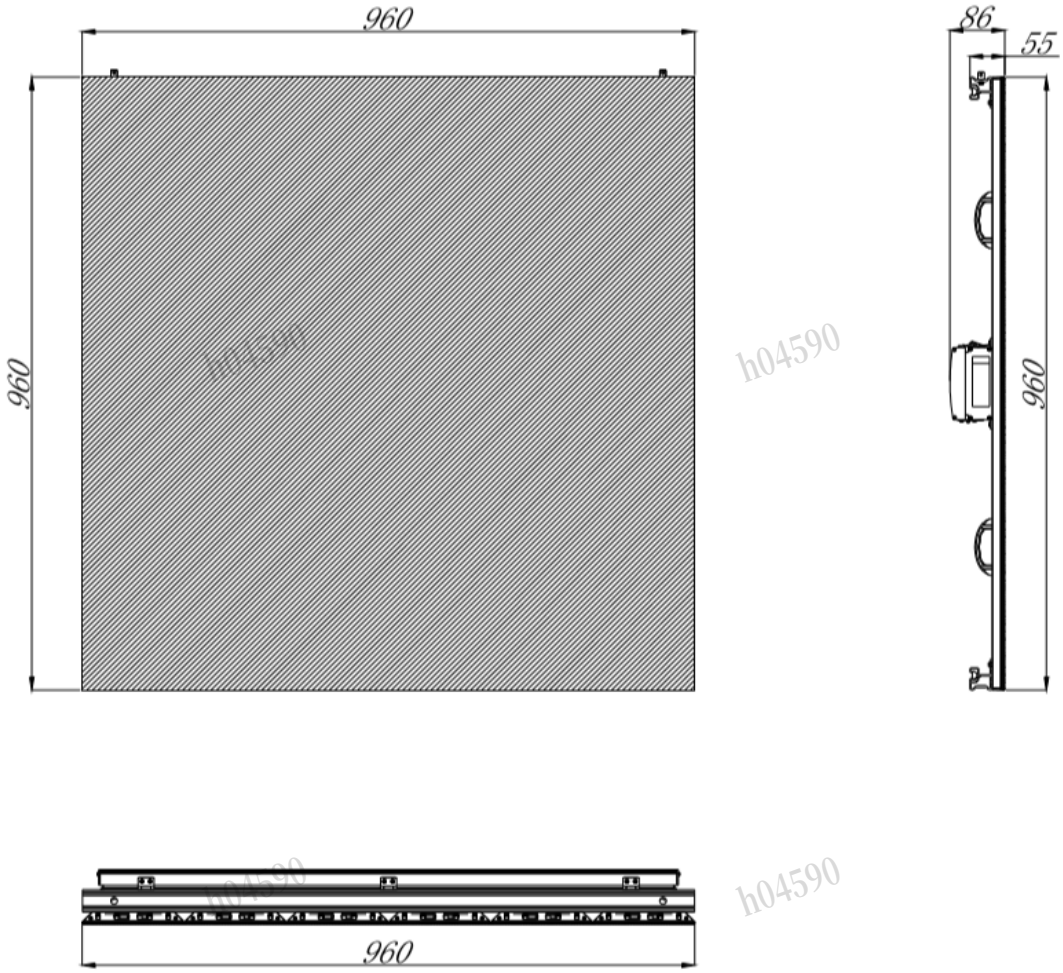
- High refresh rate, high brightness, wide viewing angle, no glare, and low attenuation offer better visual experience.
- High grayscale image delivers more details.
- Supports 360°arc splicing screen for naked-eye 3D display effect.
- Aluminum alloy cabinet, each only weights 24kg.
- The modular design of the whole device supports complete front and rear maintenance, efficient and convenient.
- The module uses aluminum alloy casing, with better thermal stability and heat dissipation.
- CNC precision machining achieves high dimensional accuracy and good flatness.
- IP65 rating can withstand harsh outdoor environment.

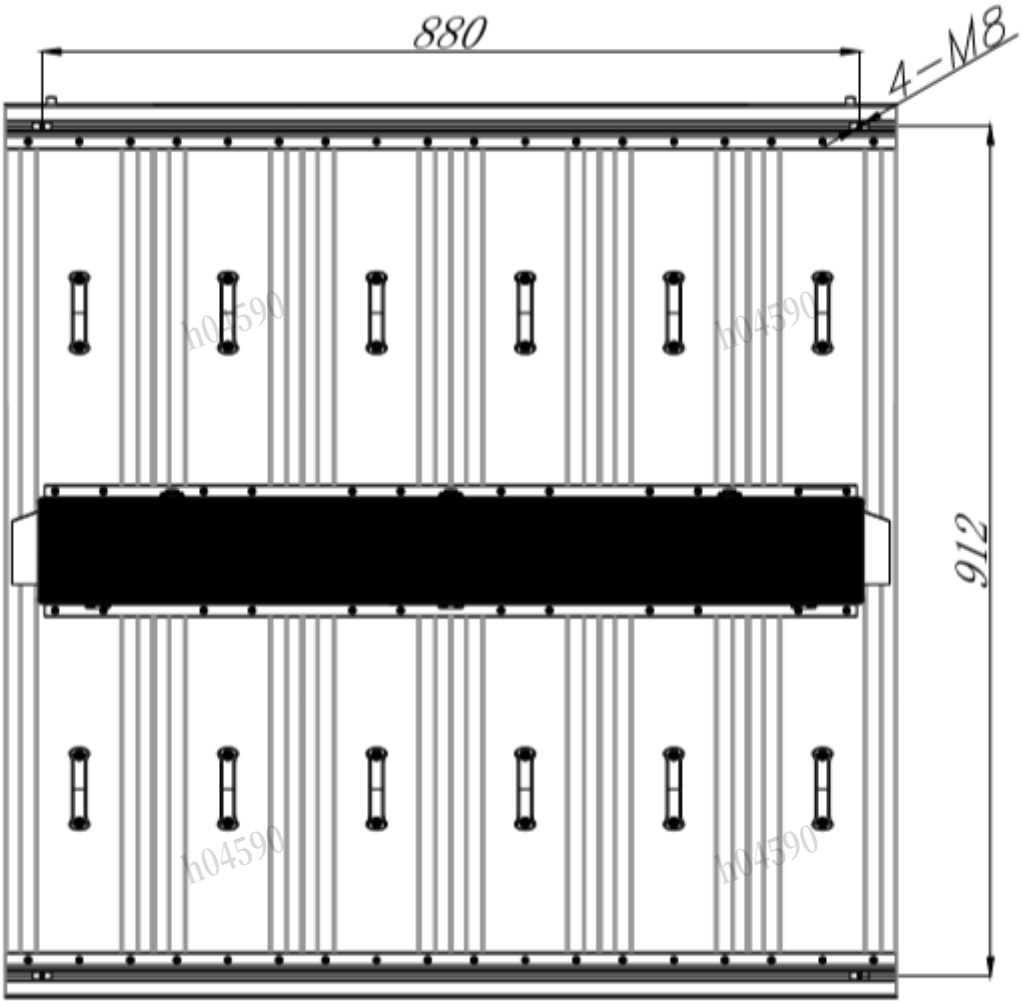
Specifications

Model	MW7880-FO-E
Module	
Pixel Pitch	P8
Module Resolution (W × H)	20 x 120
Module Dimensions (mm)	160 x 960
Cabinet	
Cabinet Dimensions (W × H × D) (mm)	960 x 960 x 86
Cabinet Resolution (W × H)	120 x 120
Material	Aluminium Profile
Processing Image	
Single Pixel Brightness	Support

Correction	
Single Pixel Color Correction	Support
Brightness (nits)	5000 (Standard) 5000-10000 (Optional)
Color Temperature (K)	3500 to 9300
Viewing Angle (H/V)	120°/120°
Center Distance Deviation of LED	<3%
Brightness Uniformity	≥97%
Color Uniformity (Cx, Cy)	±0.003
Contrast Ratio	5000 : 1
Processing performance	
Pixel Density (pitch/m^2)	15625
Grayscale (bit)	14bit
Scanning Mode (S)	5S
Drive Mode	Constant current driving
Refresh Rate (Hz)	3840
Electrical	
Power Supply	AC 100 to 240 V
Average Power Consumption (W)	250
Max. Power Consumption (W/m^2)	750
General	
Maintenance Mode	Rear maintenance
Ingress Protection	IP65
Weight (kg/pcs)	24
Operating Temperature	-20°C to +50°C
Operating Humidity	10% to 90% RH, non-condensing
Storage Temperature	-40°C to +60°C
Storage Humidity	10% to 90% RH, non-condensing
LED Lifetime (h)	100000
Certifications	CE/FCC

Dimensions





Ordering Info

Product Model	Description
MW7880-FO-E	P8 Outdoor Fixed LED Display

Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

©2025-2026 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.