P4 Outdoor Fixed LED Display

MW7740-FO-D

Features

● The R, G, B wafers are encapsulated together to form a single pixel, delivering excellent color mixing effect and consistency.

● The lamp board and drive board are integrated, ensuring even current distribution, low power consumption, and fast heat dissipation.

● Driver ICs at high refresh rate make the images delicate and smooth.

● Ultra-high brightness(optional), low attenuation, high reliability, and high weather resistance.

● Unique grain design on the mask surface, matte black, and high contrast.

● The PCB surface of modules is properly treated to prevent moisture, water, and corrosion. The modules adopt PC engineering plastic bottom shells and undergo the AB glue dispensing treatment for water prevention and anti-UV treatment. The surface uses the hermetic structure, which can achieve the waterproof rating of IP65.

● Long service life.

● Ultra-wide field of view and satisfactory display effects from diversified angles.

● Metal cabinet for high precision, good evenness, and high thermal conductivity.

Specifications

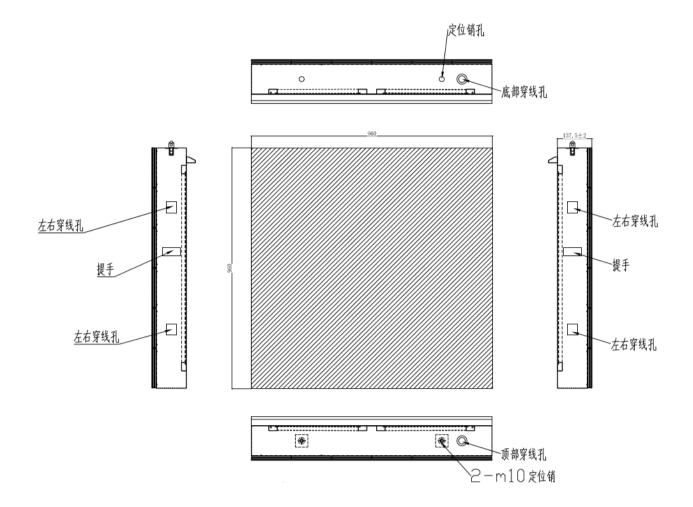| Model	MW7740-FO-D
Module	
Pixel Pitch	P4
Module Resolution (W ×H)	80 x 40
Module Dimensions (mm)	320 x 160
Cabinet	
Cabinet Dimensions (W ×H ×D) (mm)	960 x 960 x 137.5 ±2
Cabinet Resolution (W ×H)	240 x 240
Material	SPCC 1.2mm

Processing Image

Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	5000 (Standard)
	5000-10000 (Optional)
Color Temperature (K)	10000 to 15000
Viewing Angle (H/V)	120°/120°
Center Distance Deviation of LED	<3%
Brightness Uniformity	≥97%
Color Uniformity (Cx, Cy)	±0.003
Contrast Ratio	3000 : 1

Processing performance

Pixel Density (pitch/m㎡)	62500
Grayscale	14bit
Scanning Mode	10S
Drive Mode	Constant current driving
Refresh Rate (Hz)	≥3840

Electrical

Power Supply	AC 100 to 240 V
Average Power Consumption (W/m㎡)	240
Max. Power Consumption (W/m㎡)	800

General

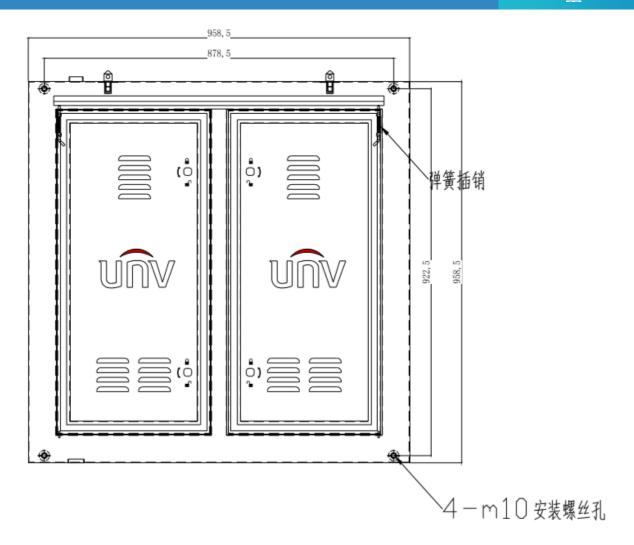|	
Maintenance Mode	Rear maintenance
Ingress Protection	IP65
Weight (kg/pcs)	35
Operating Temperature	-20°C to +50°C
Operating Humidity	10% to 90% RH, non-condensing
Storage Temperature	-40°C to +60°C
Storage Humidity	10% to 90% RH, non-condensing
LED Lifetime (h)	50000
Certifications	CE/FCC

Dimensions

定位销孔

底部穿线孔

960

960

137.5±2

左右穿线孔

左右穿线孔

提手

提手

左右穿线孔

左右穿线孔

顶部穿线孔

2-m10定位销

Ordering Info

Product Model	Description
MW7740-FO-D	P4 Outdoor Fixed LED Display