

1.8mm Indoor Fine Pixel Pitch LED Display Unit

MW7818-FI-EB



Features

- Advanced grayscale gives detailed and realistic images.
- Seamlessly splices images without black lines on the screen.
- Simple and stylish appearance, easy to install.
- High brightness and contrast provide optimal images.
- Takes up less space with a slim and compact design.
- Long lifetime.
- Low heat, excellent heat dissipation, no noise.
- Low failure rate and maintenance cost.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.
- High refresh rate and frame frequency provide high image quality without ghosting or smearing.
- Front maintenance.

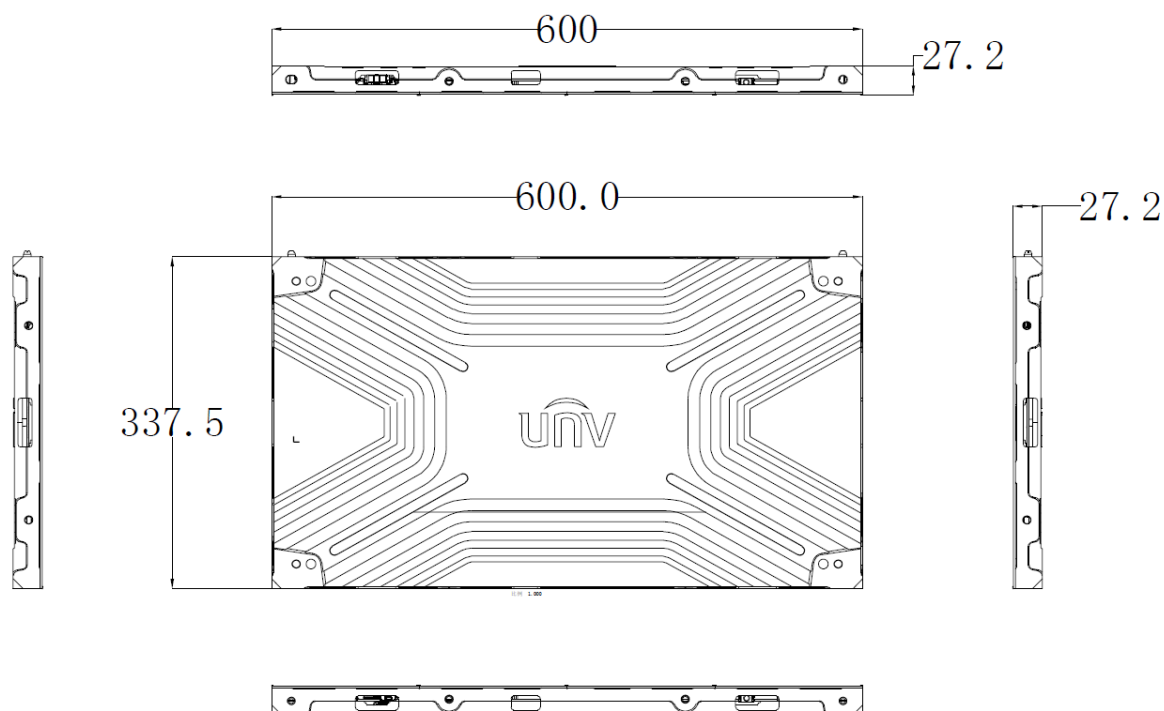
- Power supply with a wide input voltage range, strong adaptability.
- Supports wall mount without reserving space for maintenance.
- Optional dual power supplies and dual receiving cards.

Specifications

Model	MW7818-FI-EB
Module	
Pixel Pitch	P1.8
Module Resolution (W × H)	80 × 180
Module Dimensions (mm)	150 × 337.5 × 2
Cabinet	
Modules Component (W × H)	4 × 1
Cabinet Dimensions (W × H × D) (mm)	600 × 337.5 × 27.2
Cabinet Resolution (W × H)	320 × 180
Area (m²)	0.2025
Material	Die-cast aluminum
Processing Image	
Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	600
Color Temperature (K)	3000 to 10000 adjustable
Viewing Angle (H/V)	160°/140°
Center Distance Deviation of LED	< 2.5%
Brightness Uniformity	≥ 97%
Color Uniformity (Cx, Cy)	± 0.003
Contrast Ratio	4000:1
Processing performance	
Pixel Density (pitch/m²)	284444
Surface Evenness (mm)	≤ 0.1

Grayscale	16 bit
Scanning Mode	60 S
Drive Mode	Constant current driving
Frame Frequency (Hz)	50/60
Refresh Rate (Hz)	≥ 3840
Electrical	
Power Supply	AC 100 to 240 V, 50/60 Hz
Average Power Consumption (W/m²)	180
Max. Power Consumption (W/m²)	430
General	
Maintenance Mode	Front maintenance
Ingress Protection	IP5X
Weight (kg/pcs)	4.2
Operating Temperature	-10°C to 40°C
Operating Humidity	10% to 85% RH, non-condensing
Storage Temperature	-10°C to 55°C
Storage Humidity	10% to 90% RH, non-condensing
LED Lifetime (h)	100000

Dimensions



Ordering Info

Product Model	Description
MW7818-FI-EB	1.8mm Indoor Fine Pixel Pitch LED Display
MW7818-FI-EB-RM	1.8mm Indoor Fine Pixel Pitch LED Module Accessories

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