

1.86mm Indoor LED Display Unit MW7718-MIS-H1



Features

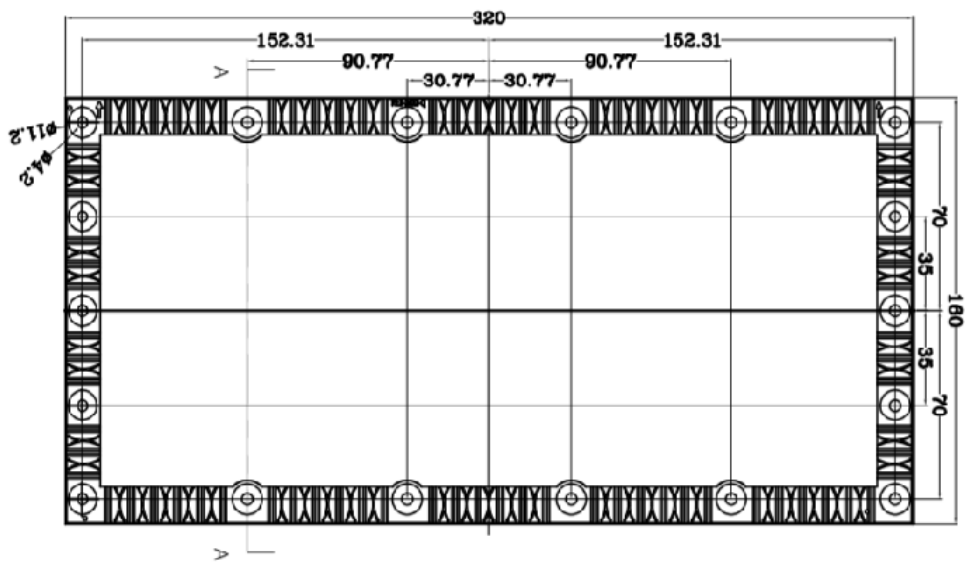
- Flexible PCB board circuit design.
- Lightweight and ultra-thin with excellent flexibility.
- Module aspect ratio of 2:1, central bending curvature of 150°, and easy installation flexibility.
- Magnetic adhesion allows precise adjustment of the planarity between module connections.
- No granular appearance, good color uniformity, and no mosaic effect.
- Capable of displaying on any area with a wide viewing range, soft display images, and high pixel density.
- Multi-layer PCB structure design for even current distribution, low power consumption, fast heat dissipation, and high reliability.
- Front-accessible installation and removal, with module support for front/back maintenance.
- High-brightness matte black LED beads with high contrast, reliability, excellent mixing performance, and low attenuation.
- Supports point-by-point brightness and color correction for overall consistency and uniformity in display units.

Specifications

Model	MW7718-MIS-H1
Module	

Pixel Pitch	P1.86
Module Resolution (W × H)	172 × 86
Module Dimensions (mm)	320 × 160 × 7.5
Signal Source Interface	HUB75
Processing Image	
Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	600
Color Temperature (K)	2000 to 12000 adjustable
Viewing Angle (H/V)	160°/140°
Center Distance Deviation of LED	< 3%
Brightness Uniformity	≥ 95%
Color Uniformity (Cx, Cy)	±0.003
Contrast Ratio	3000: 1
Processing performance	
Pixel Density (pitch/m ²)	288906
Surface Evenness (mm)	≤ 0.2
Grayscale (bit)	14
Scanning Mode (S)	43
Drive Mode	Constant current driving
Refresh Rate (Hz)	3840
Electrical	
Power Supply	DC 4.5 V
Average Power Consumption (W)	150
Max. Power Consumption (W/m ²)	450
General	
Curvature	≥ 150°
Ingress Protection	IP30
Weight (kg/pcs)	0.3
Operating Temperature	-10°C to 40°C
Operating Humidity	10% to 80% RH, non-condensing
Storage Temperature	-20°C to 50°C
Storage Humidity	10% to 60% RH, non-condensing
LED Lifetime (h)	50000

Dimensions





Ordering Info

Product Model	Description
MW7718-MIS-H1	1.86mm Indoor LED Display Unit

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