

COB LED Display Unit

MW7812-FI-CF



MW7812-FI-CF COB LED Display

Features

- Adopts COB technology, anti-collision and waterproof, IP65(front).
- Adopts flip-chip technology, no wire bonding, stable and reliable, high luminous efficiency, energy efficient.
- Advanced grayscale gives detailed and realistic images.
- Seamlessly splices images without black lines on the screen.
- Modular installation with a magnetic suction tool, simple and stylish appearance, easy installation.
- Supports front maintenance and wall mount.
- Ultra-slim design takes up less space.
- 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.
- Internal connection cable free design.

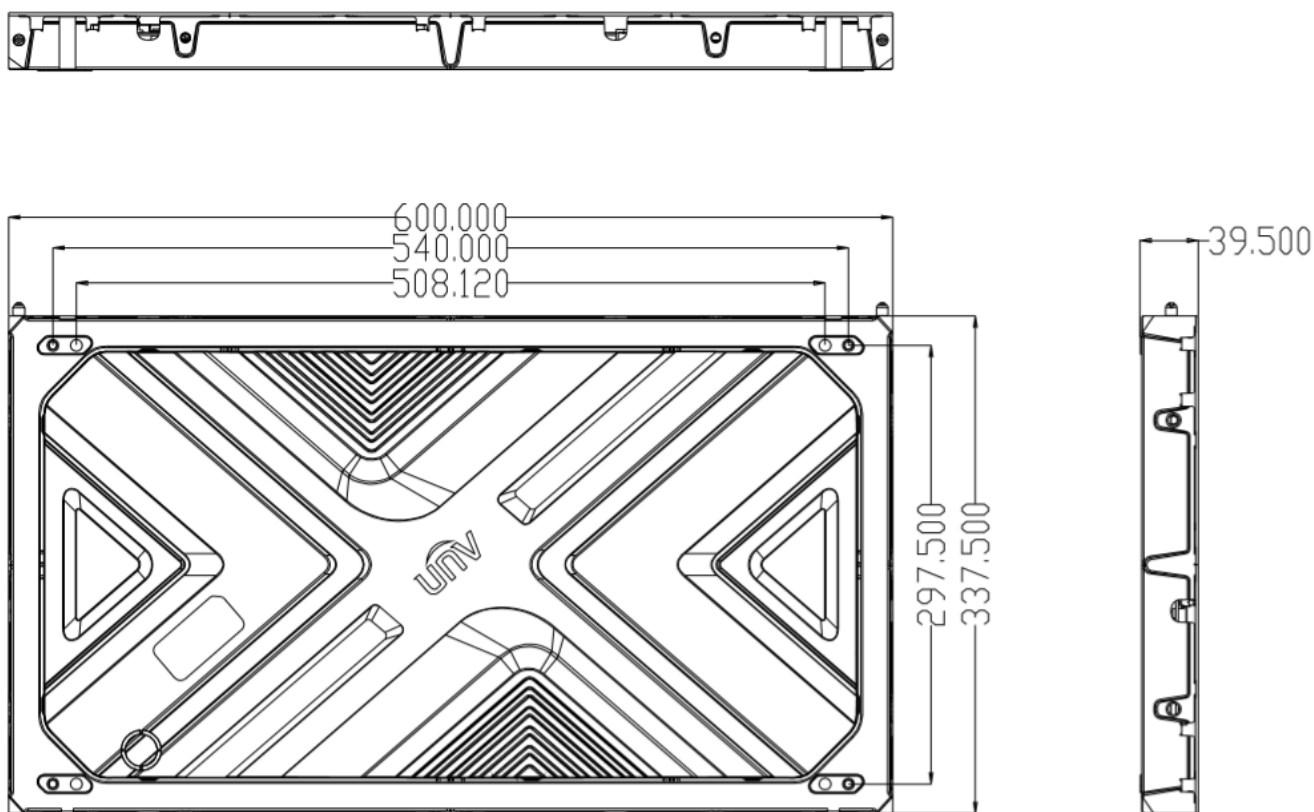
Specifications

Model	MW7812-FI-CF
Module	
Encapsulation method	Flip-chip COB common cathode
Pixel pitch (mm)	1.25
Dimensions (W*H)(mm)	150*168.75
Resolution (W*H)	120*135
Unit	
Dimensions (W*H*D)(mm)	600*337.5*39.5
Resolution (W*H)	480*270
Pixel density (pitch/m ²)	640000
Surface evenness (mm)	≤0.1
Weight (with modules)(kg)	4
Optical	
Single pixel brightness correction	Support
Single pixel color correction	Support
Brightness (nits)	600
Color temperature (K)	6500K to 12000K adjustable
Viewing angle (H/V)	170°/160°
Brightness uniformity	≥97%
Color uniformity	±0.003Cx,Cy
Contrast ratio	20000:1
Processing performance	
Drive mode	Constant current driving
Scanning mode	60S
Frame frequency (Hz)	50/60
Grayscale	14bit
Refresh rate (Hz)	≥3840
Electrical	
Power supply	AC100 to 240V
Max. power consumption (W/m ²)	270
Average power consumption (W/m ²)	100
General	
Maintenance mode	Front maintenance
Ingress protection (front)	IP65
Operating temperature	-10°C to +40°C
Operating humidity	10% to 90%RH, non-condensing
Storage temperature	-20°C to +60°C

Storage humidity	10% to 90%RH, non-condensing
LED lifetime (H)	100000

Appearance

Dimensions



Ordering Information

Model	Remarks
MW7812-FI-CF	COB LED Display Unit (dimensions: 600mm*337.5mm)

Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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