

# Inversion COB 1.2mm Indoor Small Spacing LED Display Unit

MW7812-FI-CF



## 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.

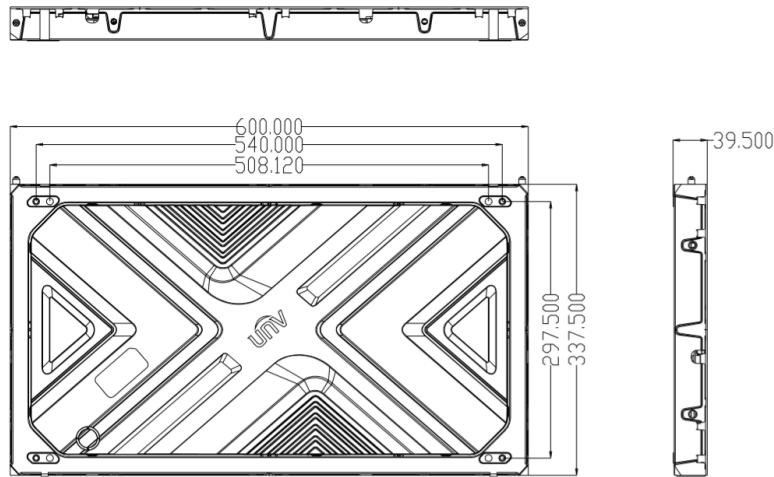
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.
- High refresh rate and frame frequency provide high image quality without ghosting or smearing.
- Internal connection cable free design.

## Specifications

Module	Description
Encapsulation Method	Flip-chip COB common cathode
Pixel Pitch	P1.2
Module Resolution (W*H)	120*135
Module Dimensions (mm)	150*168.75
Cabinet	Description
Cabinet Dimensions (W*H*D) (mm)	600*337.5*39.5
Cabinet Resolution (W*H)	480*270
Processing Image	Description
Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	600
Color Temperature (K)	6500 to 12000 adjustable
Viewing Angle (H/V)	170° /160°
Brightness Uniformity	≥97%
Color Uniformity (Cx,Cy)	±0.003Cx,Cy
Contrast Ratio	20000:1
Processing performance	Description
Pixel Density (pitch/m <sup>2</sup> )	640000
Surface Evenness (mm)	≤0.1
Grayscale	14bit
Scanning Mode	60S
Drive Mode	Constant current driving
Frame Frequency (Hz)	50/60
Refresh Rate (Hz)	≥3840
Electrical	Description
Power Supply	AC 100 to 240V
Average Power Consumption (W/m <sup>2</sup> )	100
Max. Power Consumption (W/m <sup>2</sup> )	270
General	Description

Maintenance Mode	Front maintenance
Ingress Protection	IP65
Weight (Kg/pcs)	5
Operation 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

## Dimensions



## Ordering Info

Product Model	Description
MW7812-FI-CF	Flip-chip COB 1.2mm Indoor Fine Pixel LED Display

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