

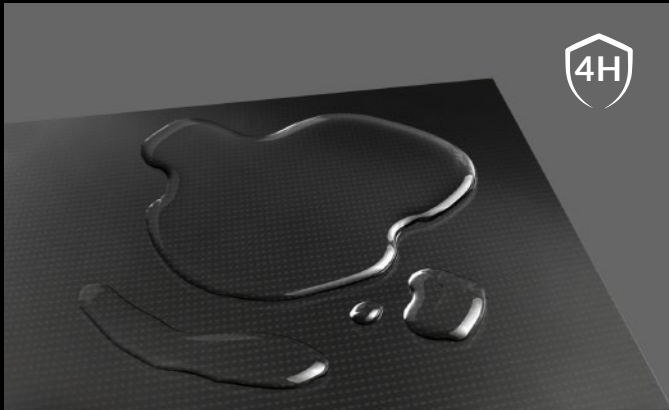
## CMS Series

# COB Module Solution

Pixel Pitch: P1.25 / P1.5385 / P1.86



Vistech Technology



4H

## Full Flip-Chip COB Process

Adopting full flip-chip COB process panels with a surface hardness of up to 4H, providing multi-protection against moisture, dust, and impact.

## Immersive Experience, True Colour Perception

Carefully selected PWM driver ICs for more natural grayscale transitions, delivering an ultra-wide colour gamut and realistic visuals.



High Contrast



Energy-Efficient



## Matte Finish, Uniform Deep Black

The module surface is treated with a matte finish, ensuring uniform and consistent deep black color.

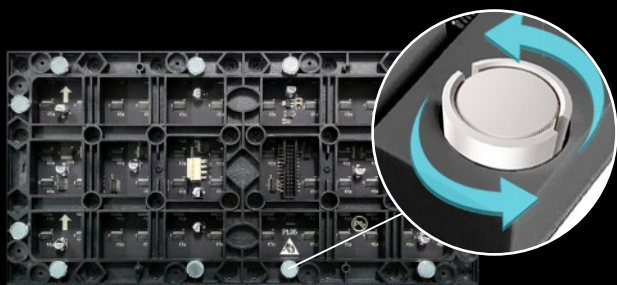


Flip-Chip COB



IP65 Protection



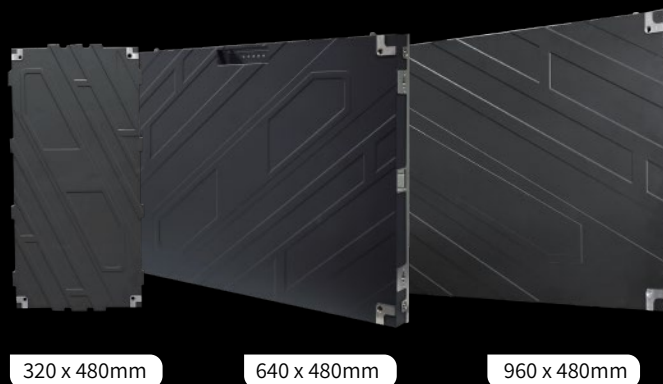
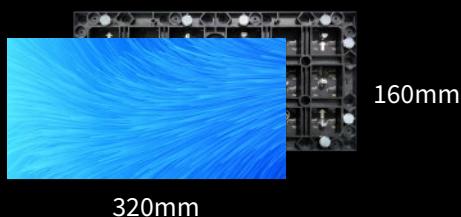


## Magnetic Mounting Design, Ultimate Flatness

The rear features a magnetic mounting design, allowing independent adjustment of magnet height to ensure precise and even flatness across the display surface.

## Broad Compatibility with Various Cabinet Sizes

The module adopts a standardized 320 x 160mm size, compatible with different die-cast cabinet sizes such as 320 x 480mm, 640 x 480mm, and 960 x 480mm.



\*The actual appearance may vary depending on reality.  
(Optional cabinets are available.)

## SPECIFICATIONS

Module Size (W×H×D)/(mm)	320 x 160		
Model	UMC3216-12VA	UMC3216-15VA	UMC3216-18VA
Pixel Pitch (mm)	P1.25	P1.5385	P1.86
Panel Technology	COB	COB	COB
Module Resolution	256 x 128	208 x 104	172 x 86
Gray Scale(Bits)	13	13	13
Brightness(cd/m <sup>2</sup> )	600	600	600
Viewing Angle(H./V.)	170°/170°	170°/170°	170°/170°
Colour Temperature(K)	3000 ~ 9300(adjustable)	3000 ~ 9300(adjustable)	3000 ~ 9300(adjustable)
Refresh Rate (Hz)	3840	3840	3840
Power Consumption Max (W/m <sup>2</sup> )	450	450	450
Power Consumption Typical (W/m <sup>2</sup> )	150	150	150
Working Voltage	AC: 100V~240V, 50/60Hz	AC: 100V~240V, 50/60Hz	AC: 100V~240V, 50/60Hz
Lifetime(Hours)	100,000	100,000	100,000
Operating Temp(°C)	-10 ~ +50	-10 ~ +50	-10 ~ +50
Humidity Range(%RH)	10 ~ 80	10 ~ 80	10 ~ 80