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Unless specified to the contrary, the values given have been established on standardized test specimens at standard environment. The figures should be regarded as guide values only and not as binding minimum values of our products. Kindly note that: under certain conditions, the properties can be affected to a considerable extent by the input voltage, working environment and the operation mode.

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AOTO APP

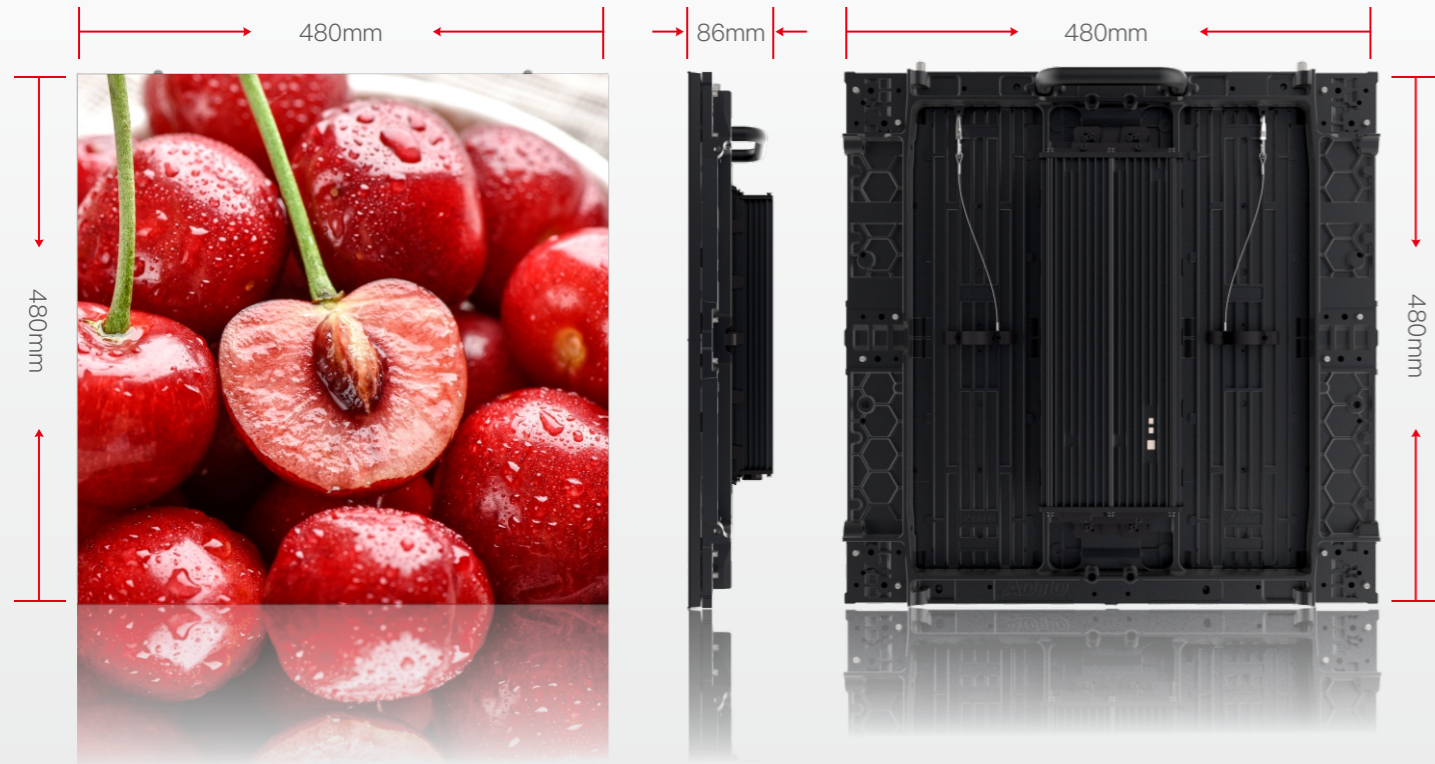
MXC Series LED Display

Slim, Simple, Sharp

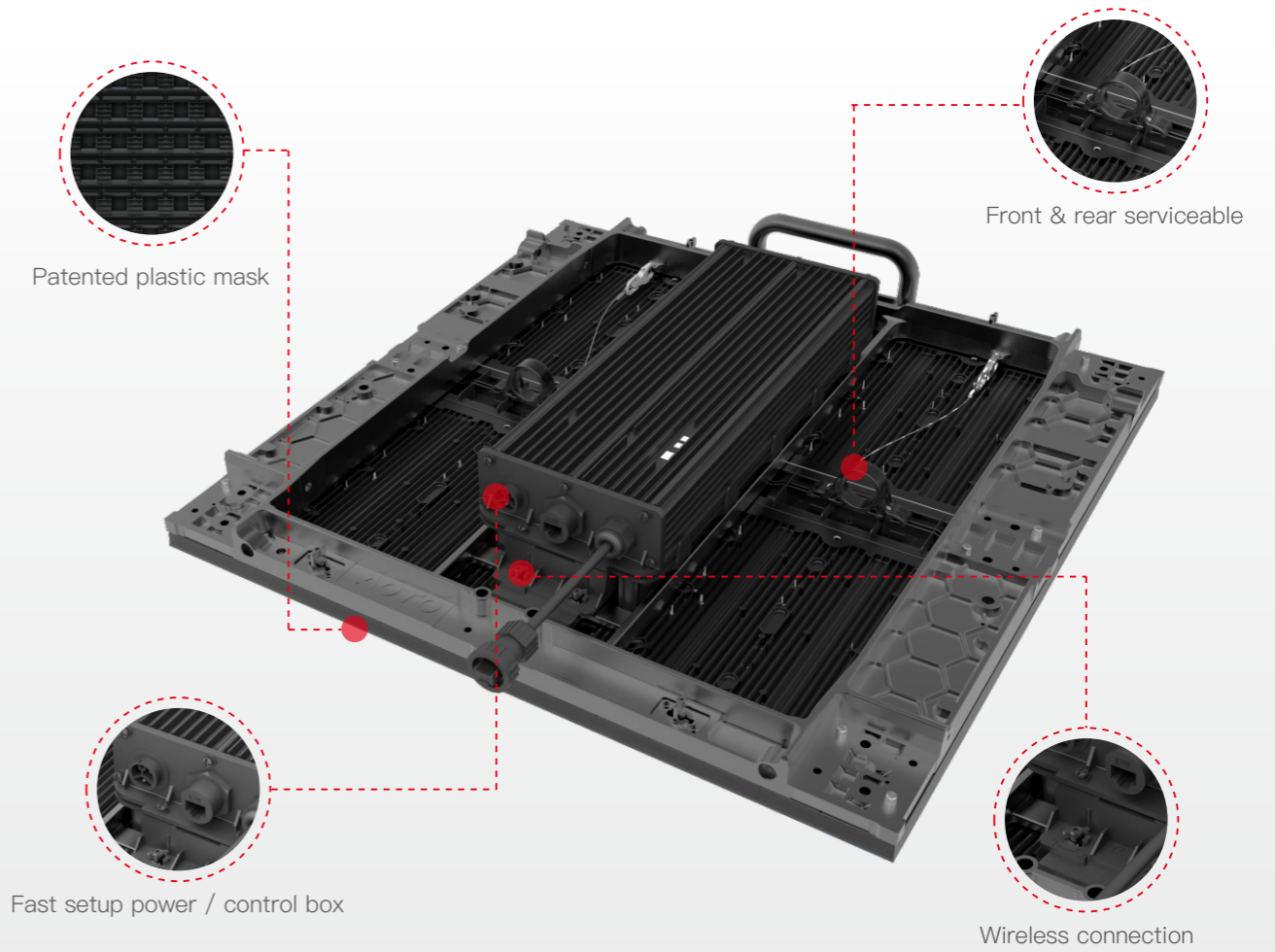


MXC Series

MXC Series is die-casting aluminum structure, light weight and can be used for seamless right angle splicing and kinds of shape seamless splicing. Patented mask design, special cooling system and the professional front access tool make a new standard for LED display industry.



Structural features



Specifications (Indoor)

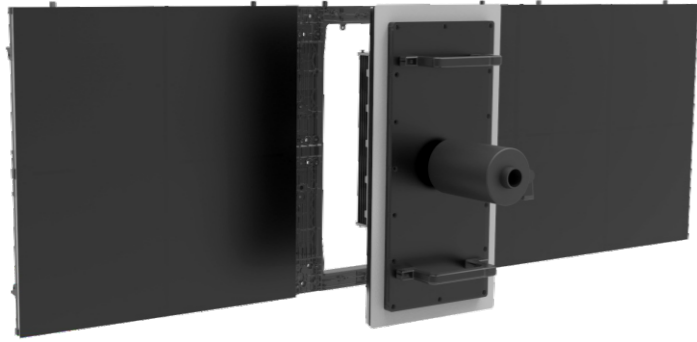
Model	M1.2C	M1.5C	M1.8C	M2.5C	M3C	M4C-I	M4.8C-I	M6C-I
Pixel pitch (mm)	1.29	1.58	1.87	2.5	3	4	4.8	6
Calibrated brightness (nits)	800 – 2,000							
LED type	SMD 3 in 1							
Color processing depth	24 bit					20 bit		
Size (W x H)	480 (mm) x 480 (mm)							
Lifespan	100,000 hrs							
IP rating	IP40							
Operating environment	Temperature: -10°C – 40°C; Humidity: 10% – 90%RH							

Specifications (Outdoor)

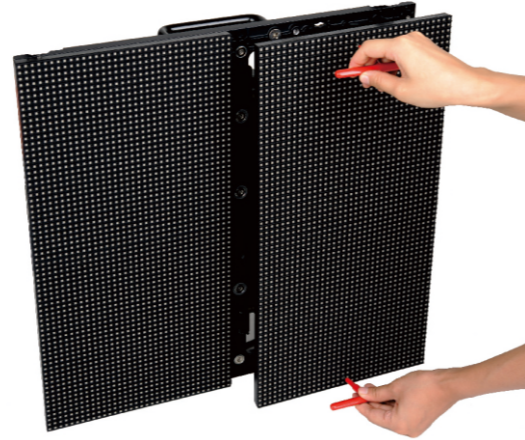
Model	M2.8C	M3.8C	M4.8C	M5.8C	M6.8C	M8C	M10C
Pixel pitch (mm)	2.85	3.87	4.8	5.85	6.85	8	10
Calibrated brightness (nits)	6,000						
LED type	SMD 3 in 1						
Color processing depth	20 bit						
Size (W x H)	480 (mm) x 480 (mm)						
Lifespan	100,000 hrs						
IP rating	IP65						
Operating environment	Temperature: -20°C – 50°C; Humidity: 10% – 90%RH						

Maintenance and Installation

Front & rear serviceable



Maintenance by magnetic tool(Indoor)



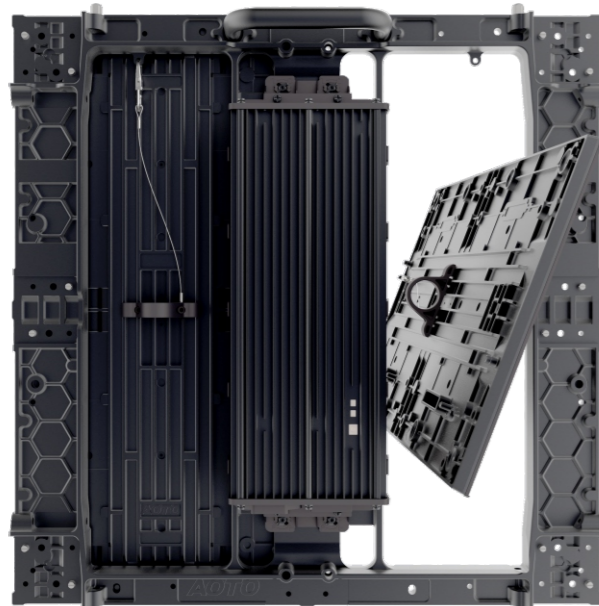
Screw driver maintenance tool(Outdoor)

Curved Installation

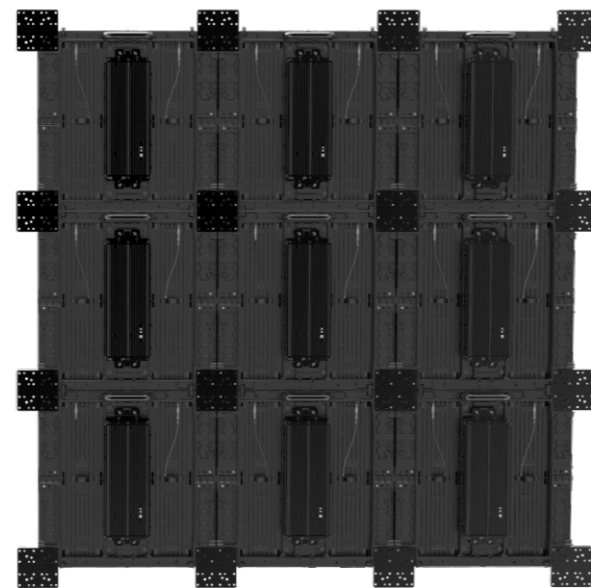


Curved connector to create convex or concave walls

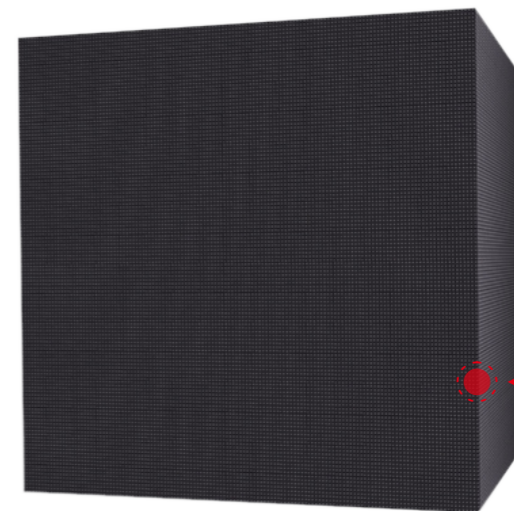
Rectangular Installation



Post maintenance



Solid and precision
mechanical structure



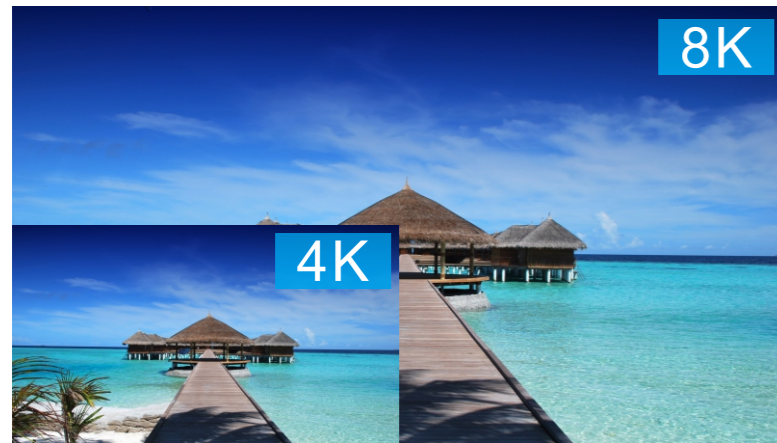
Rectangular stitching Perfect transition



Superior Image Quality

8K control and 24 bit color process depth

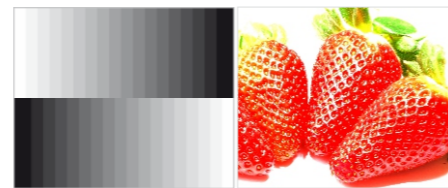
AOTO's 8K 24 bit LED control system has the largest capacity, and highest color processing depth in the world. With super large 8K loading capacity, 24 bit color processing depth and super gray scale processing capability, with the best color reproduction and super high resolution, maximizing advertising impact and brand reputation.



8K and 24 bit



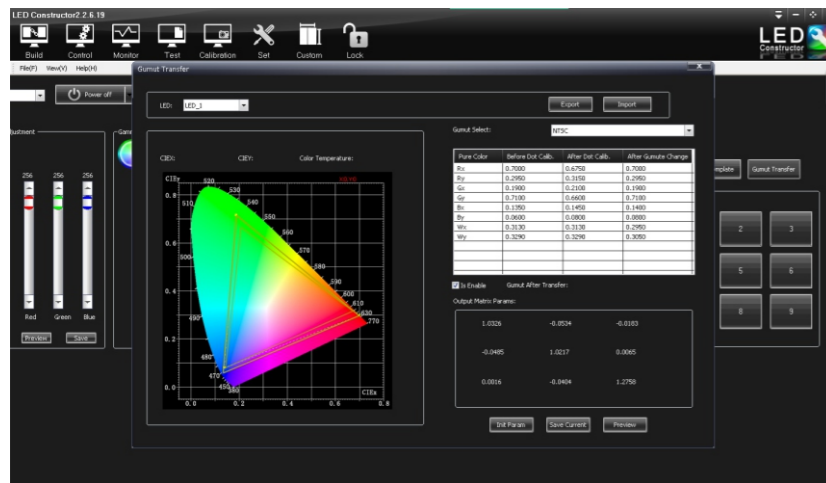
24 bit color process depth



16 bit color process depth

HDR Wide Color Gamut

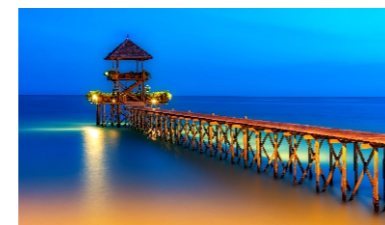
Through the HDR controller to adjust the gain and the parameters of our LED color gamut, achieve the high contrast of showing performance with better color reproduction.



HDR Wide Color Gamut & Enhance Image Quality



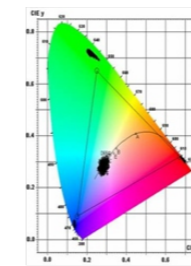
Low Contrast



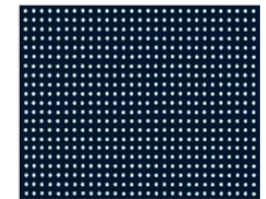
High Contrast

Brightness & Chroma Pixel-level calibration

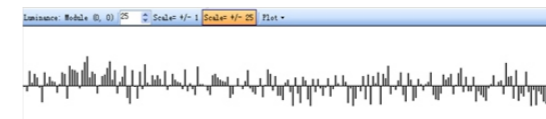
Color calibration is a core technology which is used to enhance the bright uniformity and color fidelity of the LED display. Collecting each pixel (or each color sub-pixels) brightness region (and color) data and getting the correction coefficient for each sub-matrix color or correction coefficient matrix for each pixel, the data are fed back to the control system of the display and the system apply the result to respectively driving each pixel (or each color sub-pixel), the LED display image color gets real restore finally.



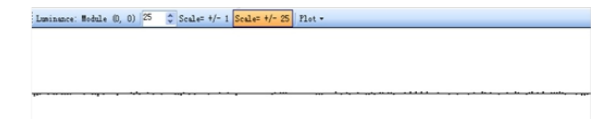
Color coordinate before calibration



Color coordinate after calibration



The brightness discrepancy before calibration



The brightness discrepancy after calibration

LED Software - AOTO LED Constructor

AOTO software is designed for installation and events application, which has friendly and easy operation interface. Based on customer requirements study, we also include unique features, such as edge compensation and flexible configuration.



Software interface



Color temperature/ Gamma/Brightness adjustment