DISCLAIMER

AOTO® | **25th ANNIVERSARY**

LED Application Expert

MXC Series LED Display

Slim,Simple,Sharp

24 Bit	CALIBRATION	Low Energy	IP65 Protection	Contrast	Low Noise	Light Weight	Modular	Curveable	Rugged	Broadcast	Quick setup	Rear Front Access	3D Ready

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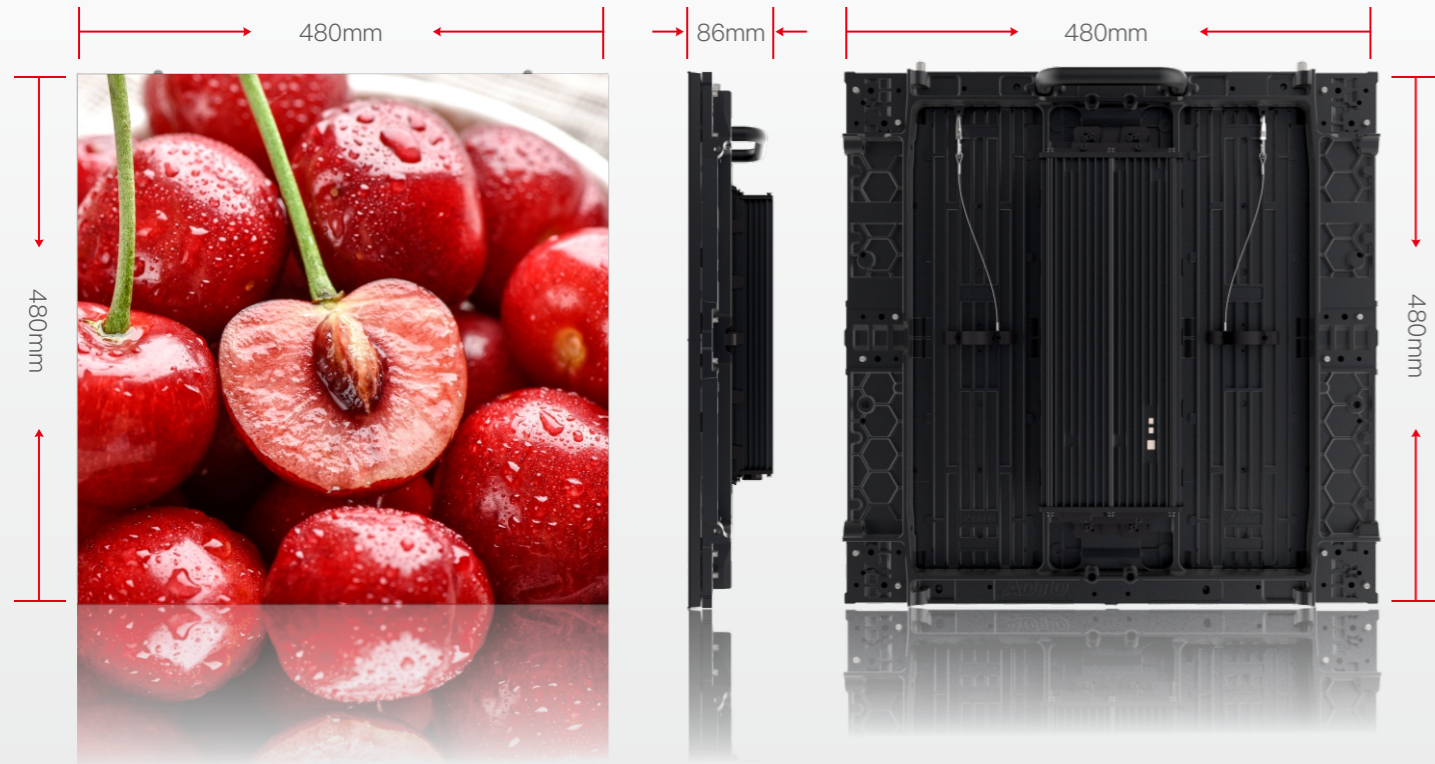
E–mail: led@aoto.com 　　　http://www.aoto.com
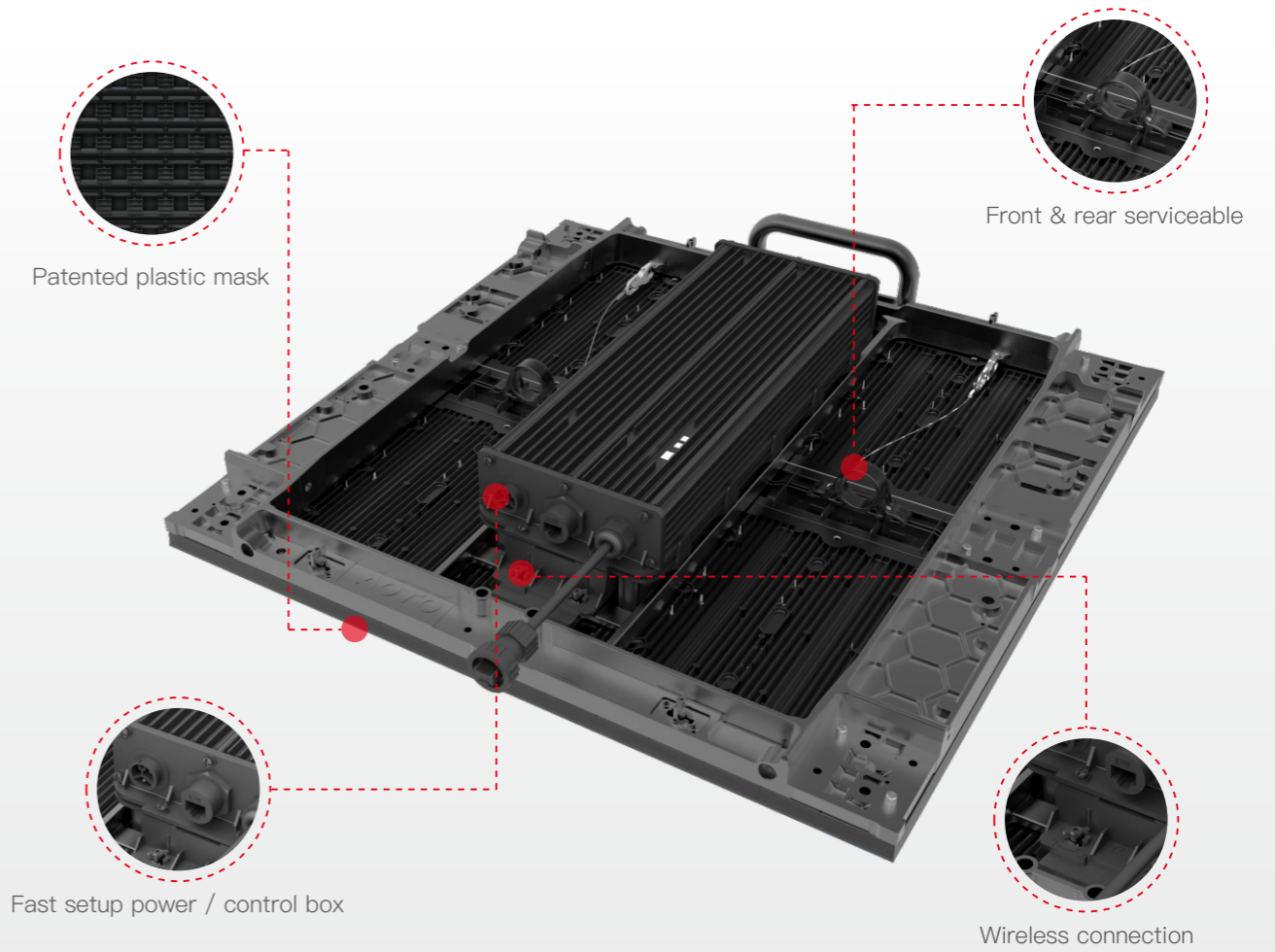
AOTO APP

SINCE 1993

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.

480mm

86mm

480mm

480mm

480mm

Structural features

Patented plastic mask

Front & rear serviceable

Fast setup power / control box

Wireless connection

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							
Golor 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						
Golor 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						

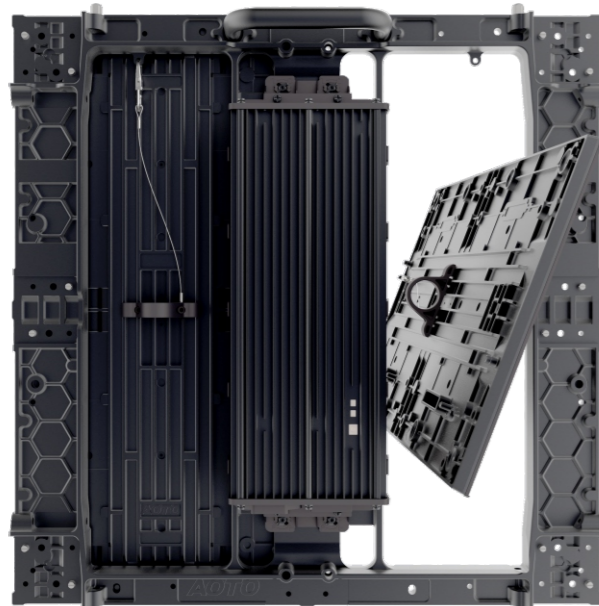## Front & rear serviceable
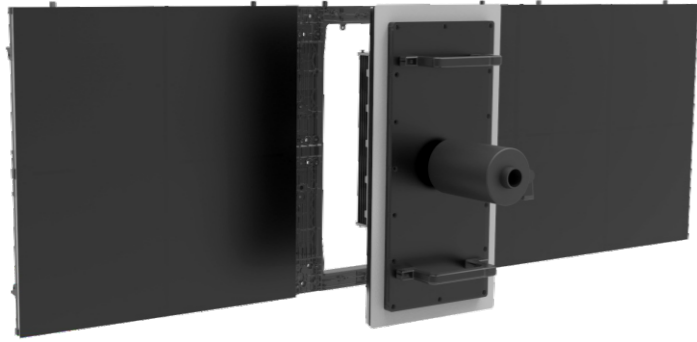
Maintenance by magnetic tool(Indoor)
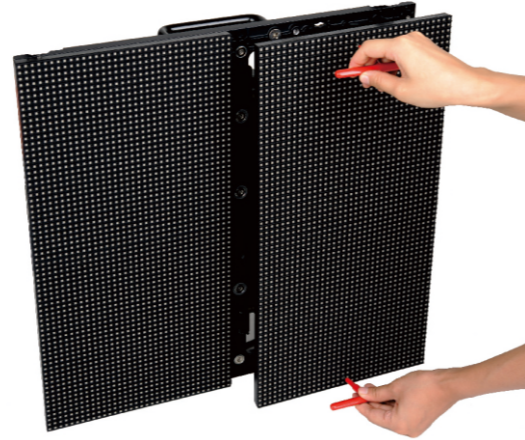
Screw driver maintenance tool(Outdoor)

Post maintenance

Solid and precision
mechnical structure

Curved Installation

Curved connector to create convex or concave walls

Rectangular Installation
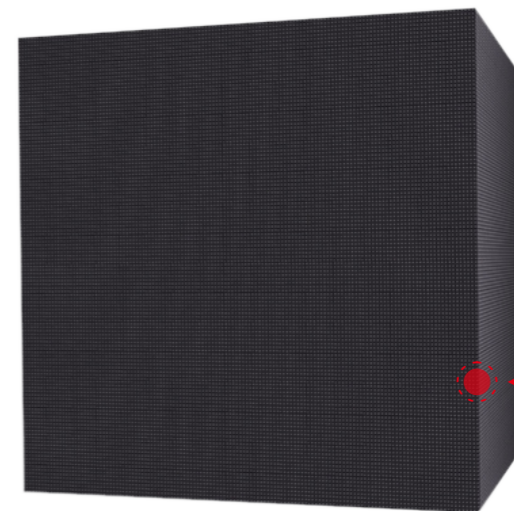
Rectangular stitching Perfect transition

Superior Image Quality
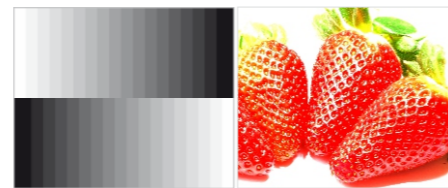
8K control and 24 bit color process depth

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.
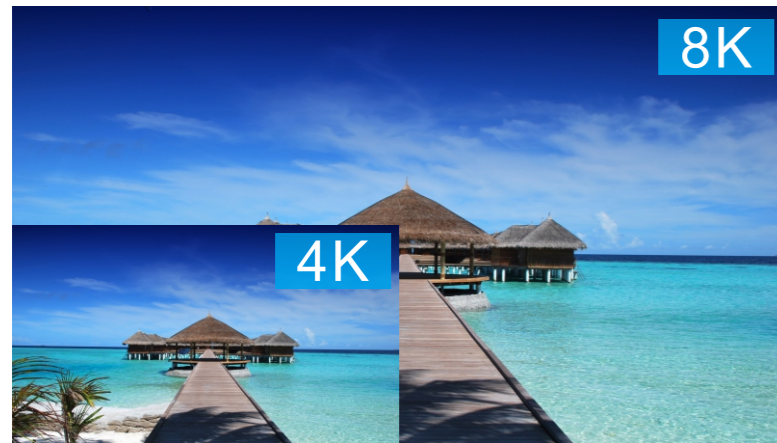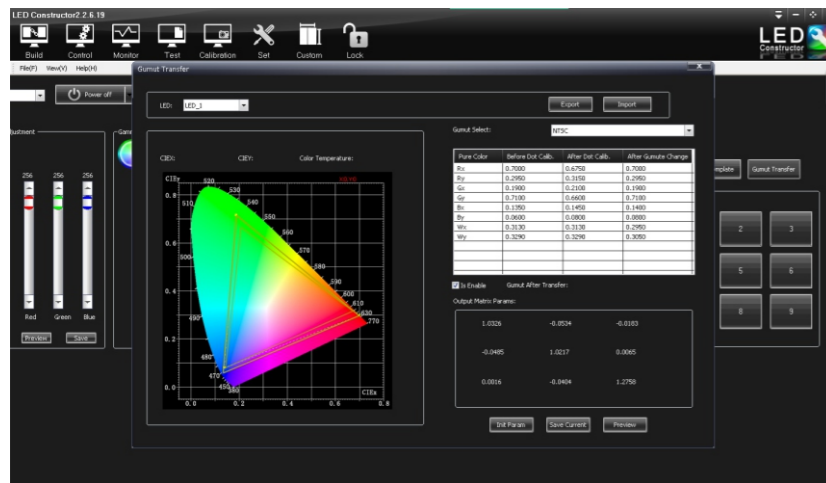

8K and 24 bit

24 bit color process depth

16 bit color process depth
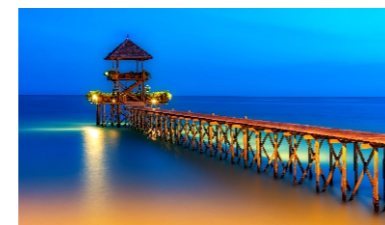
HDR Wide Color Gamut

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.
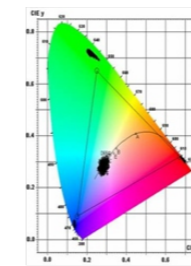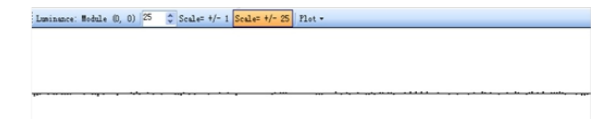

Color coordinate before calibration
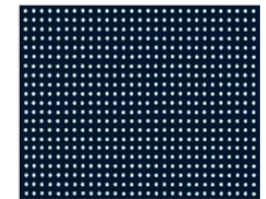
Color coordinate after calibration
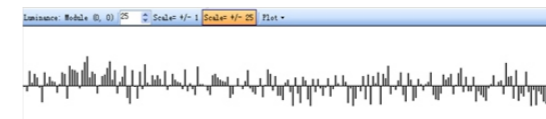
The brightness discrepancy before calibration

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