AOTO

MXH Ceiling Displays

High Brightness 6000nits (MAX)

High Refresh Rate 7680Hz (MAX)

Wide Viewing Angle (No Mask Design)

front & rear maintenance

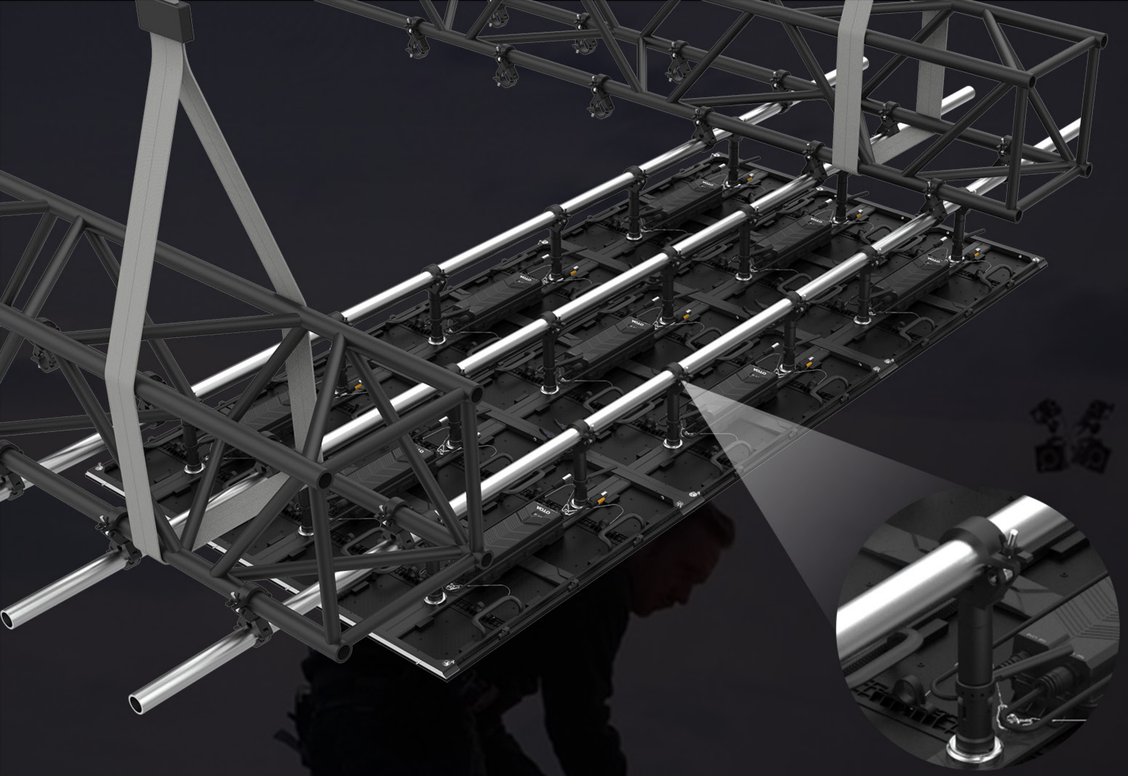
high robustness

lightweight structure

High Brightness

High Refresh Rate

170° Wide Viewing Angle



Unparalleled ceiling design, easy installation

Multiple scenarios applications

Die-casting Aluminum
Lightweight structure

MXH Series Specifications

Model	M3.7H	M3.7H (High brightness)	M4.8H	M5.8H	M3.7H(Outdoors)
Pixel Pitch	3.75 mm	3.75 mm	4.8 mm	5.85mm	3.75 mm
Type Of Led	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Density	70,756	70,756	43,402	29,854	70,756
Pixel Composition	1R 1G 1B	1R 1G 1B	1R 1G 1B	1R 1G 1B	1R 1G 1B
Module Resolution	64 x 128	64 x 128	50 x 100	41 x 82	64 x 128
Module Size	240 x 480	240 x 480	240 x 480	240 x 480	240 x 480
Cabinet Resolution	128 x 256	128 x 256	100 x 200	82 x 164	128 x 256
Cabinet Size	480 x 960	480 x 960	480 x 960	480 x 960	480 x 960
Cabinet Area	0.4608 m^2	0.4608 m^2	0.4608 m^2	0.4608 m^2	0.4608 m^2
Cabinet Weight	9.5±0.5	9.5±0.5	9.5±0.5	9.5±0.5	9.5±0.5
Cabinet Material And Color	Aluminum alloy, black				
Calibrated Brightness	2500 nits	5000 nits	2500 nits	6000nits	5000nits
Contrast Ratio	3000:1	5000:1	3000:1	5000:1	5000:1
Color Processing Depth	20 bit				
Refresh Rate	3,840 Hz				
Viewing Angle	Horizontal: 160°±10°;Vertical: 160°±10°				
Input Voltage	AC100 V to AC240 V， 50 or 60 Hz				
Maximum Power Consumption	150	180	180	200	180
Average Power Consumption	70	70	75	90	80
IP Grade	IP30	IP30	IP30	IP30	IP54
Maintenance	Front & Rear				
Lifespan	100,000 hours				
Operating Environment	Temperature: -10℃—40℃ / Humidity: 10% - 80% RH				Temperature: -20℃—50℃ Humidity: 10% - 90% RH

This parameter comes from laboratory test data, but it may be slightly different due to individual product differences, software versions, use conditions and environmental factors. Please refer to the actual use.