

# MH & MH Plus Series

## SPECIFICATION

Parameter Item	MH1.2 -G Plus	MH1.5 -G Plus	MH1.8 -G Plus	MH2 -G Plus	MH2.5 -G Plus	MH1.2 -A Plus	MH1.5 -A Plus	MH1.8 -A Plus	MH2 -A Plus	MH2.5 -A Plus
Pixel Pitch (mm)	1.25	1.538	1.86	2.0	2.5	1.25	1.538	1.86	2.0	2.5
Pixel Density (pixels/sqm)	640,000	422,500	288,906	250,000	160,000	640,000	422,500	288,906	250,000	160,000
Module Resolution	256x128	208x104	172x86	160x80	128x64	256x128	208x104	172x86	160x80	128x64
Cabinet Resolution	512x512	416x416	344x344	320x320	256x256	512x512	416x416	344x344	320x320	256x256
Mask	No	Optional	No	No	No	No	Optional	No	No	Optional
Lamp Type	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121
Cabinet Size (mm)	640x640x74					640x640x67				
Cabinet Weight (kg)	9.7±0.5					10.5±0.5				
Brightness (cd/sqm)	≥500	≥450	≥450	≥450	≥600	≥500	≥450	≥450	≥450	≥600
Gray Scale (Bit)	12~16					12~16				
Color Temp (k)	3000~15000					3000~15000				
Control System	Synchronous Control					Synchronous Control				
Protection Level	Front IP31, Rear IP43					Front IP31, Rear IP43				
Intelligent Storage	NO					AI Intelligent Storage				
Frame Frequency (Hz)	50/60FPS~120FPS (3D)					50/60FPS~120FPS (3D)				
Refresh Rate (Hz)	1920/3840(Optional)					3840				
Working Voltage	AC:100V~240V, 50/60Hz					AC:100V~240V, 50/60Hz				
Power Consumption (W/ m <sup>2</sup> )	Max:≤490,Ave:≤165					Max:≤490,Ave:≤165				
Lifetime (hrs)	100,000					100,000				
Operating Temp (°C)	-10 ~ +40					-10 ~ +40				
Storage Temp (°C)	-20~+60					-20~+60				
Humidity Range(Rh)	10%~80%, Non-condensing					10%~80%, Non-condensing				
Pixel Correction	Brightness And Color Correction					Brightness And Color Correction				

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Parameter Item	MH1.2-G	MH1.5-G	MH1.8-G	MH2.0-G	MH2.5-G	MH1.2-A	MH1.5-A	MH1.8-A	MH2.0-A	MH2.5-A
Pixel Pitch (mm)	1.25	1.538	1.86	2.0	2.5	1.25	1.538	1.86	2.0	2.5
Pixel Density (pixels/sqm)	640,000	422,500	288,906	250,000	160,000	640,000	422,500	288,906	250,000	160,000
Module Resolution	512×384	416×312	344×258	320×240	256×192	512×384	416×312	344×258	320×240	256×192
Mask	No	Optional	No	No	Optional	No	Optional	No	No	Optional
Lamp Type	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121
Cabinet Size (mm)	640×480×65.5					640×480×65.5				
Cabinet Weight (kg)	7.7±0.05					7.8±0.05				
Brightness (cd/sqm)	750	650								
Gray Scale (Bit)	12~16									
Color Temp (k)	2500~10000									
Control System	Synchronous Control									
Protection Level	Front IP31, Rear IP41									
Intelligent Storage	NO					AI Intelligent Storage				
Frame Frequency (Hz)	50/60FPS~120FPS (3D)									
Refresh Rate(Hz)	1920/3840(Optional)									
Working Voltage	AC:100V~240V, 50/60Hz									
Power Consumption (W/ m <sup>2</sup> )	Max:≤460 Ave:≤160	Max:≤370 Ave:≤125			Max:≤420 Ave:≤140	Max:≤460 Ave:≤155	Max:≤370 Ave:≤125			Max:≤420 Ave:≤140
Lifetime (hrs)	100,000									
Operating Temp (°C)	-10~+40									
Storage Temp (°C)	-25~+60									
Humidity Range(Rh)	10%~80%, Non-condensing									
Pixel Correction	Brightness And Color Correction									