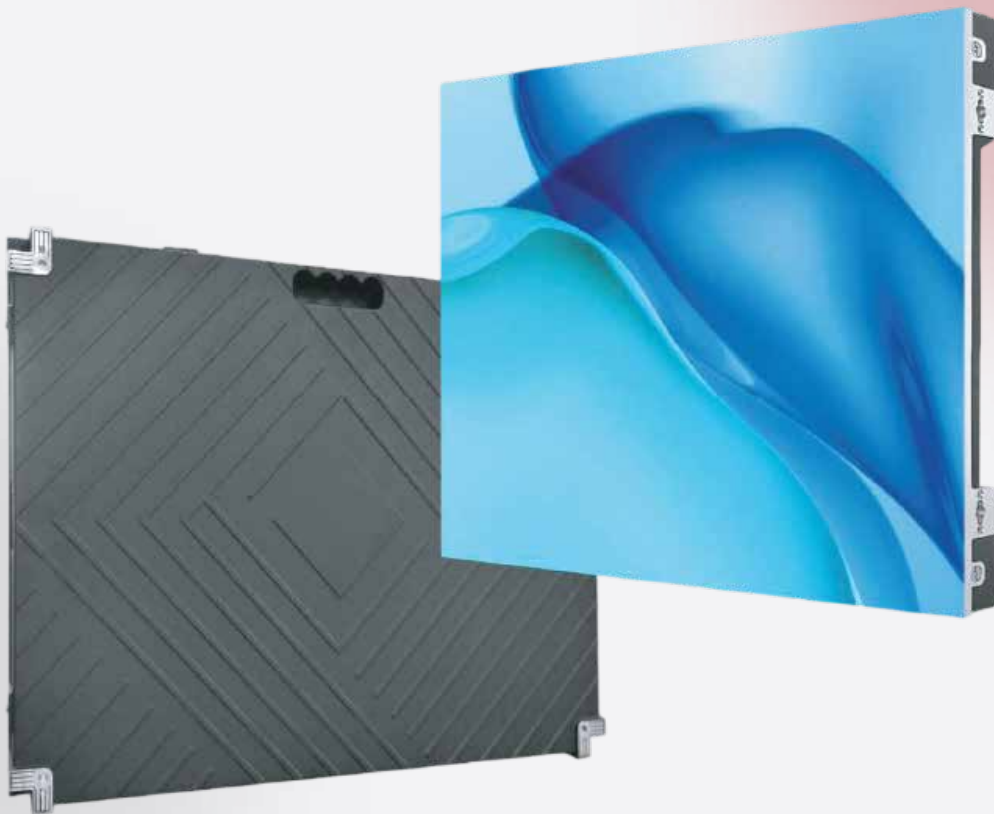
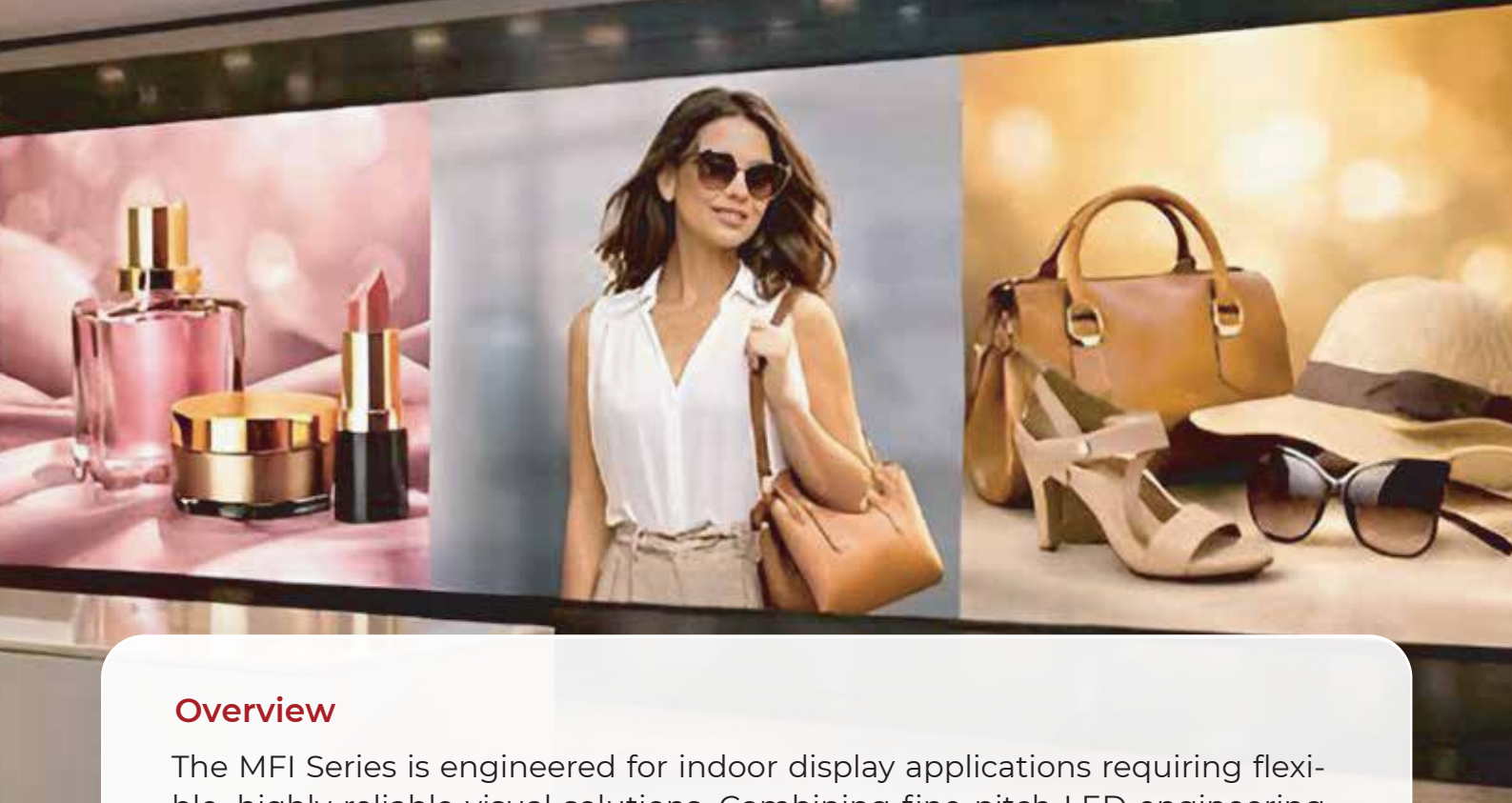


MFI Series

Indoor Architectural Versatility.
Pure Visual Brilliance.





Overview

The MFI Series is engineered for indoor display applications requiring flexible, highly reliable visual solutions. Combining fine-pitch LED engineering with full front maintenance, it provides vibrant image clarity, ultra-smooth motion, and low power consumption. Designed for versatile architectural setups, the MFI Series delivers consistent color performance and operational durability across corporate and commercial environments.

KEY ADVANTAGES



Enhanced Visual Contrast

Delivers deep blacks and smooth grayscale depth to ensure vibrant, true-to-life content presentation.



Energy-Efficient Drive

Optimized low-power design delivers efficient energy usage to maintain continuous 24/7 commercial operation.



Comprehensive Pitch Range

Offers pixel pitch options from 1.25mm to 4.0mm to optimize visual resolution across varied viewing distances.



High Refresh Rate

Features up to 3840Hz refresh rate driver ICs for flicker-free visuals in camera-ready broadcast environments.



Full Front Maintenance

Designed with complete front-access serviceability to simplify module maintenance in space-constrained setups.



Flexible Indoor Architecture

Versatile module design tailored for seamless indoor wall mounting and custom architectural installations.

Technical Specifications

MFI Series · 1.25 | 1.53 | 1.86 | 2.0 | 2.5 | 3.0 | 4.0 mm pixel pitch

	LED Type	SMD 1010	SMD 1212	SMD1515			SMD2121	
Mechanical Parameters	Pixel Pitch (mm)	1.25	1.53	1.86	2.0	2.5	3.0	4.0
	Module Resolution (Pixels)	256 x 128	209 x 104	172 x 86	160 x 80	128 x 64	104 x 52	80 x 40
	Module Size (mm)	320 (W) × 160 (H)						
	Pixel Density (dot/m2)	640,000	427,186	289,050	250,000	160,000	105,625	62,500
	Cabinet Size (mm)	640 x 480 x 48						
	Cabinet Weight (kg)	< 7kg						
	Flatness (mm)	≤0.3						
	Ingress Protections (IP)	30/30 (Front/Rear)						
	Maintenance	Full Front Maintenance						
	Brightness (nits) @ 6500K	500 - 700						
Optical Parameters	Color Temperature (K)	3200-14000 adjustable						
	Viewing Angle (H/V)°	140° /140°						
	Brightness/Color Uniformity	≥98%						
	Center Point Deviation	<3%						
	Max/Average Power Consumption	360 (Max), 140 (Average)(W/pc)						
	Contrast Ratio	100,000:1						
Electrical Parameters	Voltage Range	AC110-220V						
	Frame Rate (Hz)	50 & 60						
Processing Performance	Drive Mode	Constant Current Drive						
	Gray Scale	14 bits						
	Refresh Rate (Hz)	3840Hz						
	Color Figures	14 bits						
	Life Time (hrs)	100,000 hrs						
Operating Parameters	Operating Temperature /Humidity Range (°C/RH)	-10°C to +40°C / 10%-80%RH (non-condensing)						
	Storage Temperature /Humidity Range (°C/RH)	-40°C to +85°C / 10%-85%RH(non-condensing)						