

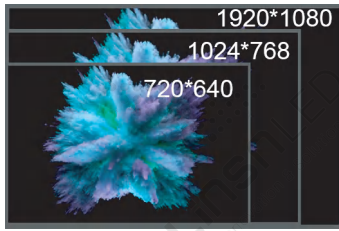
# Fine Pixel LED Display

## MA640 Series

Indoor installation, no need to reserve the maintenance channel; module, power supply, and receiving card can all be replaced from the front! Save space and reduce frame costs.



MA640-P1.25/1.53/1.66/1.86/2/2.5



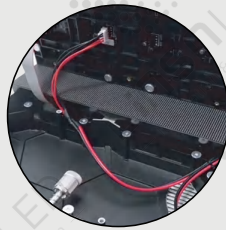
Custom output resolution by yourself



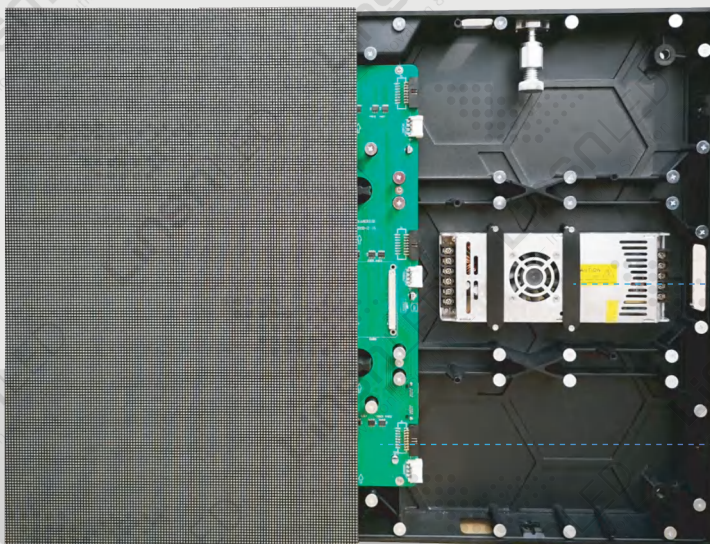
Adapt to the scaling picture point to point automatically



Infinite split screen



3-second front maintenance, simplified maintenance process. Save time, labor, and money. Magnetic front service allows for 1-second module disassembly.



Magnetic installation, module can be replaced in front.

Power supply can be replaced in front.

Receiving card can be replaced in front.

## Focus on Details

- The cabinet is made of magnesium alloy, which is light in weight, thin in thickness.
- Elegant in appearance. Wall-mounting installation, complete front maintenance.
- Perfect flatness, easy to install and disassemble.
- Simple internal wiring, which perfectly realizes the splicing of the cabinet.
- Good heat dissipation, no noise, energy-saving and environmental-friendly.
- Perfect design of PCB board.
- High-end selection of IC, easy to achieve high gray, high refresh rate, high brightness.
- Widely used in commercial display, indoor fixed advertising, auditorium, conference room, and banquet.

**640x480mm cabinet size, it can be assembled with a variety of 4:3 and 16:9 LED large screens**, directly mounted on the wall, saving space and labor. The same proportion of video source as LCD, directly replacing the original LCD. Widely used in auditoriums, conference rooms, banquet halls, security monitoring, and command systems.



High Quality With Global Standards,  
CE EMC, RoHs, FCC Certificated.

## Specification

	Pixel Pitch	P1.25mm	P1.53mm	P1.66mm	P1.86mm	P2mm	P2.5mm	
Technical Parameters	LED	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2121	
	Module Resolution (dots)	256*128	208*104	192*96	172*86	160*80	128*64	
	Module Size (mm)	320*160						
	Cabinet Resolution (dots)	512*384	416*312	384*288	344*258	340*240	256*192	
	Cabinet Size (mm)	640mm*480mm*(WxH)						
	Pixel Density (dots/m <sup>2</sup> )	196608	129792	110592	88752	81600	49152	
	Serviceability	Full front service						
	Protection Level (Front/Rear)	IP50						
	Weight	7.5kg						
Optical Parameters	Grey Level (bit)	14						
	Brightness (cd/m <sup>2</sup> )	650	650	650	750	750	800	
	Contrast	6000:1						
	Color Gamut	≥90% NTSC						
	Refresh Rate (Hz)	3840						
	Hor. viewing angle	160°						
	Vert. viewing angle	140°						
	Brightness Uniformity	≥95%						