

# YA Series

## Ultra HD Indoor Fine Pitch LED Flexible Display

### Introduction

YA series is an ultra high-definition product independently developed for the market of fine-pitch LED display, which is mainly used for display applications in various control fields such as planning museum, science and technology museum, urban planning museum, art museum, museum and creative center.

### Features

#### ◆ High Precision:

Cabinet adopts high-strength sheet metal sandblasting iron box, and unique segmental splicing process, which effectively reduces the splicing gap of the screen.

#### ◆ Easy to Maintain:

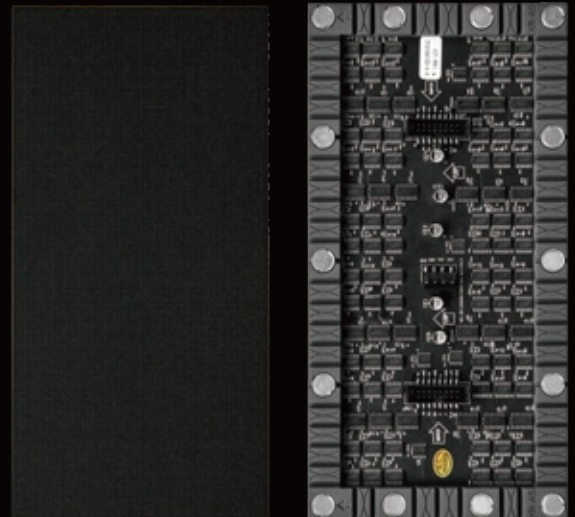
The module adopts strongly-magnetic adsorption-type mounting, and the design of front maintenance on power box. In special scenarios, the front mouting can be realized, and front maintenance can also be supported with specific tools.

#### ◆ Easy to Mold:

PCB board adopting flexible soft board, with only 8.6mm module thickness, ultra-thin in design, occupying small space.

#### ◆ Low Power Consumption:

Common-cathode design, achieves energy saving, low power consumption, high refresh, HDR highly-dynamic image display, 16bit high gray scale and low brightness.





	YA2112	YA2115	YA2116	YA2118	YA2120	YA2125	YA3130	YA3140
<b>Pixel Structure</b>	SMD1010	SMD1010	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
<b>Pixel Pitch (mm)</b>	1.25	1.57	1.66	1.87	2.0	2.5	3.0	4.0
<b>Module Size (mm)</b>	240*120							
<b>Module Resolution(W×H)</b>	192*94	152*76	144*72	128*64	120*60	96*48	80*40	60*30
<b>Pixel Density(Dots/m²)</b>	640000	401111	360000	284444	250000	160000	111111	62500
<b>Cabinet Flatness</b>	≤0.1mm							
<b>Brightness</b>	0-600cd/m²(Adjustable)							
<b>Color Temperature (K)</b>	2000~12000(Adjustable)							
<b>Full Screen View (H/V)</b>	160°/160°							
<b>Center Distance Deviation of Luminescent Point</b>	<3%							
<b>Luminance Uniformity</b>	≥98%							
<b>Chroma Uniformity</b>	±0.0035 Within Cx,Cy							
<b>Contrast</b>	6000:1							
<b>Peak Power</b>	≤500W/m²(600nit Test under white balance)							
<b>Average Power</b>	≤200W/m²							
<b>Power Requirements</b>	AC100~240V(50~60Hz)							
<b>Drive Mode</b>	Constant current drive							
<b>Frame Rate</b>	50/60Hz							
<b>Refresh Rate</b>	2880-3840Hz							
<b>Gray Grade</b>	14bit							
<b>Maintenance Mode</b>	Fully-front service							
<b>Protection Grade</b>	IP40/IP21							

## SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

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Company  
Official Website

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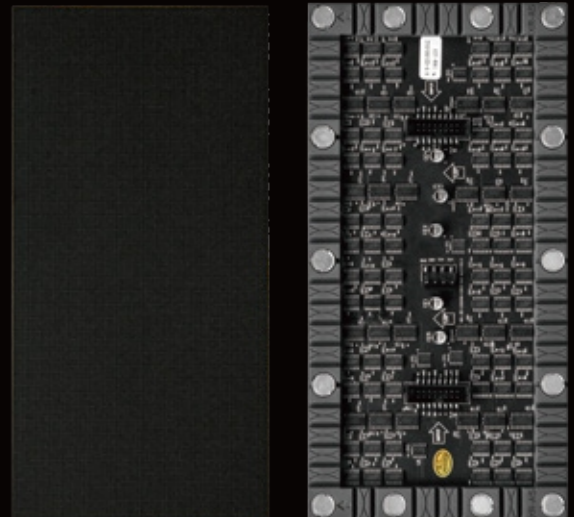
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	YA251220	YA251240	YA3115	YA3118	YA3120	YA3125	YA3130	YA3140
<b>Pixel Structure</b>	SMD1515	SMD2020	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020
<b>Pixel Pitch (mm)</b>	2.0	4.0	1.56	1.86	2.0	2.5	3.07	4.0
<b>Module Size (mm)</b>	256*128		320*160					
<b>Module Resolution(W×H)</b>	128*64	64*32	204*102	172*86	160*80	128*64	104*52	80*40
<b>Pixel Density(Dots/m²)</b>	250000	62500	406731	289050	250000	160000	105688	62500
<b>Cabinet Flatness</b>	≤0.1mm							
<b>Brightness</b>	0-600cd/m²(Adjustable)							
<b>Color Temperature (K)</b>	≤12000 adjustable							
<b>Full Screen View (H/V)</b>	≥160°/≥140°							
<b>Center Distance Deviation of Luminescent Point</b>	<3%							
<b>Luminance Uniformity</b>	≥98%							
<b>Chroma Uniformity</b>	±0.0035 Within Cx,Cy							
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<b>Power Requirements</b>	AC100~240V(50~60Hz)							
<b>Drive Mode</b>	Constant current drive							
<b>Frame Rate</b>	50/60Hz							
<b>Refresh Rate</b>	2880-3840Hz							
<b>Gray Grade</b>	14-16bit							
<b>Maintenance Mode</b>	Fully-front service							
<b>Protection Grade</b>	IP40/IP30/IP21							

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