Flexible LED Display Large And Wide Angle Display With Beautiful Colorful Effects XR-A

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Googol
- Certification: CE，FAD，ROHS
- Model Number: XR-A
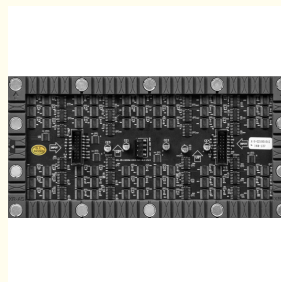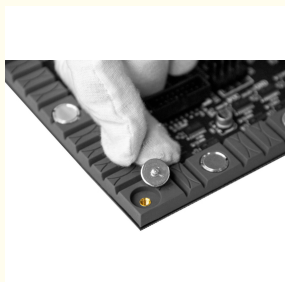

Product Specification

- Highlight: **XR-A Flexible LED Display**,
                    Beautiful Flexible LED Display,
                    Colorful flexible led screen panel

More Images

Product Description

1. Product introduction

In order to ensure you a better and faster understanding ofour products, please read this specification carefully

The invention of flexible LED display screen ingenuity comes from the traditional soft light bar. On this basiswe have improved the technology of the display screen, combined with the traditional plane hard module, andinjected the concept of flexible beauty, large and wide angle display, which broke the technical system of thetraditional display screen and showed the soft and colorful side of the modern display. At the same time, thedevelopment of new technology, but also gives its convenient installation and eficient construction efficiency

Flexible LED module can be assembled into different curved surface display screen according to theinstallation requirements, covering the typical cylindrical screen, spherical screen and many other "soft"for the United States, giving the viewer a more wonderful, more colorful visual experience. We have beencommitted to the development and innovation of LED display screen, so for this specification introducedin the products and parameters, will be adjusted and updated from time to time, we do not have separatenotice, please continue to pay attention to us. lf this article can help your use, we are very pleased.

If you need more accurate services or have better suggestions, please contact us withyour contact information, we will do our best to provide you with professional support.

Finally, thank you again for choosing our products!

2. Product Features:

1 Modular standard size design 240mmx120mm, low current, low heat, high contrast, high refresh;

2 XR soft module series is suitable for cylindrical screen, spiral screen, wave screen, ribbon screenand other artistic modeling, application scenarios, planning museum, science and technologymuseum, urban planning museum, art museum, museum, creative center, etc.

3 The box structure adopts high-strength sheet metal sandblasting iron box, unique segmentedsplicing process, effectively reducing the splicing gap of the screen body;

4 The module adopts the strong magnetic absorption type installation, the magnet level up degree isadjustable, improves the entire screen flatness, the power front maintenance design, the special scene, mayrealize the front installation, cooperates the specific tool to be possible to satisfy the front maintenance;

5 The PCB board adopts flexible soft board, and the bottom shell adopts siica gel materal, which has good fexbiity and good resistance to static electridty

6 Module thickness is only 8.6mm, ultra-thin design, small footprint;

The PCB board is welded with copper column and glued back to form a lockable iron seat withthe bottom shell, making the module more solid and reliable;

7 Veneer matching 14 magnets, a single magnetic content of 2000Gs, to solve the general softmodule of the debonding, warping problems, effectively improve the level up degree of screenbody and the use of the effect;

3. Key Parameters

Prat Number		XR-A0.9375 Common Cathode	XR-A1.25	XR-A1.579	XR-A1.667	XR-A1.875	XR-A2	XR-A2.5	XR-A3	XR-A3	XR-A4
	LED Configuration	1R1G1B(Full Color)									
	LED	Mini LED (Four In One)	SMD 1010 CHIP	SMD 1212	SMD 1212	SMD 1515	SMD 1515	SMD 1515	SMD 1515	SMD 2020	SMD 2020
	Pixel Density (dot/㎡)	1137775	640000	401110	359999	2844444	250000	160000	111111	111111	62500
	Module Size (mm)(LxWxH)	240x120x8.4	240x120x8.6								
	Module Resolution	256X128	192X96	152X76	144X72	128X64	120X60	96X48	80X40	80X40	60X30
	Drive Mode/S	64	48	38	36	32	30	24	20	20	15

Category	Parameter	PWM (Common Cathode)	PWM	PWM	PWM	PWM	PWM	Double Buffers or PWM	Double Buffers	Double Buffers	Double Buffers
Technical Parameters	IC	PWM (Common Cathode)	PWM	PWM	PWM	PWM	PWM	Double Buffers or PWM	Double Buffers	Double Buffers	Double Buffers
	Refresh Rate (Hz)	2880-3840	3840-4200	3840-4200	3840-4200	3840	3840	1920-3840	1920	1920	1920
	Repetition Frequency(Hz)	60									
	Gray Scale(bit)	13-14	13-14	13-14	13-14	12-13	12-13	12	12	12	12
	Assembled Diameter(mm)	1222	1222	917	764	611	611	306	306	458	306
	Camber	≥169°	≥169°	≥165°	≥162°	≥158°	≥158°	≥135°	≥135°	≥150°	≥135°
	Signal Interface Mode	HUB320 (Stepless Connector)	HUB75(Stepless Connector)					HUB75(MIDI)			
	Shell Material	Silicone Soft Shell									
	Module Weight(g/pcs)	220	220	210	200	217	210	190	190	200	175
	Flatness(mm)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
	IP Rate	Unguard									
	Installation/Maintenance	Front/Back									
Optical Parameter	Lunminance(cd)	500-550	600-650	700-750	700-750	750-800	750-800	750-800	750-800	850-900	800-850
	Color Temperature(K)	10000-12000 (Adjustable)									
	XY	X:0.2500 Y:0.3000 ±0.01									
		X:150°	X:160°			X:150	X:15	X:15			

	Parameter										
	H/V V/V	Y:120°	Y:140°	X:150° Y:120°	X:150° Y:120°	X:120° Y:120°	0° Y:120°	0° Y:120°	X:150° Y:120°	X:140° Y:120°	X:140° Y:120°
	Contrast Ratio	≥5000:1	≥6000:1	≥6000:1	≥6000:1	≥50000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Electric Parameter	Module Supply Voltage DC(V)	R:2.8 GB:3.8	5								
	Max. Module Current DC(A)	3.8	3.2	2.8	2.8	2.8	2.8	2.6	2.5	2.8	2.6
	Module Max. Power Consumption(w/pcs)	14	16	14	14	14	14	13	12.5	14	13
	Input Voltage AC(V)	220									
	Max. Power Consumption(w/m2)	490	560	490	490	490	490	460	440	490	460
	Average Power Consumption(w/m2)	140	160	140	140	140	140	130	125	140	130
Operation Parameter	Lifespan	100,000h									
	Operating Temperature	-20℃—40 ℃									
	Operating Humidity	20%—75% RH									