

EA-FLEX INDOOR SOFT FLEXIBLE LED SCREEN

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EA-Flex

Indoor Soft Flexible LED Screen

Feature:

1. Ultra-light Flexible LED Display Module;
2. Flexible LED modules can deform and bend;
3. Magnetic front service design;
4. Can be installed or replaced quickly;
5. Customized shape, wide application.



Flexible LED Module

Flexible LED modules
are soft and light.

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Flexible Bending (Curvature $\leq 45^\circ$)

Flexible LED modules can
deform and bend.



Front Service Design

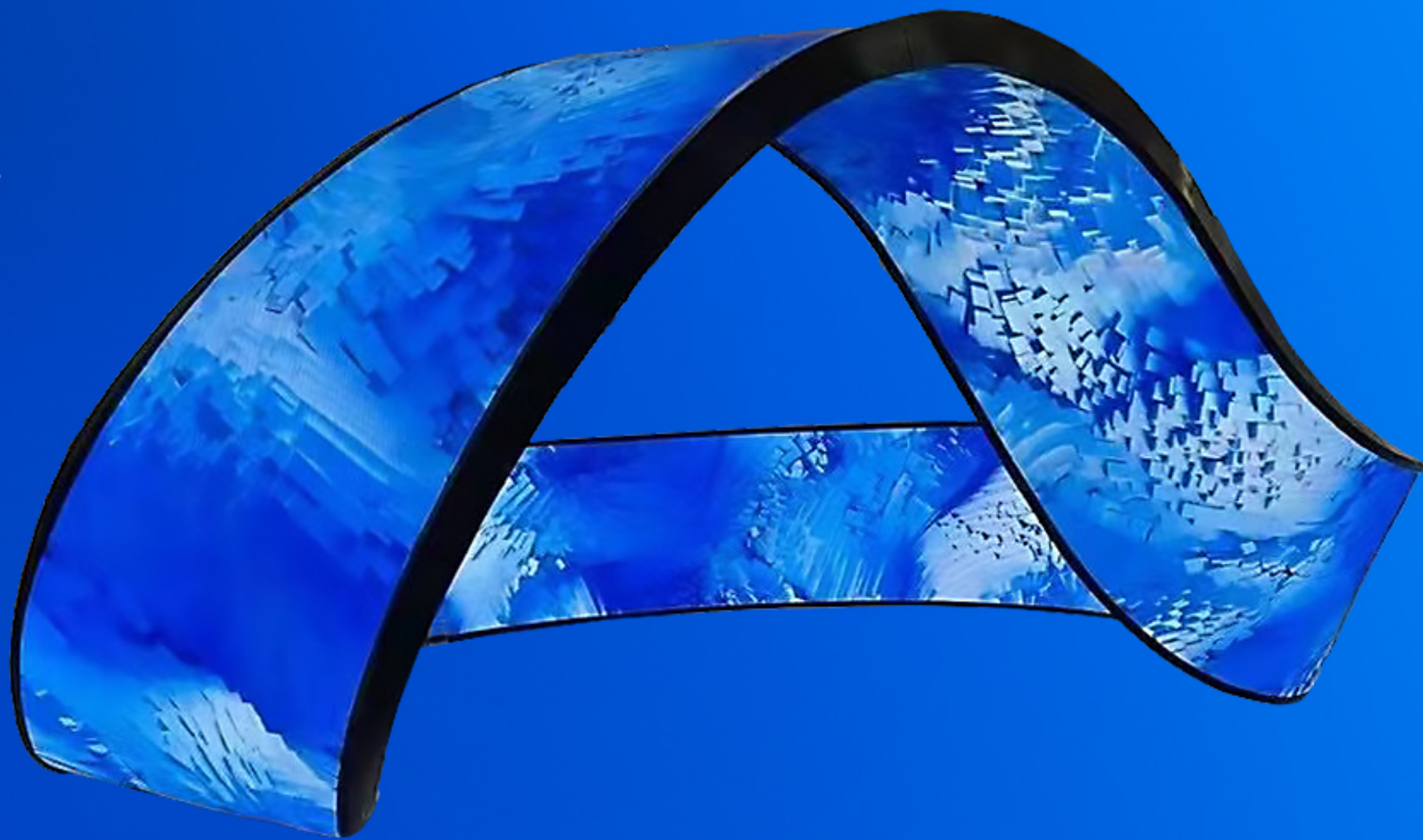
The flexible LED module supports front service, which is convenient and quick.

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Cool LED Display

Flexible LED display looks
strange and eye-catching.



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Excellent Display

Flexible LED screen has excellent display effect.

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Installation Method

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Stacking install



Hanging install

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Multiple Applications

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EagerLED EA-Flex Indoor Soft Flexible LED Screen (240x120mm) Parameter

	Mode	EA-Flex-240-P1.25	EA-Flex-240-P1.579	EA-Flex-240-P1.667	EA-Flex-240-P1.875	EA-Flex-240-P2	EA-Flex-240-P2.5	EA-Flex-240-P3	EA-Flex-240-P4	
Module Parameter	Pixel Pitch	1.25mm	1.579mm	1.667mm	1.875mm	2mm	2.5mm	3mm	4mm	
	Pixel Configuration	SMD1010	SMD1212	SMD1212	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	
	Driving Mode	1/48 duty	1/38 duty	1/36 duty	1/32 duty	1/30 duty	1/24 duty	1/20 duty	1/15 duty	
	Module Resolution(Pixel)	192(L) * 96(H)	152(L) * 76(H)	144(L) * 72(H)	128(L) * 64(H)	120(L) * 60(H)	96(L) * 48(H)	80(L) * 40(H)	60(L) * 30(H)	
	Module Size(mm)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	240(L) * 120(H)	
	Density	640,000pixels/m ²	401,111pixels/m ²	360,000pixels/m ²	284,444pixels/m ²	250,000pixels/m ²	160,000pixels/m ²	111,111pixels/m ²	62,500pixels/m ²	
	Module Mask	Pure black mask--high contrast screen								
Electricity Parameter	Brightness	650 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	650 cd/m ²	650 cd/m ²	
	Best Viewing Distance	≥1.25m	≥1.579m	≥1.667m	≥1.875m	≥2m	≥2.5m	≥3m	≥4m	
	Max. Power Consumption	15W/m ²	15W/m ²	15W/m ²	15W/m ²	15W/m ²	10W/m ²	10W/m ²	9W/m ²	
	Screen Refresh Frequency	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	
	Viewing Angle	140°(Horizontal); 140°(Vertical)								
	Frame Frequency	≥60Hz								
	Gray Grade	14 bits								
	Display Color	4.4 trillion colors								
	Brightness Adjustment	100 grades by software or automatically by sensor								
	Operation Power	AC100-240V 50-60Hz Switchable								
	Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI								
	Control Distance	100M (Ethernet cable);20KM (Optical fiber cable)								
	Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200								
	Color Temperature	5000—9300 adjustable								
	Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet								
	Working Temperature	-20 ~ +60 °C								
	Storage Temperature	-30 ~ +70 °C								
	Working Humidity	10% ~ 90% RH								
	Lifetime	100,000 hours								
	MTBF	>10,000 hours								
Continuous Operating Time	≥72 hours									
Out-of-Control Pixel Rate	≤0.01%									

EagerLED EA-Flex Indoor Soft Flexible LED Screen (320x160mm) Parameter

	Mode	EA-Flex-320-P1.29	EA-Flex-320-P1.5	EA-Flex-320-P1.86	EA-Flex-320-P2	EA-Flex-320-P2.5	EA-Flex-320-P3.076	EA-Flex-320-P4	EA-Flex-320-P5	
Module Parameter	Pixel Pitch	1.29mm	1.5mm	1.86mm	2mm	2.5mm	3.076mm	4mm	5mm	
	Pixel Configuration	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020	
	Driving Mode	1/62duty	1/51 duty	1/43 duty	1/40 duty	1/32 duty	1/26 duty	1/20 duty	1/16 duty	
	Module Resolution(Pixel)	248(L) * 124(H)	204(L) * 102(H)	172(L) * 86(H)	160(L) * 80(H)	128(L) * 64(H)	104(L) * 52(H)	80(L) * 40(H)	64(L) * 32(H)	
	Module Size(mm)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	320(L) * 160(H)	
	Density	600,625pixels/m ²	406,406pixels/m ²	288,906pixels/m ²	250,000pixels/m ²	160,000pixels/m ²	105,625pixels/m ²	62,500pixels/m ²	40,000pixels/m ²	
	Module Mask	Pure black mask--high contrast screen								
Electricity Parameter	Brightness	600 cd/m ²	600 cd/m ²	600 cd/m ²	650 cd/m ²	700 cd/m ²	700 cd/m ²	600 cd/m ²	600 cd/m ²	
	Best Viewing Distance	≥1.29m	≥1.5m	≥1.86m	≥2m	≥2.5m	≥3m	≥4m	≥5m	
	Max. Power Consumption	21W/m ²	21W/m ²	21W/m ²	21W/m ²	20W/m ²	20W/m ²	15W/m ²	15W/m ²	
	Screen Refresh Frequency	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	
	Viewing Angle	140°(Horizontal); 140°(Vertical)								
	Frame Frequency	≥60Hz								
	Gray Grade	14 bits								
	Display Color	4.4 trillion colors								
	Brightness Adjustment	100 grades by software or automatically by sensor								
	Operation Power	AC100-240V 50-60Hz Switchable								
	Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI								
	Control Distance	100M (Ethernet cable);20KM (Optical fiber cable)								
	Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200								
	Color Temperature	5000—9300 adjustable								
	Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet								
	Working Temperature	-20 ~ +60 °C								
	Storage Temperature	-30 ~ +70 °C								
	Working Humidity	10% ~ 90% RH								
	Lifetime	100,000 hours								
	MTBF	>10,000 hours								
Continuous Operating Time	≥72 hours									
Out-of-Control Pixel Rate	≤0.01%									

EagerLED EA-Flex Indoor Soft Flexible LED Screen (250x250mm) Parameter

	Mode	EA-Flex-250-P1.56	EA-Flex-250-P1.95	EA-Flex-250-P2.6
Module Parameter	Pixel Pitch	1.56mm	1.95mm	2.6mm
	Pixel Configuration	SMD1212	SMD1515	SMD1515
	Driving Mode	1/40 duty	1/32 duty	1/32 duty
	Module Resolution(Pixel)	160(L) * 160(H)	128(L) * 128(H)	96(L) * 96(H)
	Module Size(mm)	250(L) * 250(H)	250(L) * 250(H)	250(L) * 250(H)
	Density	409,600 pixels/m ²	262,144 pixels/m ²	147,456 pixels/m ²
	Module Mask	Pure black mask---high contrast screen	Pure black mask---high contrast screen	Pure black mask---high contrast screen
Electricity Parameter	Brightness	600 cd/m ²	700 cd/m ²	700 cd/m ²
	Best Viewing Distance	≥1.56m	≥1.95m	≥2.6m
	Screen Refresh Frequency	≥3840Hz	≥3840Hz	≥3840Hz
	Viewing Angle	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)
	Max. Power Consumption	480 W/m ²	500 W/m ²	500 W/m ²
	Frame Frequency	≥60Hz	≥60Hz	≥60Hz
	Gray Grade	14 bits	14 bits	14 bits
	Display Color	4.4 trillion colors	4.4 trillion colors	4.4 trillion colors
	Brightness Adjustment	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor
	Operation Power	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable
	Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
	Control Distance	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)
	Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200
	Color Temperature	5000—9300 adjustable	5000—9300 adjustable	5000—9300 adjustable
	Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet
	Working Temperature	-20 ~ +50 °C	-20 ~ +50 °C	-20 ~ +50 °C
	Storage Temperature	-30 ~ +70 °C	-30 ~ +70 °C	-30 ~ +70 °C
	Working Humidity	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH
	Lifetime	100,000 hours	100,000 hours	100,000 hours
	MTBF	>10,000 hours	>10,000 hours	>10,000 hours
Continuous Operating Time	≥72 hours	≥72 hours	≥72 hours	
Out-of-Control Pixel Rate	≤0.01%	≤0.01%	≤0.01%	

EagerLED EA-Flex Indoor Soft Flexible LED Screen (256x128mm&200x150mm) Parameter

	Mode	EA-Flex-256-P2	EA-Flex-256-P4	EA-Flex-200-P1.56
Module Parameter	Pixel Pitch	2mm	4mm	1.56mm
	Pixel Configuration	SMD1515	SMD2020	SMD1212
	Driving Mode	1/32 duty	1/16 duty	148duty
	Module Resolution(Pixel)	128(L) * 64(H)	64(L) * 32(H)	128(L) * 96(H)
	Module Size(mm)	256(L) * 128(H)	256(L) * 128(H)	200(L) * 150(H)
	Density	250,000pixels/m ²	62,500pixels/m ²	40,9600pixels/m ²
	Module Mask	Pure black mask---high contrast screen	Pure black mask---high contrast screen	Pure black mask---high contrast screen
Electricity Parameter	Brightness	800 cd/m ²	700 cd/m ²	700 cd/m ²
	Best Viewing Distance	≥2m	≥4m	≥1.56m
	Max. Power Consumption	20W/m ²	15W/m ²	15W/m ²
	Screen Refresh Frequency	≥3840Hz	≥3840Hz	≥3840Hz
	Viewing Angle	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)	140°(Horizontal); 140°(Vertical)
	Frame Frequency	≥60Hz	≥60Hz	≥60Hz
	Gray Grade	14 bits	14 bits	14 bits
	Display Color	4.4 trillion colors	4.4 trillion colors	4.4 trillion colors
	Brightness Adjustment	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor	100 grades by software or automatically by sensor
	Operation Power	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable	AC100-240V 50-60Hz Switchable
	Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
	Control Distance	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)	100M (Ethernet cable);20KM (Optical fiber cable)
	Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200	800*600, 1024*768, 1280*1024, 1600*1200
	Color Temperature	5000—9300 adjustable	5000—9300 adjustable	5000—9300 adjustable
	Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet	Pixel by pixel, module by module, cabinet by cabinet
	Working Temperature	-20 ~ +60 °C	-20 ~ +60 °C	-20 ~ +60 °C
	Storage Temperature	-30 ~ +70 °C	-30 ~ +70 °C	-30 ~ +70 °C
	Working Humidity	10% ~ 90% RH	10% ~ 90% RH	10% ~ 90% RH
	Lifetime	100,000 hours	100,000 hours	100,000 hours
	MTBF	>10,000 hours	>10,000 hours	>10,000 hours
Continuous Operating Time	≥72 hours	≥72 hours	≥72 hours	
Out-of-Control Pixel Rate	≤0.01%	≤0.01%	≤0.01%	

EagerLED Leading LED Display Manufacturer



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