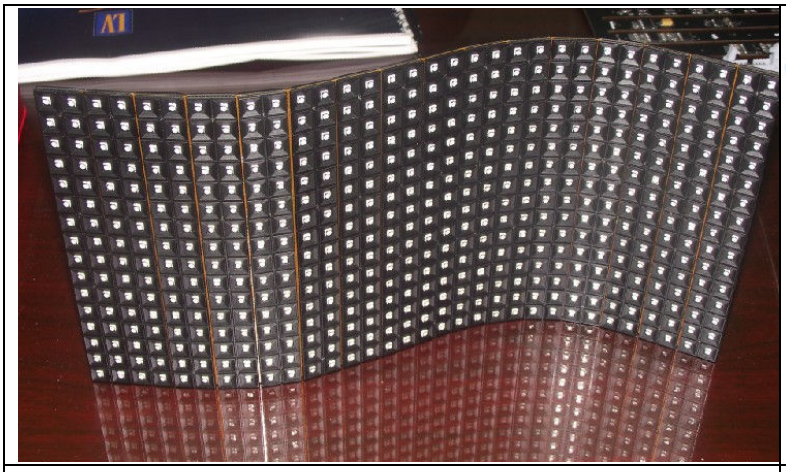
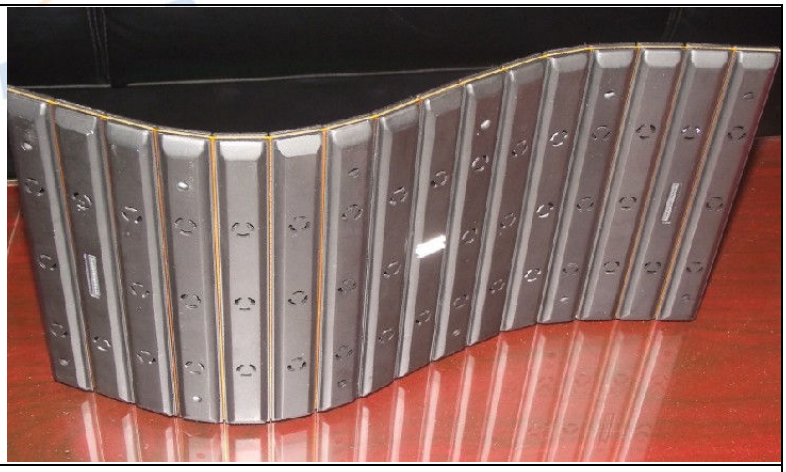
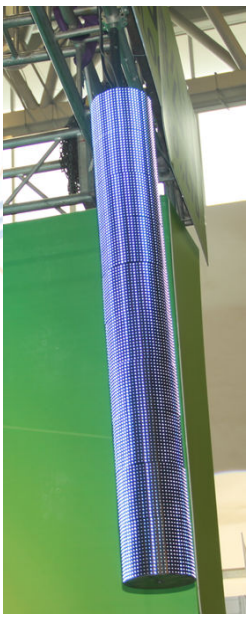
Shenzhen ERALED Optoelectronics Co., Ltd.

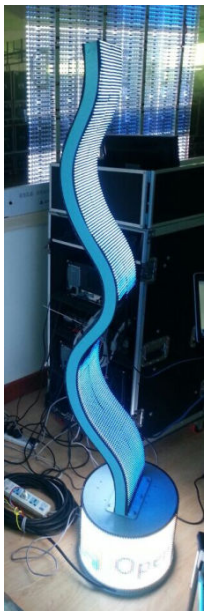
Amazing Soft and Flexible LED Module (without cabinet concept)

P10mm SMD3528 Soft LED Module

	
Front View	Back View
Material: FPC (Flexible Printed Circuit)	

A Complete Product: **A Variety of Cabinet/Screen**





It is definitely different with ordinary screen. The main difference is customized and various cabinet shape.

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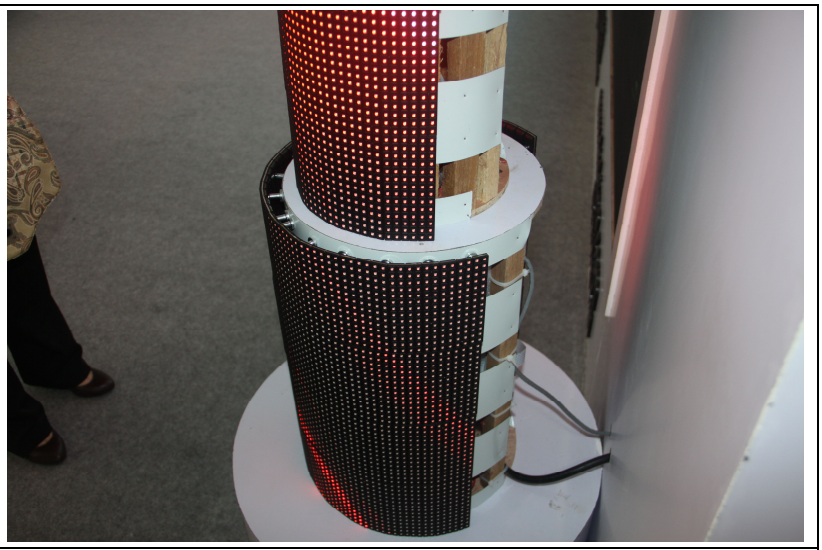
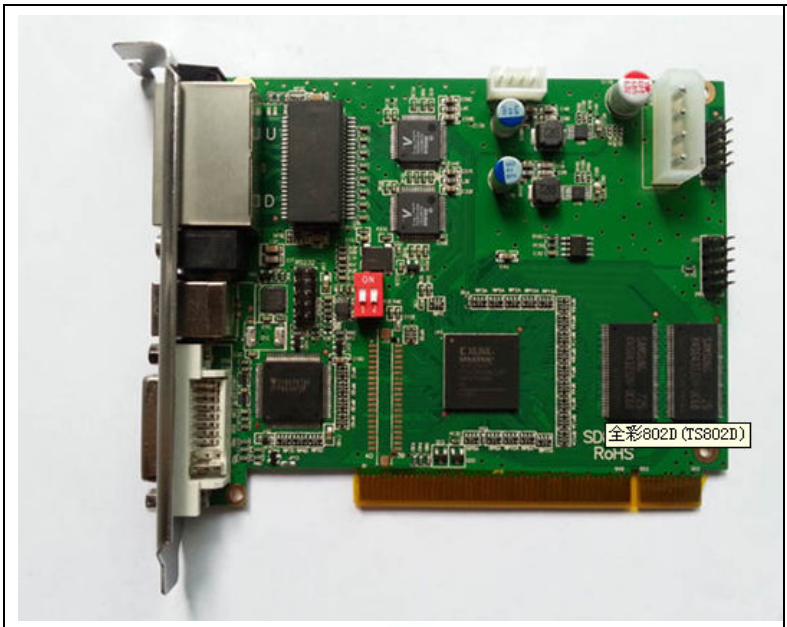
Installation: **Ordinary modules are screwed into iron/aluminum cabinet together, but the soft modules come with several magnets.**

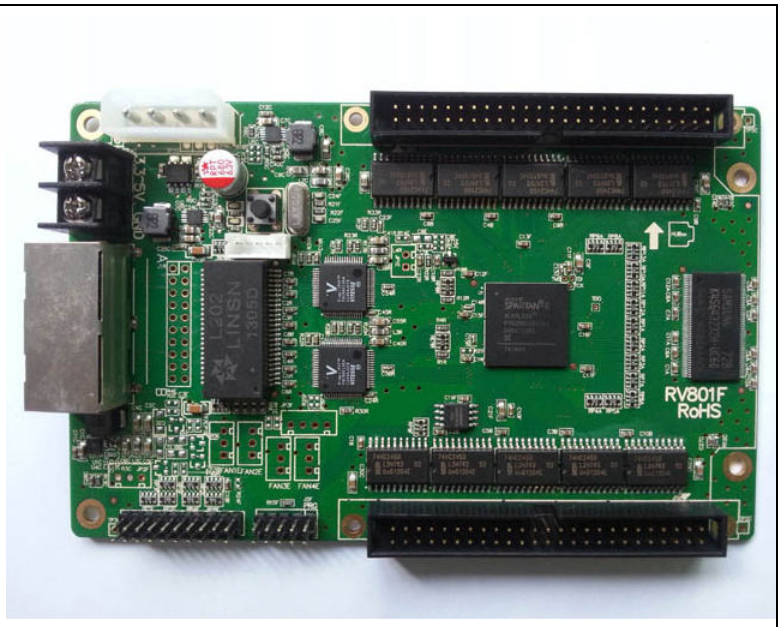


There are many magnets between modules and cabinet

Control System: **Same with controller and operating principle of ordinary screen: Linsn**



Sending Card



Receiving Card

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Technical Specification:

◆ Technical Specification of P10mm:		
0.32 (length)× 0.16(height) meters 0.0512 SQM PH10mm outdoor SMD3528 3 in 1 soft and flexible LED module		
Pixel configuration	SMD3528 3 in 1	
LEDs configuration	Red:wave length: 625~630nm;700-800mcd Green:wave length: 525~530nm;1500-1800mcd Blue:wave length: 470~475nm;400-500mcd	
Pixel pitch(mm)	10.00	
Pixel density(dots/㎡)	10000	
Calibrated brightness(cd/sqm,nit)	1200 nits(adjustable)	
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%(adjustable)	
Color temperature	3,500° — 9,500° K(adjustable)	
Contrast ratio	4,000:1(adjustable)	
Brightness adjustment(dimming)	100 grade auto/manual-adjustment	
View angle(degree)(50% brightness)	Horizontal: 120° (60° off center); Vertical: 70° (+25°/-45° off center)	
Readability viewing angle	Horizontal: 150° (75° off center); Vertical: 90° (+35°/-55° off center)	
Color capability	4.4 trillion	
Refresh rate(Hz)	>600 Hz(adjustable)	
Frame frequency(Hz)	>60 Hz	
Interface port	DVI interface(DVI connector)	
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.	
Protection grade	IP30 front side	
LED Drive	Constant-current drive	
Lifetime(hours)(50% brightness)	100,000 hours	
Signal transmission direction	Horizontal	
Operating temperature(Celsius degree)	-10～+45'	
Storage temperature(Celsius degree)	-15～+50'	
Operation humidity(RH)	10-90%	
Operation humidity(RH)	10-99%	
Servicing	Front and back serving optional	
Control mode	Synchronous & asynchronous available	
Communication options	Wire Ethernet, Fiber Ethernet,RF wireless,GPRS	
Power	120/240 V AC single phase(50-60Hz)	
Maximum power consumption(W/SQM)	580	
Average power consumption(W/SQM)	232	
Screen operation mode(scan/static)	1 / 4	
Module configuration(Pixels quantities of the module)	Length	32
	Height	16
Module dimensions(mm)	Length	320

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	Height	160
Cabinet configuration(Module quantities of the cabinet)	Length	1
	Height	1
Cabinet dimensions(mm)	Length	320
	Height	160
	Width	170
Screen configuration(cabinets quantities of the finished complete screen system)	Length	1
	Height	1
Screen dimensions(m)	Length	0.3200
	Height	0.1600
Screen Size(㎡)	0.05	
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	6
	Max	136
Resolution ratio(dots/pixels)	Length	32
	Height	16

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