諾亞媒體
NOVA MEDIA

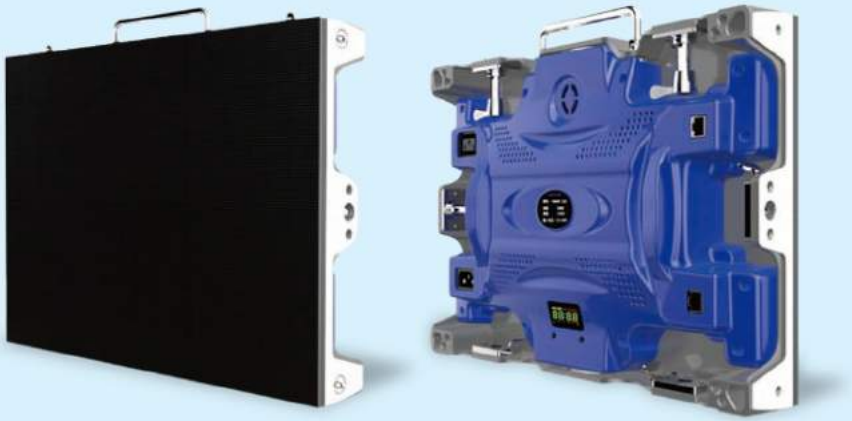
數位看板應用整合服務商

LED數位看板產品型錄

LED Digital Signage Product catalog

HD Series

Super stable
High refresh rate
High grey scale
HD
Ultra slim
High uniformity
Brightness adjustable
High contrast ratio
Gapless connection
Easy maintainence



HIGH LIGHTS

- High quality components and precise production process, lower the ratio of blind LEDs.
- Power &data back up system, much more reliable for 7 / 24hours continuous working.
- HD module with Micro pixel pitch, unlimited splitting, support 2K、4K and super HD video resource.
- High grey scale, even under 50-300cd/㎡ brightness.
- Frosted black LED and Light absorbing corrugated mask, make the screen can show vivid images even in bright environment.
- Self-adjusting intelligent brightness system. brightness of the screens can be adjusted intelligently according to the ambient light level.

APPLICATION

Broadcasting system

Command system

Dispatching system

Conference system

	1.2	1.5	1.9	2.5	2.5
Pixel pitch(mm)	1.2	1.5	1.9	2.5	2.5
Pixel configuration	SMD0808	SMD1010	SMD1010	SMD1010	SMD2020
Module size(mm)	200x150	200x150	200x150	200x150	200x150
Cabinet size(W*H*T mm)	400x300x57	400x300x57	400x300x57	400x300x57	400x300x57
Pixel Density(Pixels/m²)	640,000	409,600	270,421	160,000	160,000
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Cabinet weight(kg)	≈3.7kg	≈3.7kg	≈3.7kg	≈3.7kg	≈3.7kg
Input Power Frequency(Hz)	3200	3200	3200	3200	3200
Input voltage(Nominal)(V)	220V (110、110-240)	220V (110、110-240)	220V (110、110-240)	220V (110、110-240)	220V (110、110-240)

CABINETS INSTALLATION DIAGRAM

Module unit could be taken off from the screen directly, quick replacement.
Modules are fixed on the unit with magnet, easy disassembling.

Panel connection

Info window

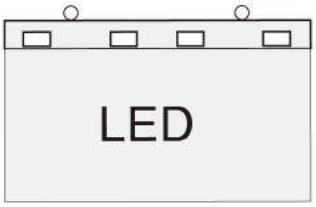
Screen installation

Video wall

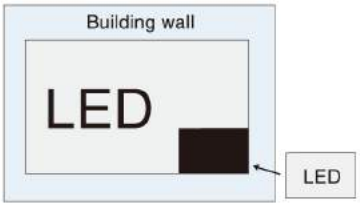
FLEXIBLE INSTALLATION MODELS

Arc installation

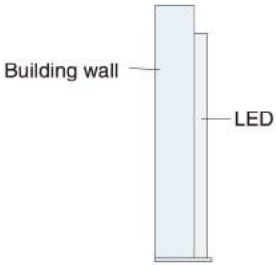
Special-shaped installation



Hanging installation



Mounted installation



Ground hold installation

Carbon Fiber Series

Ultra light weight
High contrast ratio;
High refresh rate;
Hig strength; Ultra-thin.

HIGH LIGHTS

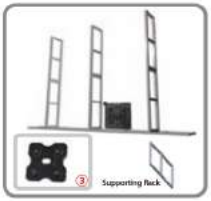
- Light absorbing corrugated Technology masks, bright conditions, small reflection, still clear images on the screen.
- High contrast ratio; High refresh rate, Images without delay and ghosting.
- Molded from new carbon fiber material, make a high strength, ultra light, ultra slim cabinet, only 3.5kg/cabinet.
- Fast and flexible installation, apply to different application.
- LCD information indicator screen: display the working time, product model and temperature.

Indoor Solution

	3.9	4.8
Pixel pitch(mm)	3.9	4.8
Pixel configuration	SMD2020 (Black LED)	SMD2020 (Black LED)
Module size(mm)	250x250	250x250
Cabinet size(W*H*T mm)	500x500x55	500x500x55
Pixel Density(Pixels/m²)	65,536	43,264
Cabinet Material	Carbon Fiber	Carbon Fiber
Cabinet weight(kg)	≈3.5kg	≈3.5kg
Input Power Frequency(Hz)	≥1920	≥1920
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)

CABINETS INSTALLATION DIAGRAM

1.Based Installation

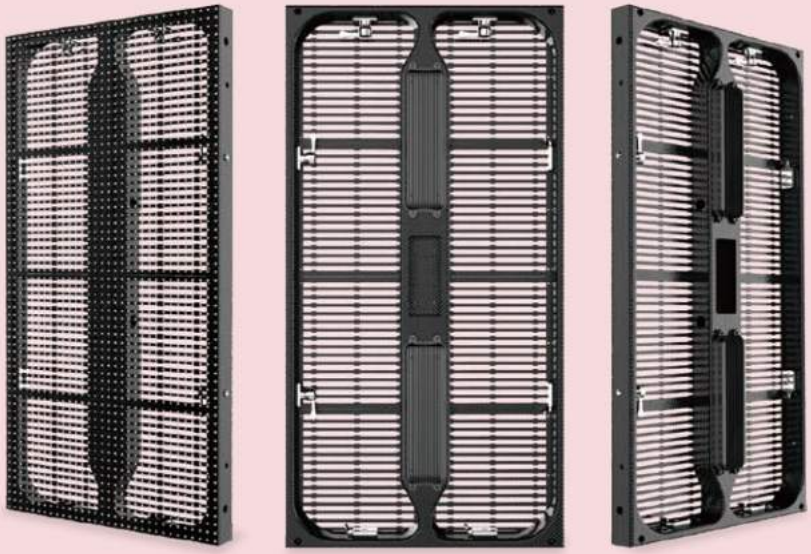


2.Hanging Installation

3.Special Installation

Carbon Fiber Series

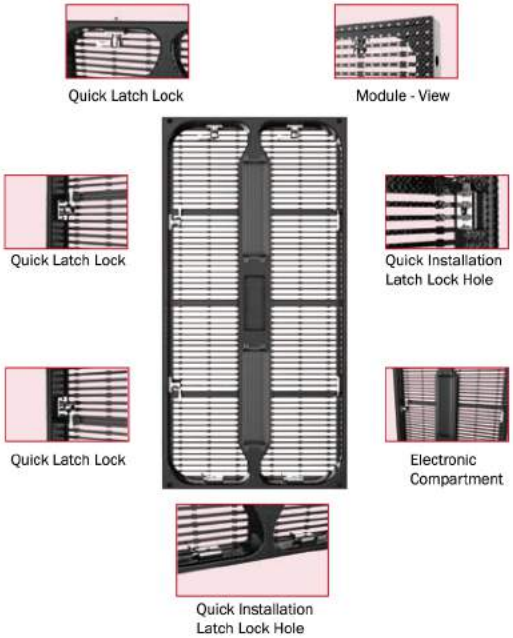
Ultra light weight
High contrast ratio;
High refresh rate;
Hig strength; Ultra-thin.



HIGH LIGHTS

- Muti-fanction indoor&outdoor LED mesh.
- Made of cabon fiber material, with super light weight and urtral thin feaures.
- Hollow out module and special right corner panel edge, fit to creative shape solution for both rental and fixed applications.

CABINETS INSTALLATION DIAGRAM

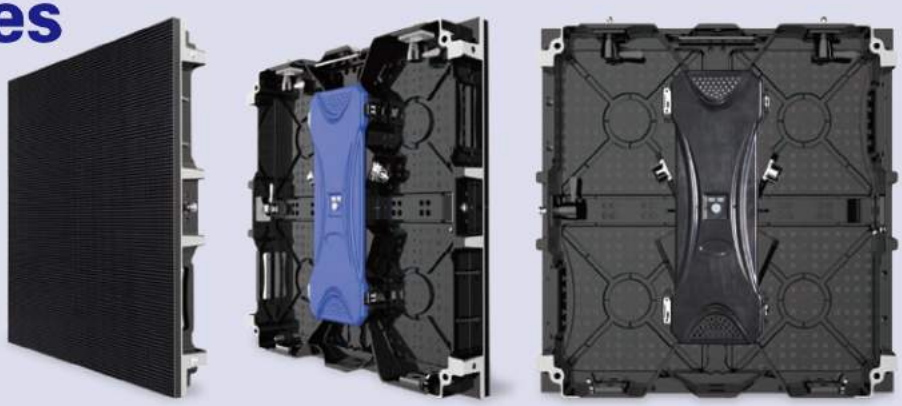


Outdoor Solution

	8.9	15.6
Pixel pitch(mm)	8.9	15.6
Pixel configuration	SMD2525	SMD2525
Module size(mm)	500x250	500x250
Cabinet size(W*H*T mm)	500x1000x40	500x1000x40
Pixel Density(Pixels/m²)	12,544	4,096
Cabinet Material	Carbon Fiber	Carbon Fiber
Cabinet weight(kg)	≈5kg	≈4.5kg
Input Power Frequency(Hz)	≥1000	≥1000
Input voltage(Nominal)(V)	220V (110、110-240)	220V (110、110-240)

Fortune Series

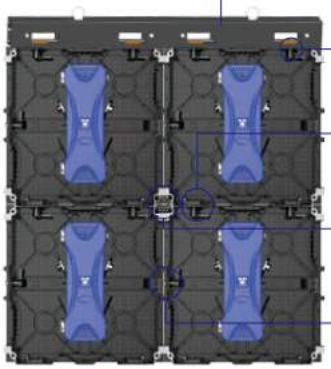
Latest LED protection technology
noiseless and
low power consumption



HIGH LIGHTS

- Flexible assembling structure, simple cabinet design with weight 6.5kg, ultra light, ultra slim.
- Adopt the latest anti-collision technology, make a more stable cabinet during rental events, make a longer life span.
- Patent no fans design, noiseless, low power consumption; operating temperature -30℃~60℃.

CABINETS INSTALLATION DIAGRAM

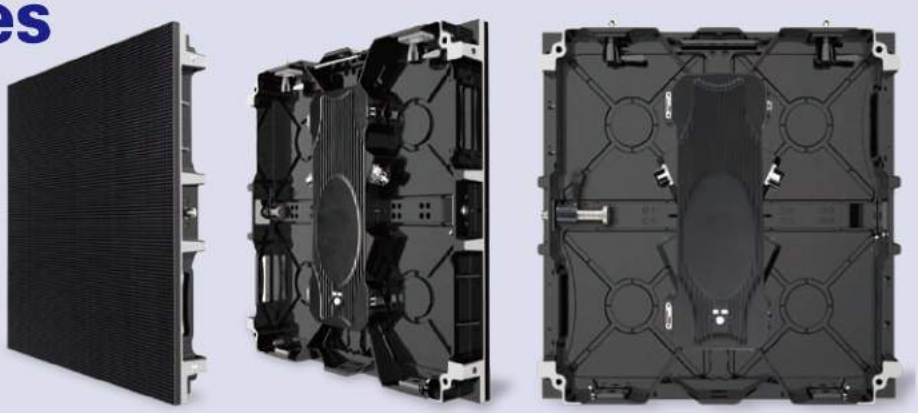


Indoor Solution

	2.9	3.9	4.8	5.9
Pixel pitch(mm)	2.9	3.9	4.8	5.9
Pixel configuration	SMD1515 (Black LED)	SMD2020 (Black LED)	SMD2020 (Black LED)	SMD3528
Module size(mm)	250x250	250x250	250x250	250x250
Cabinet size(W*H*T mm)	500x500x65	500x500x65	500x500x65	500x500x65
Pixel Density(Pixels/m²)	112,896	65,536	43,264	28,224
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Cabinet weight(kg)	≈6.5kg	≈6.5kg	≈6.5kg	≈6.5kg
Input Power Frequency(Hz)	≥1920	≥1920	≥1000	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)

Fortune Series

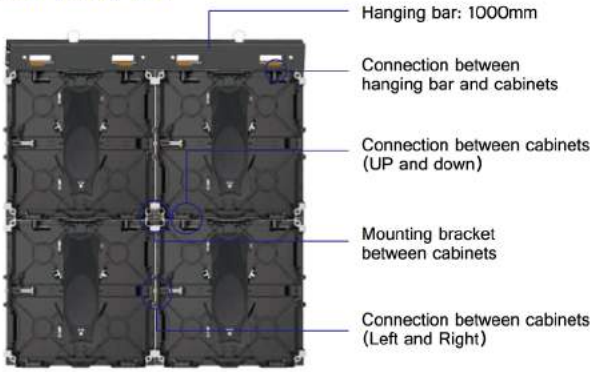
Latest LED protection technology
noiseless and
low power consumption



HIGH LIGHTS

- Adopt the latest anti-collision technology, make a more stable cabinet during rental events, make a longer life span.
- Die cast aluminum control box, adapt to all kinds of weather.
- Customized Arc design: bevel edge cabinet design according to customer requirements makes Arc screen assembling.
- Gapless connection: under 0.1mm tolerance gap between cabinet and module, under 0.2mm tolerance gap between cabinets.

CABINETS INSTALLATION DIAGRAM



Outdoor Solution

	4.8	5.9	6.9
Pixel pitch(mm)	4.8	5.9	6.9
Pixel configuration	SMD2525	SMD3535	SMD3535
Module size(mm)	250x250	250x250	250x250
Cabinet size(W*H*T mm)	500x500x65	500x500x65	500x500x65
Pixel Density(Pixels/m²)	43,264	28,224	20,736
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Cabinet weight(kg)	≈7.5kg	≈7.5kg	≈7.5kg
Input Power Frequency(Hz)	≥1920	≥1920	≥1920
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-240)	220V (110、110-220)

Power In Power Out

Signal In Signal Out

Fortune Series

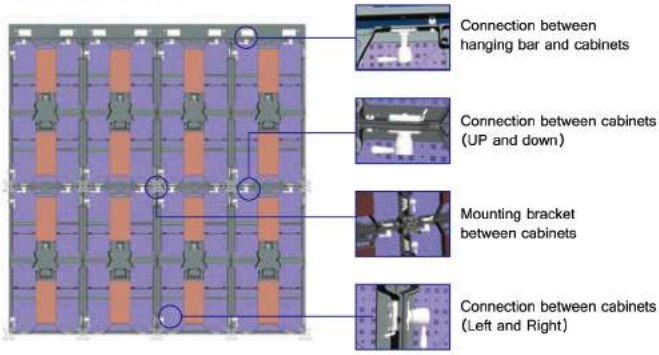
Die cast aluminum;
Dot-dot calibration; noiseless;

low power consumption

HIGH LIGHTS

- Instead of the traditional extruded aluminum cabinet, Die-casting aluminum cabinets have a higher precision, easier for installation and maintenance.
- Dot to dot calibration with high refresh rate, high gray scale, high color contrast ratio.
- Patent no fans design, noiseless, low power consumption; operating temperature -30℃~60℃.
- The Specialize hanging mechanism with vertical type cable connection realize the optional fast hanging installation.
- 500*1000mm cabinet size is the most ideal choice for stage backgrounds, club entertainments and wedding ceremonies.

CABINETS INSTALLATION DIAGRAM



Indoor Solution

	4.8	5.9
Pixel pitch(mm)	4.8	5.9
Pixel configuration	SMD2020 (Black LED)	SMD3528
Module size(mm)	250x250	250x250
Cabinet size(W*H*T mm)	500x1000x65	500x1000x65
Pixel Density(Pixels/m²)	43,264	28,224
Cabinet Material	Diecast Aluminum	Diecast Aluminum
Cabinet weight(kg)	≈13kg	≈13kg
Input Power Frequency(Hz)	≥1920	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)

Outdoor Solution

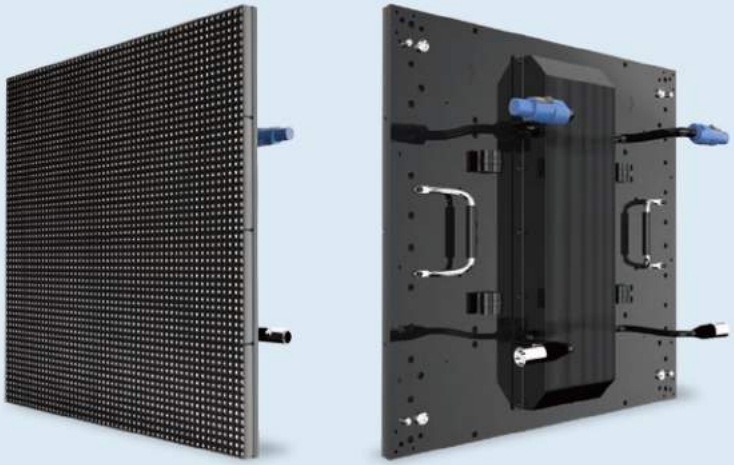
	4.8	5.9	6.9
Pixel pitch(mm)	4.8	5.9	6.9
Pixel configuration	SMD2525	SMD3535	SMD3535
Module size(mm)	250x250	250x250	250x250
Cabinet size(W*H*T mm)	500x1000x65	500x1000x65	500x1000x65
Pixel Density(Pixels/m²)	43,264	28,224	20,736
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Cabinet weight(kg)	≈13.5kg	≈13.5kg	≈13.5kg
Input Power Frequency(Hz)	≥1920	≥1920	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)

Grace Series

Friendly maintainence;

High bearing;

Fast and flexible assembling

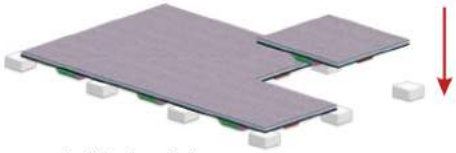


HIGH LIGHTS

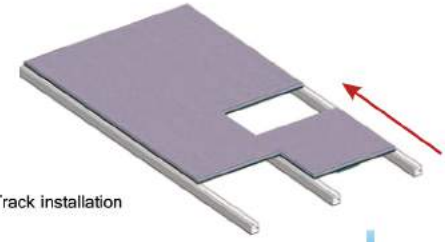
- Fast and flexible assembling: Pad installation or track holding installation, faster and more smooth.
- High bearing: Cabinet made from die cast aluminum material, stronger and lighter. 1500kg/sqm weight loading.
- Friendly maintainence: No need to disassembly the cabinets nearby when changing a cabinet. Much more easier for mantainence.
- IP65: Anti-water, Anti-drinks spill.
- High contrast ratio: Patented mask design makes clear images.
- Excellent cooling design: Professional cooling design, ensure a perfect heat dissipation.

Outdoor/Indoor Solution	
	8.9
Pixel pitch(mm)	8.9
Pixel configuration	SMD3535
Module size(mm)	250x125
Cabinet size(W*H*T mm)	500x500x70
Pixel Density(Pixels/m²)	12,544
Cabinet Material	Diecast Aluminum
Cabinet weight(kg)	≈11kg
Input Power Frequency(Hz)	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)

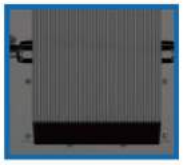
CABINETS INSTALLATION DIAGRAM



Padding installation



Track installation

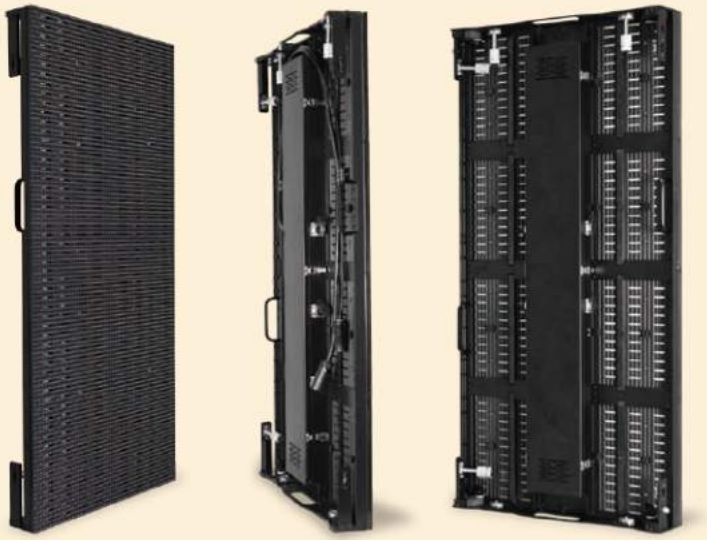


Aluminum alloy power box, stronger constructure.

Trim Series

Arc locks;
Hollow modules;

Gapless connection



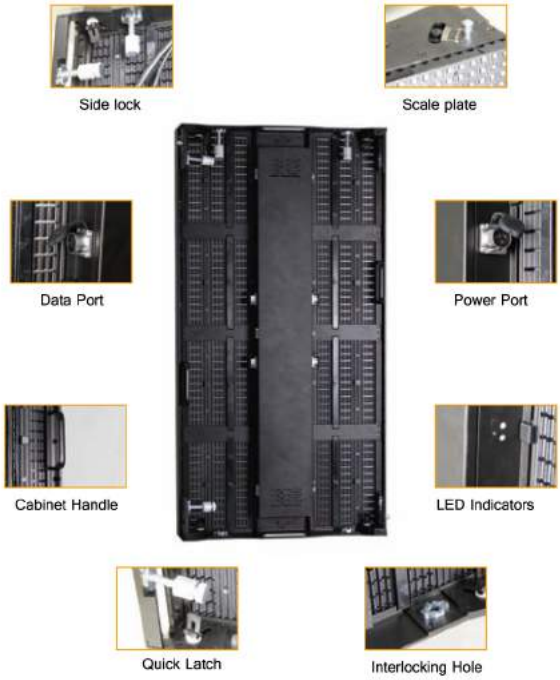
HIGH LIGHTS

- Extruded aluminum cabinet lighter weight, high precision.
- Hollow design reduces the minimum weight, improve the safety for outdoor use.
- Spring locks connection between cabinets, more easier for tool free assembling and disassembling.
- Arc locks make an Arc screen.

Outdoor Solution

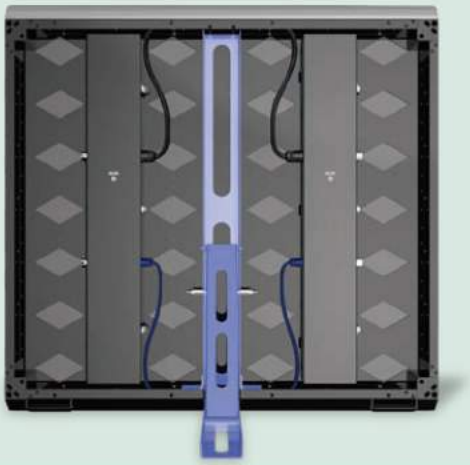
	8.9	10.4
Pixel pitch(mm)	8.9	10.4
Pixel configuration	SMD3528 (3535)	SMD3528 (3535)
Module size(mm)	250x250	250x250
Cabinet size(W*H*T mm)	500x1000x80	500x1000x80
Pixel Density(Pixels/m²)	12,544	9,217
Cabinet Material	Extruded Aluminum	Extruded Aluminum
Cabinet weight(kg)	≈11kg	≈11kg
Input Power Frequency(Hz)	≥960	≥960
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)

CABINETS INSTALLATION DIAGRAM



Clover Series

Waterproof design;
Soft mask;
safty top padding



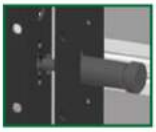
HIGH LIGHTS

- Soft mask and safety top padding avoid the injure.
- The inclination degree of cabinet adjustable 75°~90°for best visual effects.
- Adopt natural convection heat dissipation design without fans, noiseless and energy saving.
- IP65 protecting degrees: water proof design, adapt to all kinds of bad condition.
- Application: indoor& outdoor arena.

Indoor/Outdoor Solution	
	8.9
Pixel pitch(mm)	8.9
Pixel configuration	SMD3535
Module size(mm)	250x125
Cabinet size(W*H*T mm)	1000x875x75
Pixel Density(Pixels/m²)	12,544
Cabinet Material	Extruded Aluminum
Cabinet weight(kg)	≈39kg
Input Power Frequency(Hz)	≥1920
Input voltage(Nominal)(V)	220V (110、110-220)

CABINETS INSTALLATION DIAGRAM

Incline Stand Latch Close-up



Connection detail between cabinets

Power Port

Data Port

Interlocking Hole

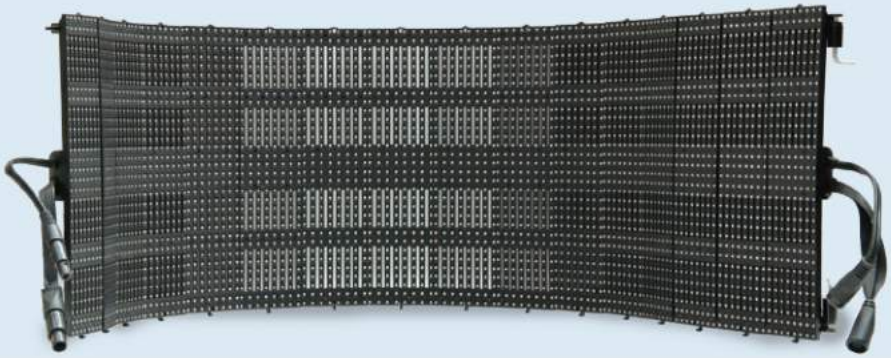
Quick latch

Incline Stand Latch Close-up

Flexi Series

High transparent rate

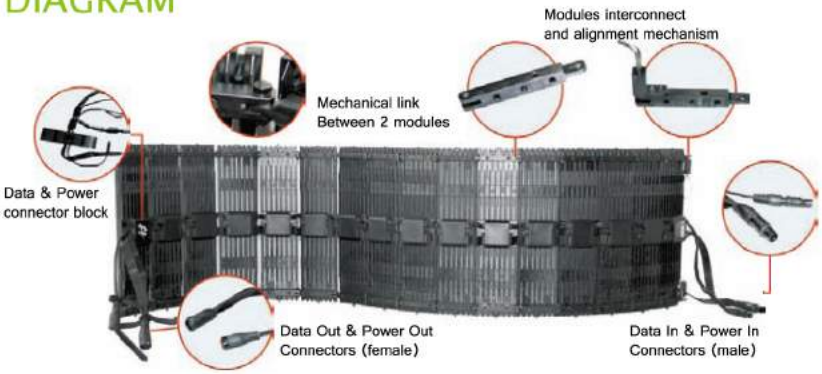
Ultra light, ultra slim



HIGH LIGHTS

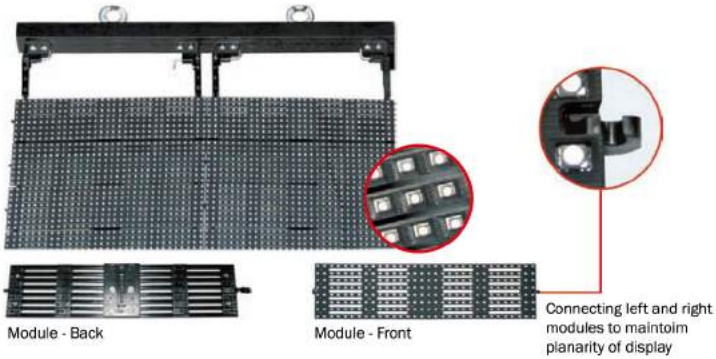
- High transparent rate, high anti-wind resistance.
- All-weather brightness adjustment range.
- Ultra light, ultra slim.
- Fast and flexible installation.
- Combination of a variety of unique creativity model.
- Rapid spread to a large size LED screen.

CABINETS INSTALLATION DIAGRAM



Outdoor Solution

	9.3	8.9
Pixel pitch(mm)	9.3	8.9
Pixel configuration	SMD3528	SMD3535
Module size(mm)	300x75	250x125
Pixel Density(Pixels/m²)	11,236	12,544
Cabinet Material	PC	PC
Cabinet weight(kg)	≈0.25kg	≈0.25kg
Input Power Frequency(Hz)	≥600	≥600
Input voltage(Nominal)(V)	220V	220V



Trellis Series

Modular design,

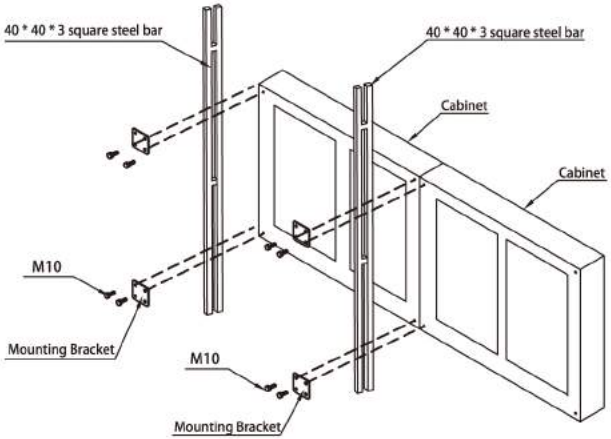
easy maintenance,

Dot-dot calibration

HIGH LIGHTS

- HD display, delicate image.
- High resolution, adjustable brightness.
- Support dot-dot calibration.
- Modular design, easy maintenance.
- Support multimedia display.

CABINETS INSTALLATION DIAGRAM



Outdoor Solution

	2.9	3.9	5.9	6.9
Pixel pitch(mm)	2.9	3.9	5.9	6.94
Pixel configuration	SMD 1515	SMD 2121	SMD 3528	SMD 3528
Module size(mm)	250x250	250x250	250x250	250x250
Cabinet size(W*H*T mm)	500x500x100	500x500x100	500x500x100	500x500x100
Pixel Density(Pixels/m²)	112,896	65,536	28,224	20,736
Cabinet Material	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
Cabinet weight(kg)	≈18	≈18	≈18	≈18
Input Power Frequency(Hz)	≥1000	≥1000	≥1000	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)

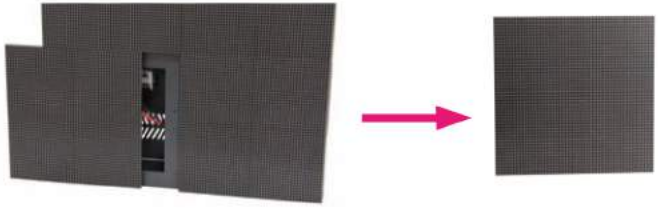
Trellis Series

Modular design,

easy maintenance,
Dot-dot calibration

HIGH LIGHTS

- HD display, delicate image.
- High resolution, adjustable brightness.
- Support dot-dot calibration.
- Modular design, easy maintenance
- Support multimedia display



Module unit could be taken off from the screen directly, quick replacement.
Modules are fixed on the unit with magnet, easy disassembling.

Outdoor Solution

	2.9	3.9	5.9	6.9
Pixel pitch(mm)	2.9	3.9	5.9	6.9
Pixel configuration	SMD 1515	SMD 2121	SMD 3528	SMD 3528
Module size(mm)	250x250	250x250	250x250	250x250
Cabinet size(W*H*T mm)	500x1000x100	500x1000x100	500x1000x100	500x1000x100
Pixel Density(Pixels/m²)	112,896	65,536	28,224	20,736
Cabinet Material	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
Cabinet weight(kg)	≈28	≈28	≈28	≈28
Input Power Frequency(Hz)	≥1000	≥1000	≥1000	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)

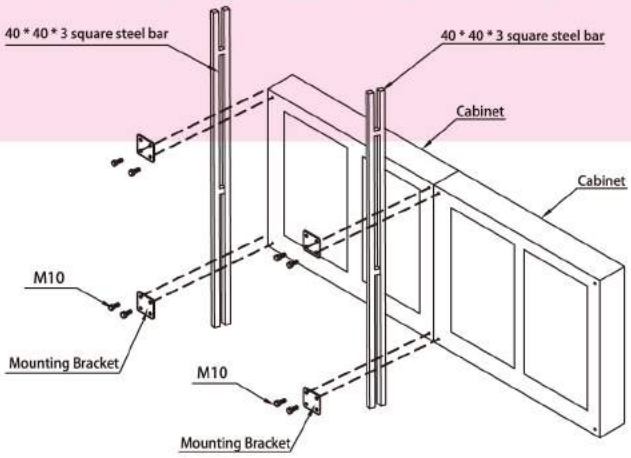
Lattice Series

Modular design,

easy maintenance,

Dot-dot calibration

CABINETS INSTALLATION DIAGRAM



HIGH LIGHTS

- HD advertising LED display.
- High resolution, adjustable brightness.
- Support dot-dot calibration.
- Modular design, easy maintenance.
- Anti-dust; Anti-moisture; Anti-corrosion.
- Adapt to the harsh outdoor environment for long-term use.

Outdoor Solution

	4.8	5.9	6.9	7.8	8.9	10.4
Pixel pitch(mm)	4.8	5.9	6.9	7.8	8.9	10.4
Pixel configuration	SMD 2525	SMD 2525	SMD 3535	SMD 3535	SMD 3535	SMD 3535
Module size(mm)	250x250	250x250	250x250	250x250	250x250	250x250
Cabinet size(W*H*T mm)	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100
Pixel Density(Pixels/m²)	43,264	28,224	20,736	16,384	12,544	9,217
Cabinet Material	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
Cabinet weight(kg)	≈52	≈52	≈52	≈52	≈52	≈52
Input Power Frequency(Hz)	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000
Input voltage(Nominal)(V)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)	220V (110、110-220)

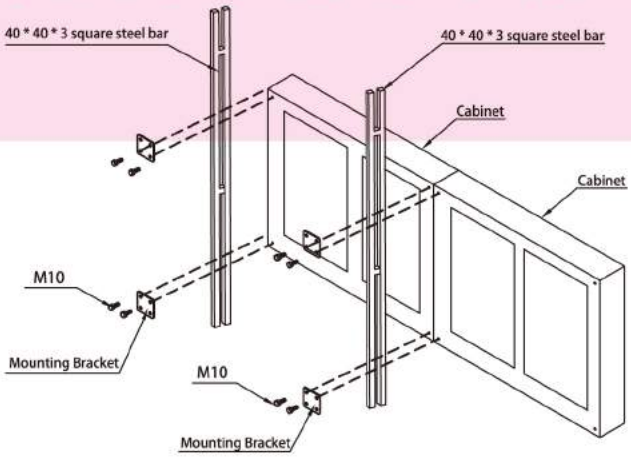
Lattice Series

Modular design,

easy maintenance,

Dot-dot calibration

CABINETS INSTALLATION DIAGRAM



HIGH LIGHTS

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像素間距	8	10	12	16	20
規格燈	DIP246	1G1B1R DIP346	1G1B1R DIP346	1G1B1R DIP346	1G1B1R DIP346
模組像素點(點/m²)	32x32點	32x32點	16x16點	20x20點	16x16點
模組分辨率	1024	1024	256	400	256
模組尺寸(mm)	256x256mm	320x320	192x192	320x320	320x320
像素密度(點/m²)	15625	10000	6944	3906	2500
視距(m)	9	10	12	16	20
白色平衡度(cd/m²)	≥8000cd/m²	≥6500cd/m²	≥5500cd/m²	≥6000cd/m²	≥5500cd/m²
白色平衡溫(K)	6000k-12000k	6000k-12000k	6000K-12000k	6000k-12000k	6000k-12000k
可視角度(H/V)	H:120 V:120	H:120 V:120	H:120 V:120	H:120 V:120	H:120 V:120
箱體分辨率(pixels)	96x96 pixels	128x96	80x80	80x60	64x48
箱體尺寸(mm*mm)	768x768x150	1280x960x150	960x960x150	1280x960x150	1280x960x150
箱體材質	標準箱體	鐵材	鐵材	鐵材	鐵材
箱體重量(Kg)	28kg	65kg	55kg	65kg	65kg
顏色	281trillion	281trillion	281trillion	281trillion	281trillion
灰度級數	12BitxRGB	12BitxRGB	12BitxRGB	12BitxRGB	12BitxRGB
亮度調節方式	自動100級調節	自動100級調節	自動100級調節	自動100級調節	自動100級調節
換幀頻率(Hz/s)	≥60	≥60	≥60	≥60	≥60
刷新頻率Hz	≥480	≥480	≥480	≥480	≥480
驅動方式	1/4恒流驅動	1/4恒流驅動	1/2恒流驅動	靜態 恒流驅動	靜態 恒流驅動
工作電壓(V)	AC 110、220、110-220	AC 110、220、110-220	AC 110、220、110-220	AC 110、220、110-220	AC 110、220、110-220
電源輸入頻育(Hz)	50/60	50/60	50/60	50/60	50/60
最大功耗	780	530	440	490	630
平均攻耗	400	260	220	250	320
工作溫度	負20℃-40℃	負20℃-40℃	負20℃-40℃	負20℃-40℃	負20℃-40℃
存儲溫度	負35℃-85℃	負35℃-85℃	負35℃-85℃	負35℃-85℃	負35℃-85℃
環境濕度	10%-95%	10%-95%	10%-95%	10%-95%	10%-95%
使用壽命(H)	≥100000	≥100000	≥100000	≥100000	≥100000
應用場所	戶外	戶外	戶外	戶外	戶外
失效率	≤0.002	≤0.002	≤0.002	≤0.002	≤0.002
維護方式	後維修	後維修	後維修	後維修	後維修