

ABHTRONICS®

LED DISPLAY SERIES

P2/ P4

Indoor Full Color Series

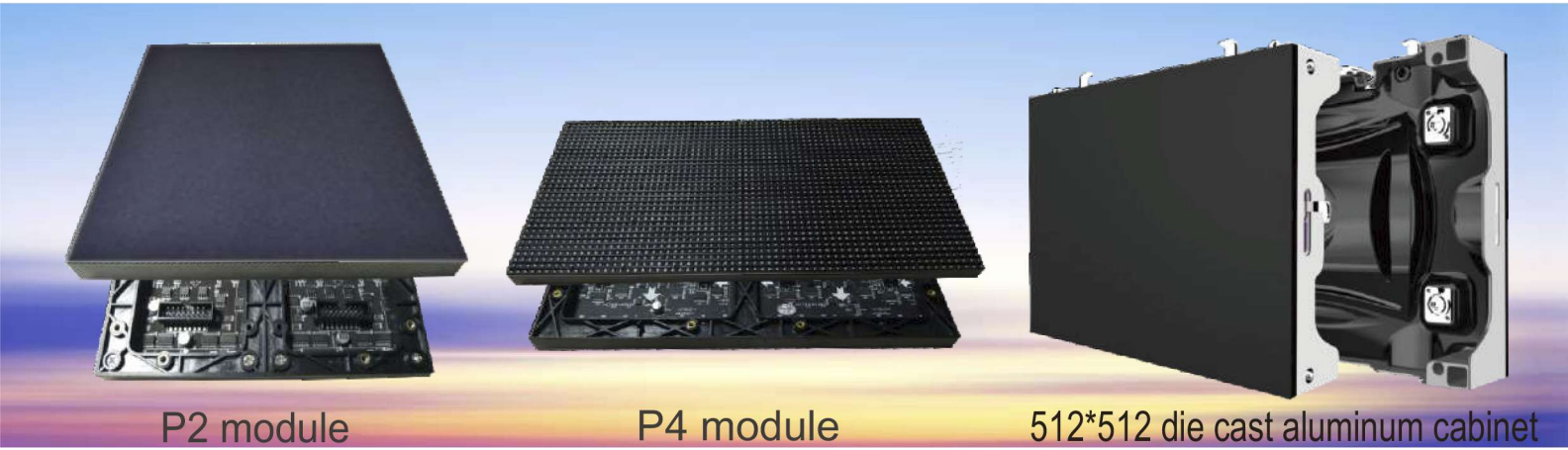
Main areas:publis transport,transport.transoort operators,fire,safety suoervision

•Fine display screen seamless Lossless

No full-screen display of patchwork fine point, to ensure accurate display of digital signals, signal graphic and text information.

•Video Surveillance

Massive video monitoring surveillance video and key combination can not be displayed, and the call to meet the daily needs of emergency command.



P2.5/P5

Indoor Full Color Series

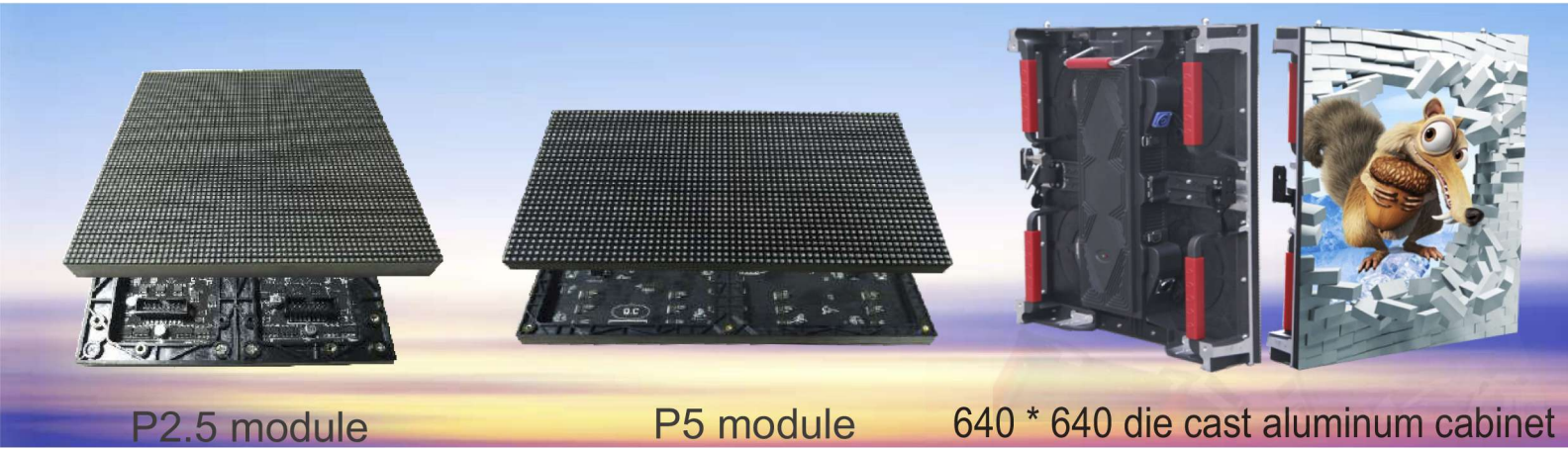
Main areas:public transport, transport, transport operators, fire, safety supervision

•Fine display screen seamless Lossless

No full-screen display of patchwork fine point, to ensure accurate display of digital signals, signal graphic and text information.

•Video Surveillance

Massive video monitoring surveillance video and key combination can not be displayed, and the call to meet the daily needs of emergency command.



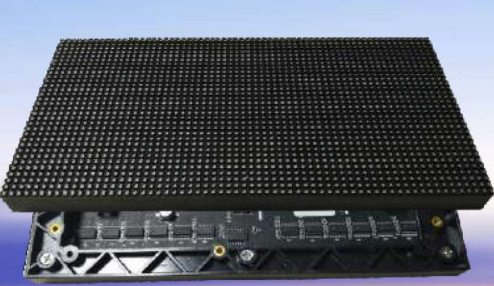
No.	Item	P2	P4
1	Pixel pitch	2mm	4mm
2	Module size	256*128mm	256mm*128mm/128mm*128mm
3	Physical density	250000dots/m ²	62500dots/m ²
4	LED chip	SMD31N1-1010	SMD2020
5	Module resolution	128*64	64*32/32*32
6	Module power	25W	20W
7	Recommended viewing distance	2-10m	4m-28m
8	Best viewing angle	H: 140°; V:120°	H: 120°; V:120°
9	Maximum power consumption	1250W	860W
10	Cabinet size	512*512mm	W512mm*H512mm
11	Driving method	1/32 Scan, Constant Current	1/16Scan/1/8 Scan , Constant Current
12	Rate refresh	≥3840Hz	≥1200Hz
13	White balance brightness	≥1200cd	≥1200cd
14	Operating temperature/Humidity	-20°C~+50°C	-30°C~+45°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001

No.	Item	P2.5	P5
1	Pixel pitch	2.5mm	5mm
2	Module size	160mm*160mm/160mm*80mm	320mm*160mm/160mm*160mm
3	Physical density	160000dots/m ²	40000dots/m ²
4	LED chip	SMD2020	SMD2020
5	Module resolution	64*64/64*32	64*32/32*32
6	Module power	15W	20W
7	Recommended viewing distance	2.5m-18m	5m-35m
8	Best viewing angle	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	800W	700W
10	Cabinet size	W480m*H480mm	W640mm*H640mm
11	Driving method	1/16 、 1/3Scan, Constant Current	1/16 Scan, Constant Current
12	Rate refresh	≥1200Hz	≥1200Hz
13	White balance brightness	≥ 1200cd	≥1400cd
14	Operating temperature/Humidity	-20°C~+50°C	-30°C~+45°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001

P3 / P6

Indoor Full Color Series

- **Reliable,safe**
A data connection using horns, connections are tight, to prevent loosening, horn special structure and material design.repeated patch is good, not easy to damage.
- **High gray scale, fine quality.soft colors**
High gray design, even in low light loss is not gray, large viewing angle, good color uniformity, ensure quality and delicate.High refresh rate to ensure video and photos without a moire phenomenon.
- **Low-power low attenuation, long life**
Adjustable brightness according to indoor environment, low attenuation, multi-layer circuit board design, VH4 power supply.the current distribution.low power consumption, heat dissipation, effectively extending the life of the screen body.



P3 module



P6 module



576*576die cast aluminum cabinet

P3.91 / P4.81 /P6.25

Indoor rental display

- **Slim and lightweight, quick disassembly**
All die-cast aluminum housing uses 500×500mm, precision seamless.slim and lightweight ; wrench between the box by latching type connection, easy to operate:easy installation and removal.
- **Soft image.use zero noise**
SMD-black lights, large viewing angle, high contrast, soft images ; automatic fanless cooling design, good heat dissipation.zero noise.
- **Common good.flexible and easy to use**
Between common standard module housing, easier to calculate the area : 45"outgoing power signal interface settings. convenient patch ; can meet the lifting, landing pile installation, fixed installation requirements.



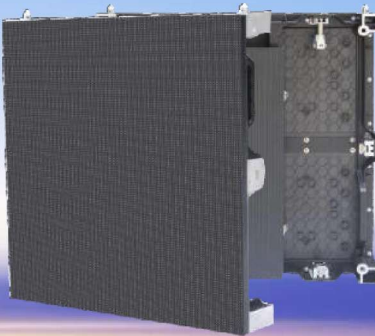
P3.91 module



P4.81 module



P6.25 module



500*500die cast aluminum cabinet

No.	Item	P3	P6
1	Pixel pitch	3mm	6mm
2	Module size	192mm*96mm/192mm*192mm	192mm*192mm
3	Physical density	111111dots/m ²	27777dots/m ²
4	LED chip	SMD2020	SMD3528
5	Module resolution	64*32/64*64	64*32/32*32
6	Module power	15W	20W
7	Recommended viewing distance	3m-10m	6m-42m
8	Best viewing angle	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	800W	700W
10	Cabinet size	W576mm*H576mm	W576mm*H576mm
11	Driving method	1/16、1/32 Scan, Constant Current	1/16 Scan, Constant Current
12	Rate refresh	≥1200Hz	≥1200Hz
13	White balance brightness	≥ 1300cd	≥ 1500cd
14	Operating temperature/Humidity	-30℃~+45℃	-30℃~+45℃
15	Input voltage	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001

No.	Item	P3.91	P4.81	P6.25
1	Pixel pitch	3.91mm	4.81mm	6.25mm
2	Module size	250mm*250mm	250mm*250mm	250mm*250mm
3	Physical density	65536dots/m ²	43264dots/m ²	25600dots/m ²
4	LED chip	SMD2020	SMD2020	SMD3528
5	Module resolution	64*64	52*52	40*40
6	Module power	20W	25W	43W
7	Recommended viewing distance	4m-28m	5m-35m	6-100m
8	Best viewing angle	H: 120°; V:120°	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	860W	780W	700W
10	Cabinet size	W500mm*H500mm W500mm*H1000mm	W500mm*H500mm W500mm*H1000mm	W500mm*H500mm W500mm*H1000mm
11	Driving method	1/16 Scan, Constant Current	1/13 Scan, Constant Current	1/10Scan,Contant Current
12	Rate refresh	≥1200Hz	≥1200Hz	≥1200Hz
13	White balance brightness	≥1300cd	≥1200cd	1400cd
14	Operating temperature/Humidity	-30℃~+45℃	-30℃~+45℃	-20℃~+50℃
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001	<0.0001

P2.5/P3/P4

Outdoor Full Color Series

- Slim and lightweight, quick disassembly
use 512*512 mm simple standard sheet metal cabinet, light and elegant appearance, quick and easy loading and unloading.
- High degree of protection, high durability
Convenient waterproof air plugs, connected to the system; fully waterproof modules, super protection, protection class up to IP65 / IP63.
- Common good. flexible and easy to use
Between common standard module housing, calculate the area easier; Easy installation can be ceiling, fixed installation, a wide range.

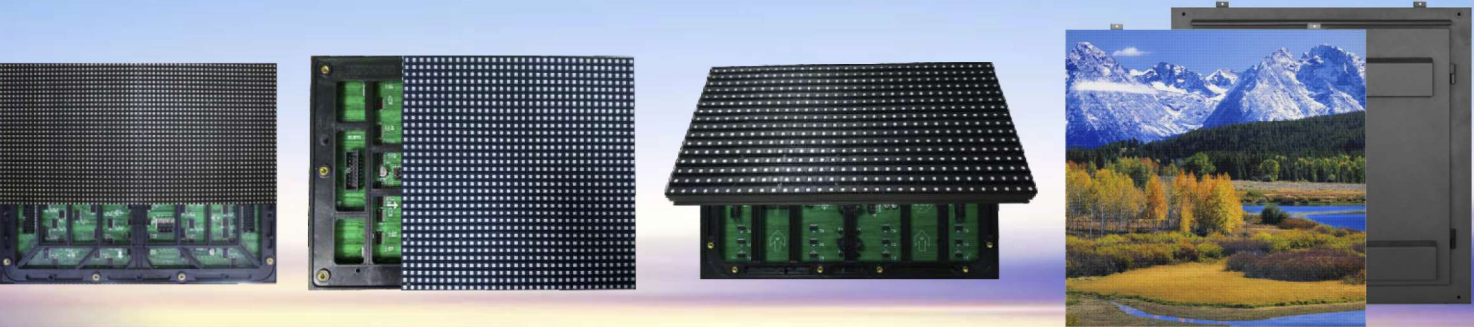


P2.5 module P3 module P3 die cast aluminum cabinet P4 module P4 die cast aluminum cabinet

P3.33/P5/P10

Outdoor Full Color Series

- Slim and lightweight, clear display
Slim cabinet design, high brightness, high contrast, wide viewing angle, high ash and high brush, the picture is still clear and bright in direct sunlight, display true nature.
- tra high protection class
IP65 / IP43 degree of protection, the use of fully waterproof modules, modular suite of anti-UV, high temperature, protect the overall flatness of the screen body, super weather resistance make it without fear of inclement weather.
- Common good, flexible assembly
60x960mm standardized box, panel mounting holes the same size as a standard module housing between GM, ensure the display box structure and consistency.



P3.33 module P5 module P10 module 960 * 960mm waterproof standard box

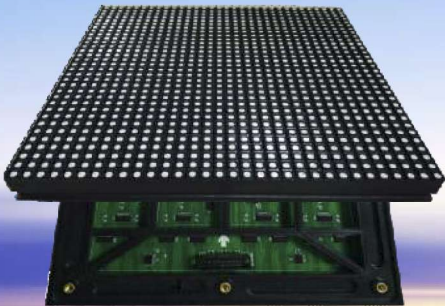
No.	Item	P2.5	P3	P4
1	Pixel pitch	2.5mm	3mm	4mm
2	Module size	160*160mm	192mm*192mm	256mm*128mm
3	Physical density	160000dots/m²	111111dots/m²	62500dots/m²
4	LED chip	SMD1415	SMD 1921	SMD1921
5	Module resolution	64*64	64*64	64*32
6	Module power	30W	45W	25W
7	Recommended viewing distance	3*50m	4m-35m	4m-35m
8	Best viewing angle	H:160°; V:160°	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	1200W	1250W	1250W
10	Cabinet size	W640mm*H640mm	W576mm*H576mm	W512mm*H512mm
11	Driving method	1/16scanning,Constant current	1/16scanning,Constant current	1/8scanning,Constant current
12	Rate refresh	≥1920Hz	1920Hz	≥1920Hz
13	White balance brightness	≥5000cd	≥5500~6000cd	≥5500~6000cd
14	Operating temperature/Humidity	-35°C~+85°C	-35°C~+85°C	-35°C~+85°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hour	> 9000 Hours	> 9000 Hours
17	Life Time	> 100, 000 Hour	> 100,000 Hours	> 100,000 Hours
18	Blind rate	< 0.0001	< 0.0001	< 0.0001
19	IP grade	IP 65	IP 65	IP 65

No.	Item	P3.33	P5	P10
1	Pixel pitch	3.33mm	5mm	10mm
2	Module size	320*160mm	160mm*160mm/320mm*160mm	320mm*160mm
3	Physical density	90180dots/m²	40000dots/m²	10000dots/m²
4	LED chip	SMD1820	SMD2525/SMD1921	SMD3535
5	Module resolution	96*48	32*32/64*32	32*16
6	Module power	52.5W	25W/40W	45W
7	Recommended viewing distance	4m-100m	5m-35m	10m-70m
8	Best viewing angle	H:160°; V:160°	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	1100W	900W	850W
10	Cabinet size	W960mm*H960mm	W960mm*H960mm	W960mm*H960mm
11	Driving method	1/12scanning,Constant current	1/8 Scan, Constant Current	1/2scanning,Constant current
12	Rate refresh	≥1920Hz	≥1200Hz	≥1200Hz
13	White balance brightness	≥6000cd	≥ 5500cd	≥6800cd
14	Operating temperature/Humidity	-35°C~+85°C	-30°C~+45°C	-30°C~+45°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hour	> 9000 Hours	> 9000 Hours
17	Life Time	> 100, 000 Hour	> 100,000 Hours	> 100,000 Hours
18	Blind rate	< 0.0001	< 0.0001	< 0.0001
19	IP grade	IP 65	IP 65	IP 65

P6/P8

Outdoor Full Color Series

- Slim and lightweight, clear display
Slim cabinet design, high brightness, high contrast, wide viewing angle, high ash and high brush, the picture is still clear and bright in direct sunlight, display true nature.
- Uitra high protection class IP65/IP43
Ip65/IP43 degree of protection, the use of fully waterproof modules, modular suite of anti-UV, high temperature, protect the overall flatness of the screen body, super weather resistance make it without fear of inclement weather.
- Common good, flexible assembly
768×768mm standardized box, pan mounting holes the same size as a standard module housing between GM, ensure the display box structure and consistency.



P6 module



P8 module

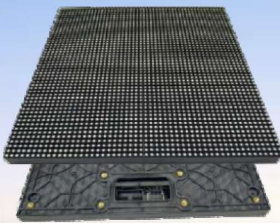


768*768mm waterproof standard box

P3.91/P4.81/P6.25

Outdoor rental display

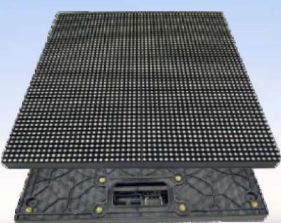
- Slim and lightweight, quick disassembly
Using 500×500mm, 500×1000mm simple standard sheet metal cabinet, light and elegant appearance, quick and easy loading and unloading.
- High degree of protection, high durability
Convenient waterproof air plugs, connected to the system；fully waterproof modules, super protection, protection class up to IP65/1p63.
- Common good, flexible and easy to use
Between common standard module housing, calculate the area easier；Easy installation can be ceiling, fixed installation, a wide range.



P3.91 module



P4.81 module



P6.25 module



500*500die cast aluminum cabinet

No.	Item	P6	P8
1	Pixel pitch	6mm	8mm
2	Module size	192mm*192mm	256mm*128mm
3	Physical density	27777dots/m ²	15625dots/m ²
4	LED chip	SMD3535	SMD3535
5	Module resolution	32*32	32*16
6	Module power	35W	30W
7	Recommended viewing distance	6m-70m	8m-70m
8	Best viewing angle	H: 120°; V:120°	H: 120°; V:120°
9	Maximum power consumption	900W	850W
10	Cabinet size	W576mm*H576mm	W768mm*H768mm
11	Driving method	1/8 Scan, Constant Current	1/4 Scan, Constant Current
12	Rate refresh	≥1200Hz	≥1200Hz
13	White balance brightness	≥6500cd	≥6500cd
14	Operating temperature/Humidity	-30°C~+45°C	-30°C~+45°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001
19	IP grade	IP 65	IP 65

No.	Item	P3.91	P4.81	P6.25
1	Pixel pitch	3.91mm	4.81mm	6.25mm
2	Module size	250mm*250mm	250mm*250mm	250mm*250mm
3	Physical density	65536dots/m ²	43264dots/m ²	25600dots/m ²
4	LED chip	SMD1821/SMD1921	SMD2525/SMD2727	SMD2727
5	Module resolution	64*64	52*52	40*40
6	Module power	62.5W	56W	50W
7	Recommended viewing distance	4-100m	4-100m	6-100m
8	Best viewing angle	H: 160°; V:120°	H: 160°; V:120°	H: 140°; V:120°
9	Maximum power consumption	1000W	900W	800W
10	Cabinet size	W500mm*H500mm W500mm*H1000mm	W500mm*H500mm W500mm*H1000mm	W500mm*H500mm W500mm*H1000mm
11	Driving method	1/16 Scan, Constant Current	1/13 Scan, Constant Current	1/10Scan,Contant Current
12	Rate refresh	≥1200Hz	≥1920Hz	≥1200Hz
13	White balance brightness	4500cd	4000cd	5500cd
14	Operating temperature/Humidity	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001	<0.0001
19	IP grade	IP 65	IP 65	IP 65

P0.8/P1.0/P1.25

Indoor small spacing series

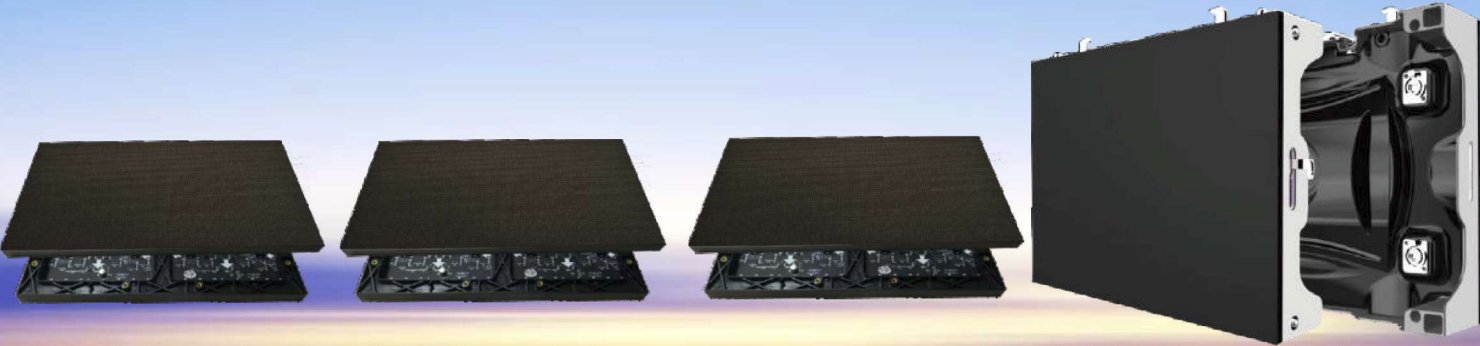
Main areas:public transport, transport, transport operators, fire, safety supervision

•Fine display screen seamless Lossless

No full-screen display of patchwork fine point, to ensure accurate display of digital signals, signal graphic and text information.

•Video Surveillance

Massive video monitoring surveillance video and key combination can not be displayed, and the call to meet the daily needs of emergency command.



P0.8 module

P1.0 module

P1.25 module

400*300die cast aluminum cabinet

No.	Item	P0.8	P1.0	P1.25
1	Pixel pitch	0.8mm	1.0mm	1.25mm
2	Module size	240*240mm	240*135mm	150*168.75mm
3	Physical density	1562500dots/m²	1000000dots/m²	640000dots/m²
4	LED chip	SMD31N1-0606	SMD3 IN 1-0808	SMD3 IN 1-1010
5	Module resolution	300*300	240*135	120*135
6	Module power	45w	27.5w	30w
7	Recommended viewing distance	1-10m	1-10m	1.2-10m
8	Best viewing angle	H:160°;V160°	H:160°;V160°	H:160°;V160°
9	Maximum power consumption	765W	700W	1250W
10	Cabinet size	W480mm*H480mm	W480mm*H270mm	W600mm*H337.5mm
11	Driving method	1/27Scan,Contant Current	Contant Current	1/30Scan,Contant Current
12	Rate refresh	≥3840Hz	≥3840Hz	≥3840Hz
13	White balance brightness	100-800cd	100-800cd	100-800cd
14	Operating temperature/Humidity	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	< 0.0000001	< 0.0000001	< 0.0000001

P1.667/P1.875/P1.923

Indoor small spacing series

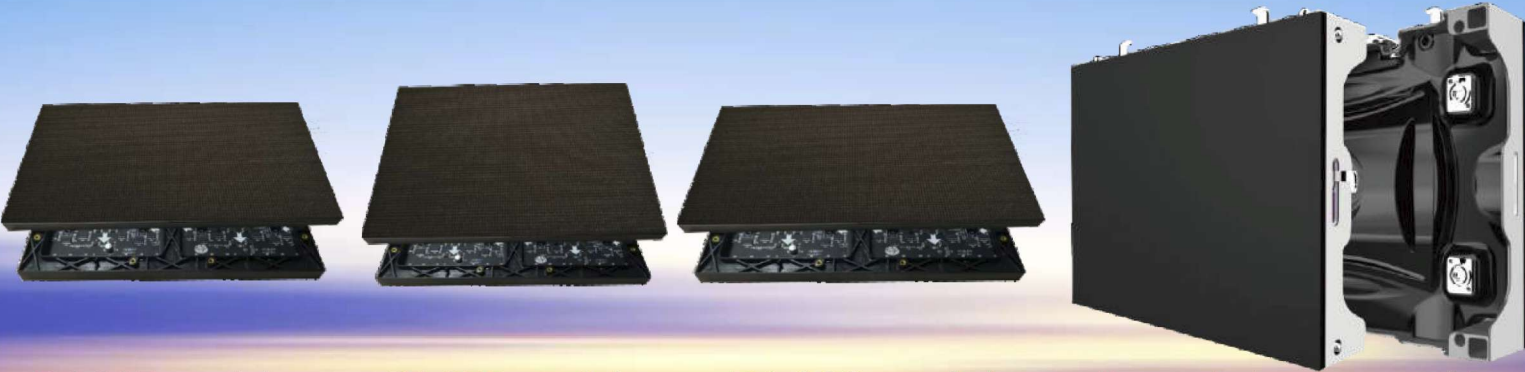
Main areas:public transport, transport, transport operators, fire, safety supervision

•Fine display screen seamless Lossless

No full-screen display of patchwork fine point, to ensure accurate display of digital signals, signal graphic and text information.

•Video Surveillance

Massive video monitoring surveillance video and key combination can not be displayed, and the call to meet the daily needs of emergency command.



P1.667 module

P1.875 module

P1.923 module

die cast aluminum cabinet

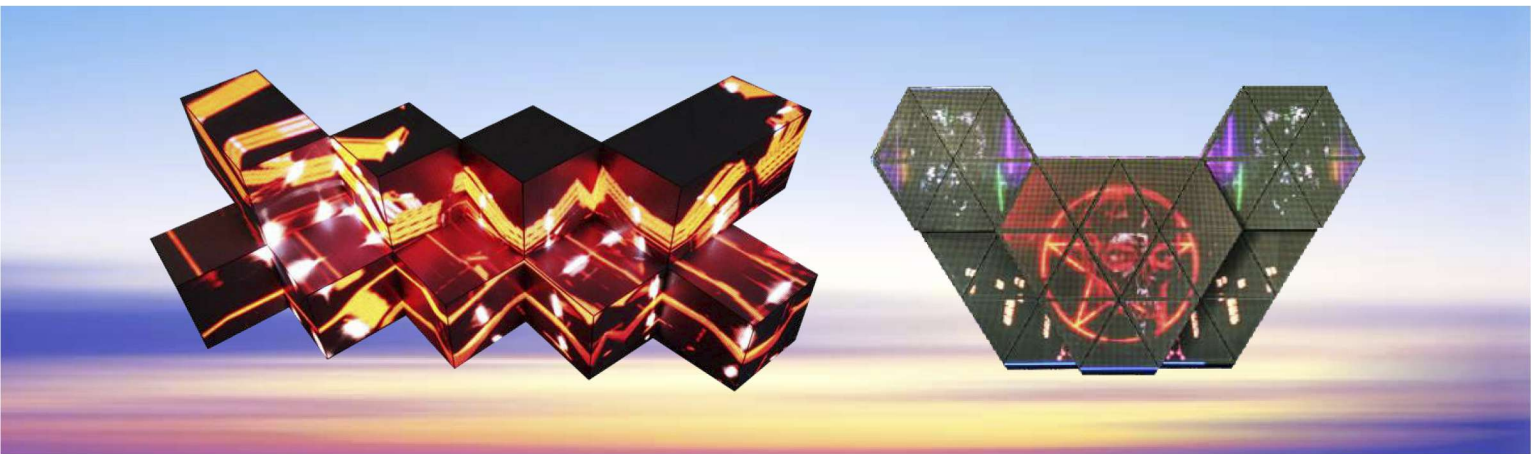
No.	Item	P1.667	P1.875	P1.923
1	Pixel pitch	1.667mm	1.875mm	1.923mm
2	Module size	200*150mm	240*240mm	200*100mm
3	Physical density	360000dots/m²	284444dots/m²	270442dots/m²
4	LED chip	SMD3 IN 1-1010	SMD3 IN 1-1212	SMD3 IN 1-1515
5	Module resolution	120*90	128*128	104*52
6	Module power	30w	25w	23w
7	Recommended viewing distance	1.7m-10m	1.8-10m	1.9-10m
8	Best viewing angle	H:160°;V160°	H:160°;V160°	H:160°;V160°
9	Maximum power consumption	1000W	900W	900W
10	Cabinet size	W400mm*H300mm	W480mm*H480mm	W400mm*H300mm
11	Driving method	1/30 Scan, Constant Current	1/32Scan,Contant Current	1/26Scan,Contant Current
12	Rate refresh	≥1200Hz	≥3840Hz	≥3840Hz
13	White balance brightness	< 800cd	< 800cd	< 800cd
14	Operating temperature/Humidity	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
15	Input voltage	110-220V AC±10%	110-220V AC±10%	110-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours	> 9000 Hours
17	Life Time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	< 0.0001	< 0.0001	< 0.0001

P5

DJ booth

Applications:theme hotels, bars, KTV, clubs and other entertainment

- The latest specification module, matching a variety of shapes
- LED module triangle seamless stitching, perfect visual effect
- According to the human eye to light and made a curved design module, support uniform snapshot technology, the display screen without distortion



No.	Item	DJ booth(P5)
1	Pixel pitch	5mm
2	Module size	160*160mm or 320X160mm
3	Physical density	40000 dots/m²
4	LED chip	SMD2020
5	Module resolution	32*32
6	Recommended viewing distance	5-50m
7	Maximum power consumption	2400W
8	Cabinet size	2590mm*1670mm
9	Standard cabinet resolution	1/16 Scan, Constant Current
10	Rate refresh	≥960Hz
11	White balance brightness	≥1200cd
12	Operating temperature/Humidity	-20℃~+60℃
13	Input voltage	100-220V AC±10%
14	MTBF	> 9000 Hours
15	Life time	>100,000 Hours
16	Blind rate	<0.0001

LED time tunnel display

Application fields: exhibition hall, playground, shopping mall, digital exhibition hall, museum, square, etc

- Customized module, box and structure, various solutions and interactive effects can be customized according to customer's size
- The crossing experience project created by LED time tunnel display brings the audience a fine sense of picture and a variety of immersive interactive experiences, from the four seasons to the mysterious space crossing, giving tourists a thrilling visual enjoyment
- With the help of infrared light wave and distance sensing, the real-time picture effect can be presented according to the track of human motion, so as to achieve various special effects



Tunnel screen box

Tunnel screen structure

Effect after installation and debugging

No.	Item	P3	P3.91	P4
1	Pixel pitch	3mm	3.91mm	4mm
2	Module size	192*192mm	250*250mm	256*128mm
3	Physical density	111111dot/m²	65536dot/m²	62500dot/m²
4	LED chip	SMD2020	SMD2020	SMD2020
5	Module resolution	64*64dot	64*64dot	64*32dot
6	Interactive effects package	More than 60 sets	More than 60 sets	More than 60 sets
7	Interactive device	Radar laser interactive equipment	Radar laser interactive equipment	Radar laser interactive equipment
8	Recommended viewing distance	3-50m	4-50m	4-50m
9	Maximum power consumption	850W	800W	750W
10	Cabinet size	576*576mm	500*500mm/500*1000mm	512*512mm
11	Standard cabinet resolution	1/32Scan,Constant Current	1/16Scan,Constant Current	1/16Scan,Constant Current
12	Rate refresh	≥1920Hz	≥1920Hz	≥1920Hz
13	White balance brightness	≥1200cd	≥1200cd	≥1200cd
14	Operating temperature/Humidity	-20℃~+60℃	-20℃~+60℃	-20℃~+60℃
15	Input voltage	100-220V AC±10%	100-220V AC±10%	100-220V AC±10%
16	MTBF	> 9000 Hours	> 9000 Hours	> 9000 Hours
17	Life time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001	<0.0001

LED interactive floor tile screen

Applications:theme hotels, bars, KTV, clubs and other entertainment

- The latest specification module, matching a variety of shapes
- Ground drag installation, no need to build steel structure, saving installation cost; Bearing capacity: 1.5T, treading strength: the surface is made of a matted mask, which is antiskid
- With the help of infrared light wave and distance sensing, the real-time picture effect can be presented according to the track of human motion, so as to achieve various special effects



Module front

Cabinet front

Height adjustable floor tile screen

No.	Item	P3.91	P4.81	P6.25
1	Pixel pitch	3.91mm	4.81mm	6.25mm
2	Module size	250*250mm	250*250mm	250*250mm
3	Physical density	65536dot/m²	43264dot/m²	25600dot/m²
4	LED chip	SMD2020	SMD2020	SMD2727
5	Module resolution	64*64dot	52*52dot	48*48dot
6	Module surface material	PC matte mask	PC matte mask	PC matte mask
7	Screen bearing	2.5t	2.5t	2.5t
8	Recommended viewing distance	4-50m	4-50m	4-50m
9	Maximum power consumption	800W	750W	600W
10	Cabinet size	500*500mm/500*1000mm	500*500mm/500*1000mm	500*500mm/500*1000mm
11	Standard cabinet resolution	1/16 Scan, Constant Current	1/16Scan,Constant Current	1/5Scan,Constant Current
12	Rate refresh	≥1920Hz	≥1920Hz	≥1920Hz
13	White balance brightness	≥1200cd	≥1200cd	> 5000cd
14	Operating temperature/Humidity	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
15	Input voltage	100-220V AC±10%	100-220V AC±10%	100-220V AC±10%
16	MTBF	>9000 Hours	>9000 Hours	>9000 Hours
17	Life time	>100,000 Hours	>100,000 Hours	>100,000 Hours
18	Blind rate	<0.0001	<0.0001	<0.0001

LED stadium screen

