



CORPORATE BROCHURE

Display your splendor and beauty!

Shenzhen Display-Display Photoelectricity Co.,Ltd

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Company Mission

Become a trusted and respected world leading LED display solution provider !

Core Values

*Customer first
teamwork honest
and responsible*



Factory Area
8,000m

success case
5,000+

ABOUT US

Our factory established in May 2011 is a "double high-tech" technology enterprise (National High-tech, Shenzhen High-tech Enterprise) specializing in R&D and production of indoor and exterior LED display. It has four production bases in Shenzhen. It currently employs more than 400 people, covers an area of about 60,000 square meters, and has more than 80 automated production lines. It has 30 exclusive core agents in China. It has accumulated 10,000 engineering cases are densely distributed in China. At present, the products include constant color, small pitch, smart rental, 3 floor tiles, smart outdoor grill screen, poster screen, transparent screen and creative screen. There are 8 series, product standardization and large-scale production, which can meet channel and engineering customers' different needs.

Business Scope

DISPLAY-DISPLAY is a professional outdoor and indoor fixed and rental LED display solution supplier. And more, we provide the creative LED display, such as curved LED display, sphere LED display, curtain LED display, transparent LED display, floor LED display, etc. We specialize in LED display OEM and ODM. We are able to provide the customized products according to the special needs and requirements of our customers.

Company Vision Making a better world with LED visual!



Product portfolio

Our strengths

DISPLAY DISPLAY has a strong R&D foundation in the field of LED stage rental screens and places a high emphasis on intellectual property protection.



Market share

10%

Nearly 10%market share of Asia Pacific LED rental screens

Quality control

14

ISO9001 Quality Management System
A quality management team with 14 years of professional experience
6S Production Management Standards

R&D strength

18

18 years of professional R&D experience in leading enterprises
R&D backbone has completed over 10 industry explosive products

Quality control

30,000m²

Monthly production capacity:3000 square meters
30000m²average annual production capacity
100+experienced employees



 TUV Rheinland



Rental



C Series



K Series



F Series

Indoor fixed



T Series



X Series

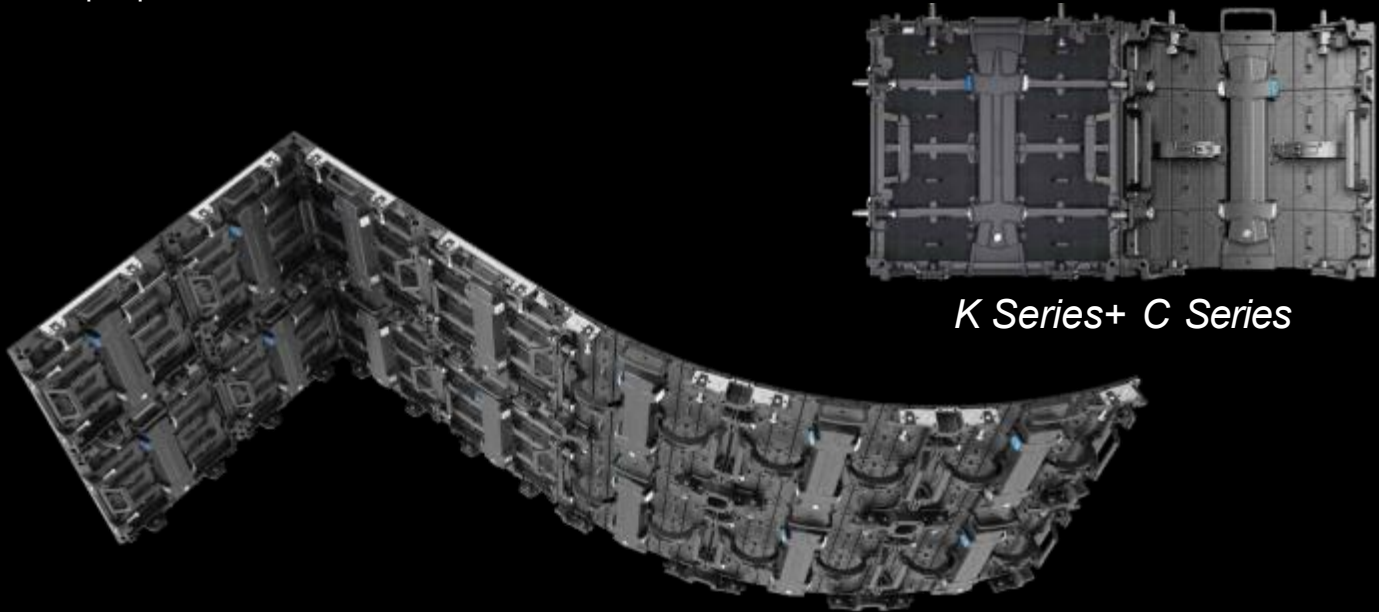
Outdoor fixed



Z Series

Creative
MORE.....

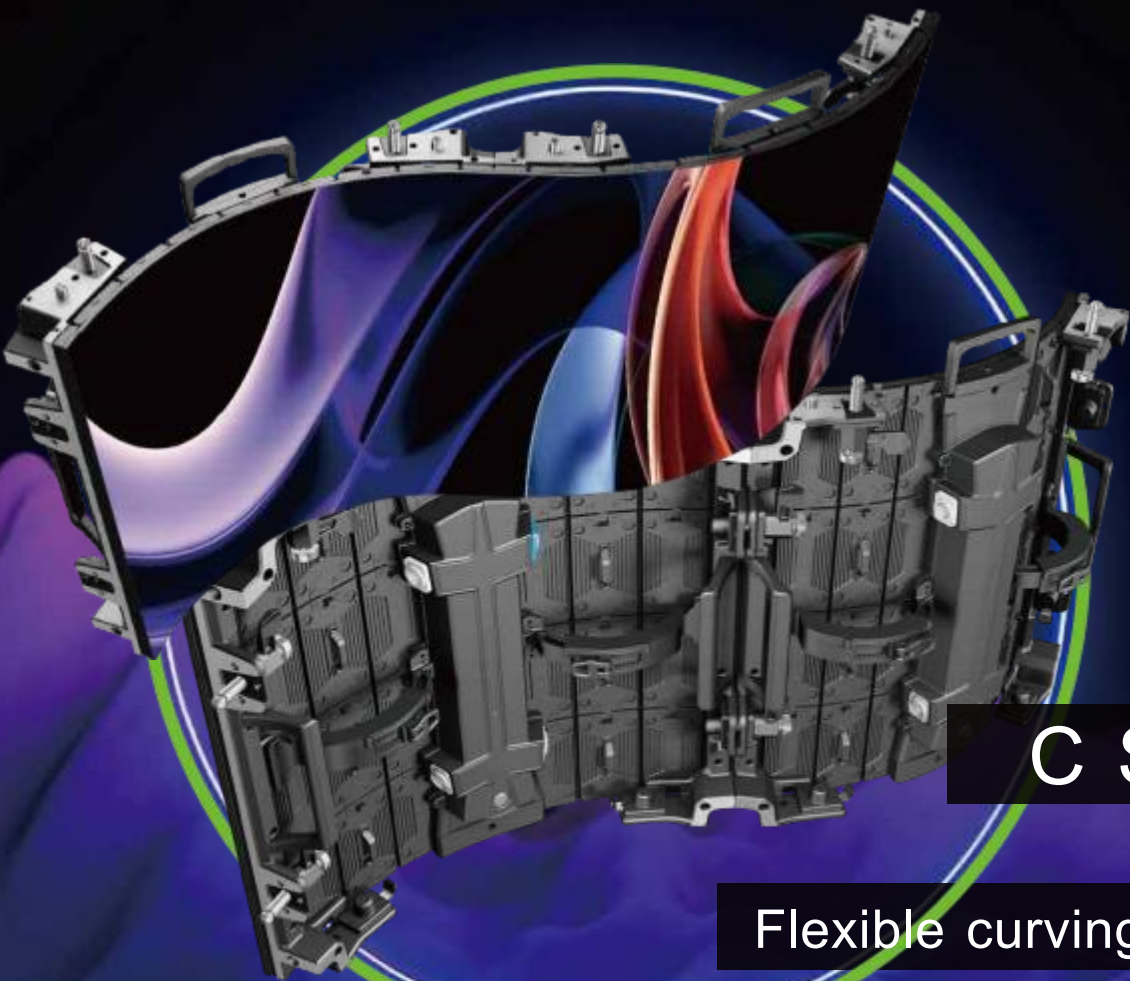
CompatibleSplicing Solution
Multiple products can be matched and connected



K Series+ C Series

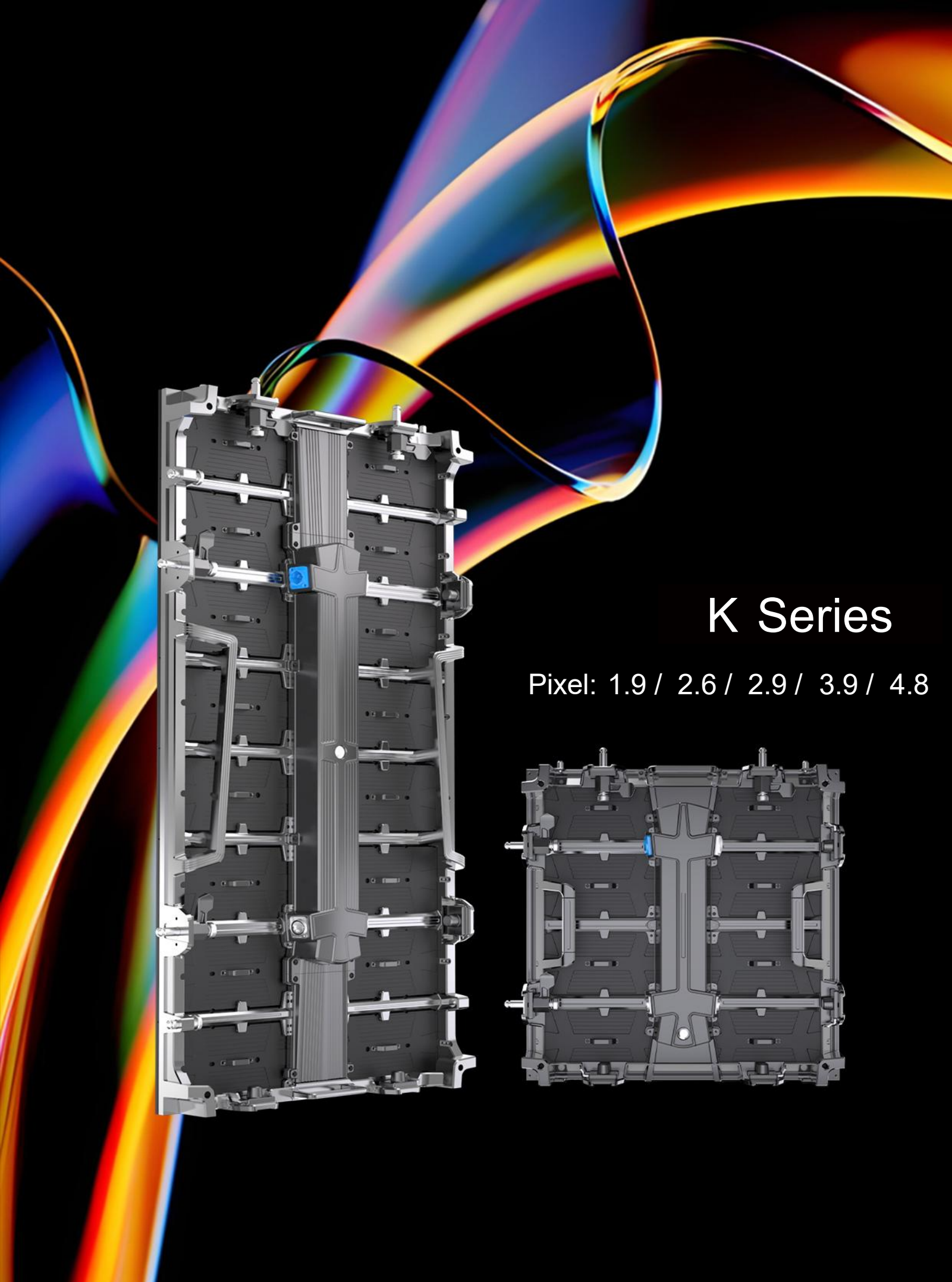
Specification

Product	P2.6 Indoor	P2.9 Indoor	P3.9 Indoor
Model No.	P2.6	P2.9	P3.9
Pixel Pitch (mm)	2.604	2.976	3.9062
LED Type	SMD indoor 1515	SMD indoor 1515	SMD indoor 2020
Model Resolution(dots)	192*48	168*42	128*32
Module Pixels	9216	7056	4096
Module Size (mm)	500*125	500*125	500*125
Pixels Density (dot/ m²)	147456	112896	65536
Viewing Distance (m)	3	5	8
White Balance Brightness (nits)	800~1000	800~1000	800~1000
White Balance Temperature (K)	6000~10000	6000~10000	6000~10000
Viewing Angles (°)	H:160 V140	H:160 V140	H:160 V140
Cabinet Resolution (dots)	192*192	168*168	128*128
Cabinet Size (mm)	500*500*65	500*500*65	500*500*65
Cabinet Material	Aluminum die-casting	Aluminum die-casting	Aluminum die-casting
Cabinet Weight (kg)	≈6.6kg	≈6.6kg	≈6.6kg
Grayscale	14~16 Bit x RGB	14~16 Bit x RGB	14~16 Bit x RGB
Brightness Adjustment	100 level	100 level	100 level
Frame Frequency (Hz)	60Hz / 50Hz	60Hz / 50Hz	60Hz / 50Hz
Refresh Rate (Hz)	7680	7680	7680
Driving method	1/24s constant current driving	1/21s constant current driving	1/16s constant current driving
Working Voltage (V)	AC100~240, AC180~240	AC100~240, AC180~240	AC100~240, AC180~240
Input Frequency (Hz)	50/60	50/60	50/60
Max Power Consumption per Cabinet (W)	≈120	≈120	≈120
Average Consumption per Cabinet (W)	≈60	≈60	≈60
Lifespan (H)	≥50000	≥50000	≥50000
IP Rate	IP30	IP30	IP30



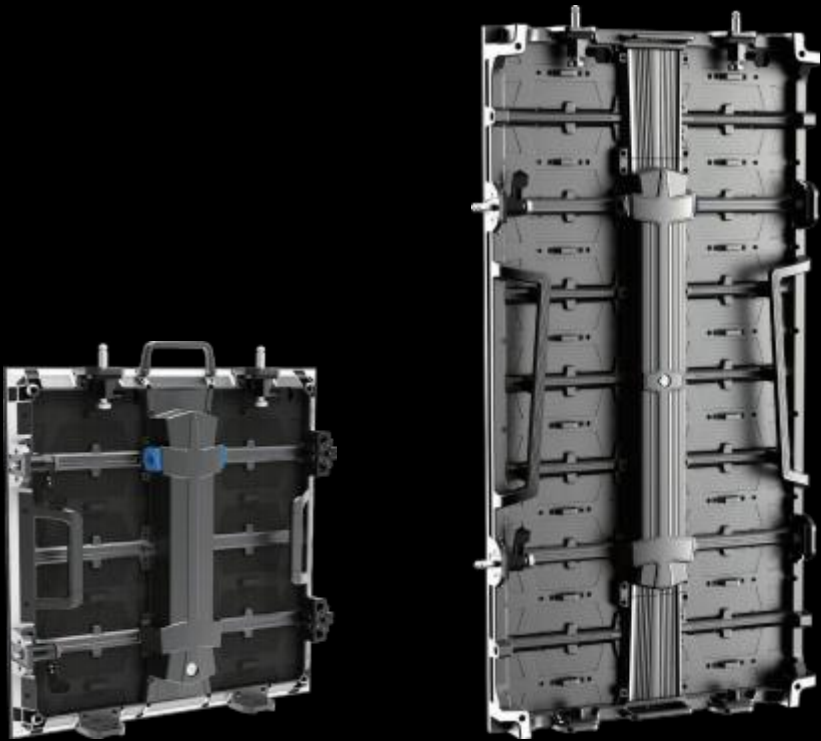
C Series

Flexible curving solution



K Series

Pixel: 1.9 / 2.6 / 2.9 / 3.9 / 4.8



500(W) x 500(H) mm

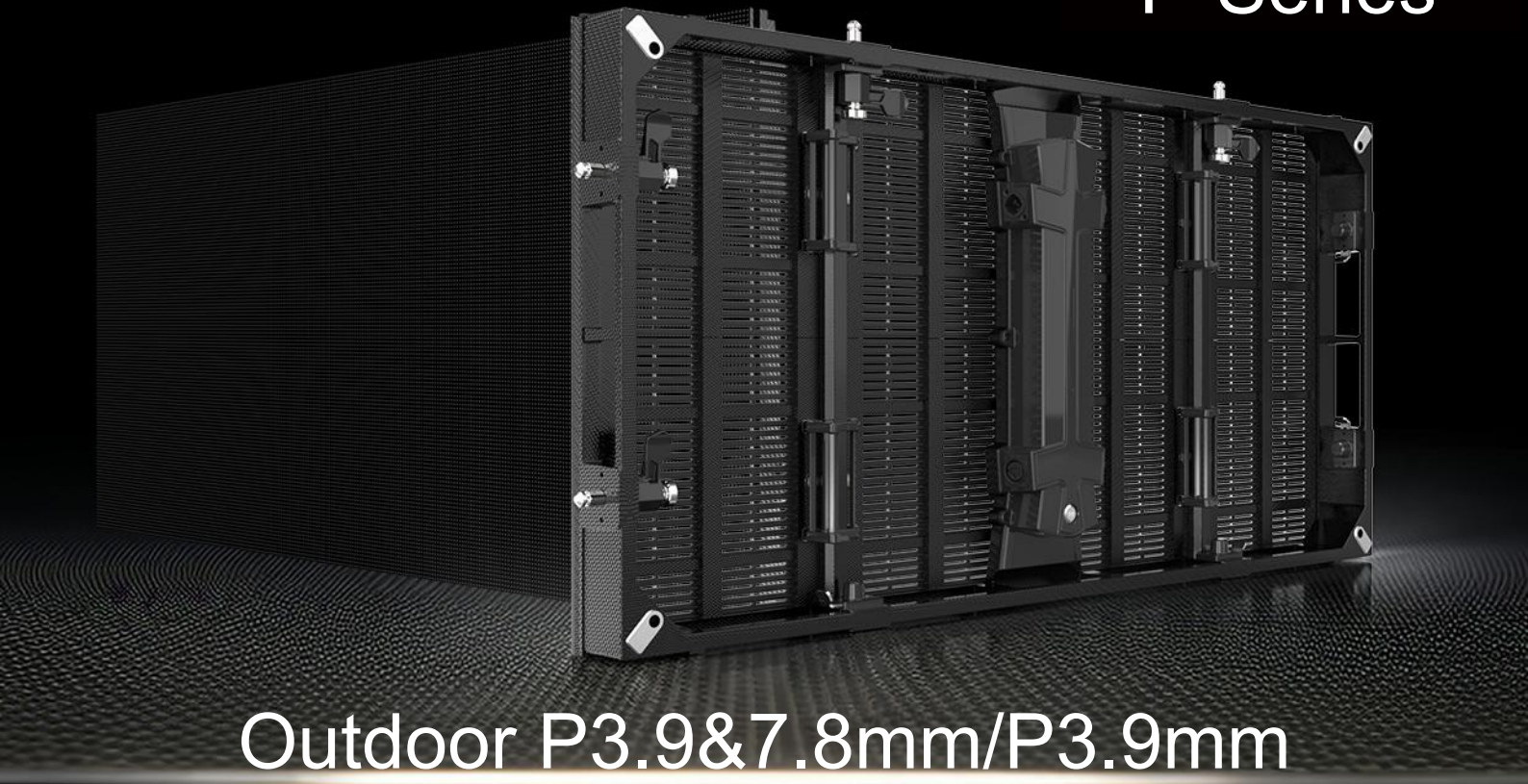
500(W) x 1000(H) mm

SPECIFICATIONS	INDOOR				OUTDOOR	
Pixel Pitch (mm)	1.9	2.6	2.9	3.9	3.9	4.8
LEDtype	SMD1415			SMD2121	SMD1921	
Scanmethod	1/32 S	1/24 S	1/21 S	1/16 S		1/13 S
Moduleresolution(Pixels)	256 x 64	192 x 48	168 x 42	128 x 32		104 x 26
Modulesize(mm)	500 x 125					
PixelDensity(Pixels/m)	262,144	147,456	112,896	65,536		43,264
Brightness (cd/m)	1100				4000	
ViewingAngle(HV)	H: 160 V: 160					
CabinetSize(mm)	500 x 500 x 65 / 500 x 1000 x 65mm					
CabinetMaterial	Aluminum die-casting					
Cabinetweight(kg)	6.6 / 9.7				6.9 / 10.5	
Refreshrate(Hz)	> 3840 / 7680 Hz					
Input voltage(V)	AC110 - 240					
Input powerfrequency(Hz)	50 / 60					
MaxInput Power(W/m)	480				720	
AverageInputPower(W/m)	140				210	
Lifespan(H)	> 50,000					
IP Rate	IP30				IP54	



Fiber cabinet
Real carbon fiber cabinet, high-end and thin

F Series



Outdoor P3.9&7.8mm/P3.9mm



Size: 1000x 500x75mm

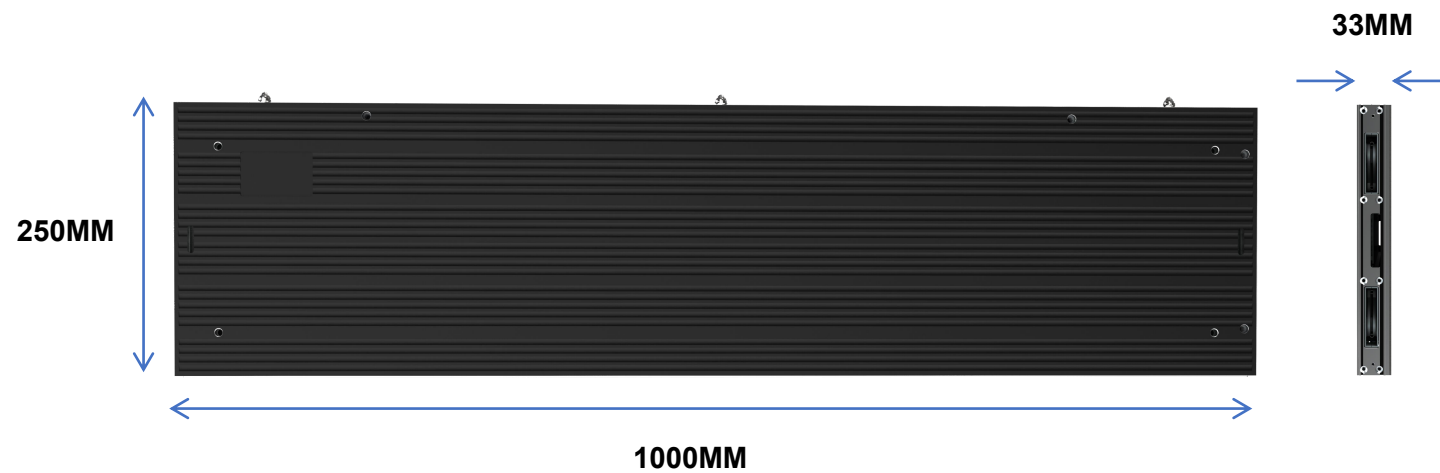
Specification

product	P3.9&7.8 Outdoor	P3.9 Outdoor
Product model	P3.9*7.8	P3.9
Pixel pitch(mm)	3.9/7.8	3.90621
Lamp model	SMD1921 white	SMD1921 white
Module pixel resolution(dots)	128*32	128*64
module pixels(dots)	4096	81921
Module size(mm)	500*250	500*250
Pixel density(dot/m²)	32768	655361
Viewing distance(m)	15	5
Brightness(nits)	4000~4500	4000~4500
White color temperature(°)	6000~10000	6000~10000
Viewing angle (°)	H:160 V:140	H:160 V:140
Panel pixle resolution (dots)	256*64	256*128
Panel dimention	1000*500*75	1000*500*75
Cabinet material	Carbon fiber	Carbon fiber
Panel weight	≈7.5KG	≈9KG.
Grey scale.	14~16BitxRGB	14~16BitxRGB
Brightness adjustment method	100 classes adjustment	100 classes adjustment
Frame frequency	60Hz/50Hz	60Hz/50Hz
Refresh rate(Hz)	7680	3840
Driving method!	1/8 scanning	1/16scanning
Working Voldtage(v)	AC100-240、AC180-240	AC100-240/AC180-240
Input Power HZ	50/601	50/601
Max Power consumption/panel(W!	x3501	x3501
Power consumption/panel(w)	x1801	≈180
Lifespan(H)	≥50000	≥50000
IP Level	Front IP65/Rear IP54	Front IP65/Rear IP54



X Series

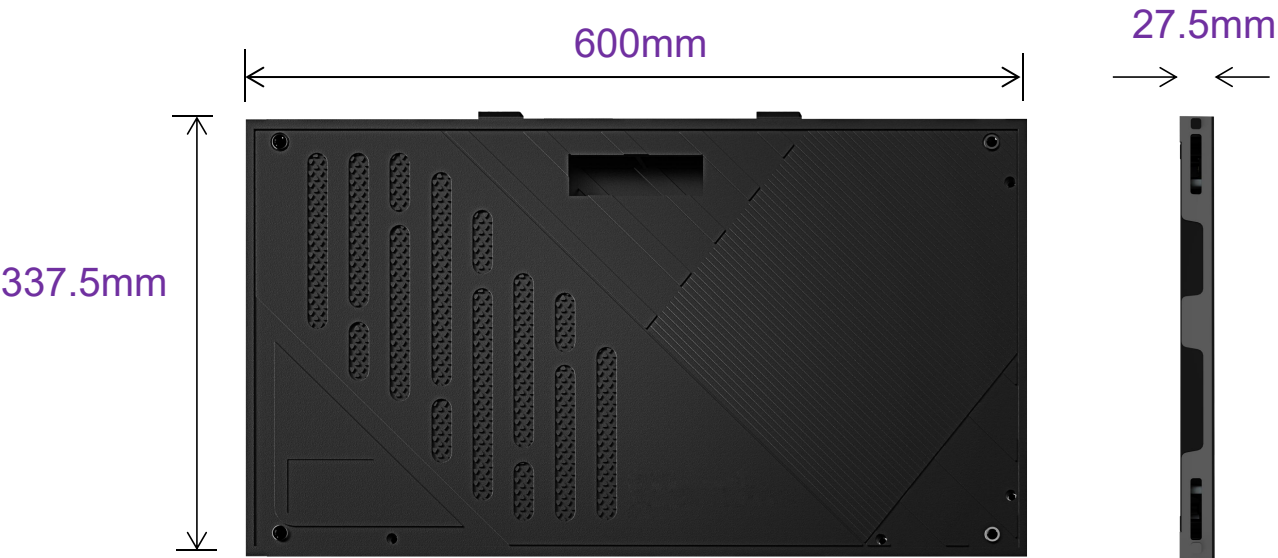
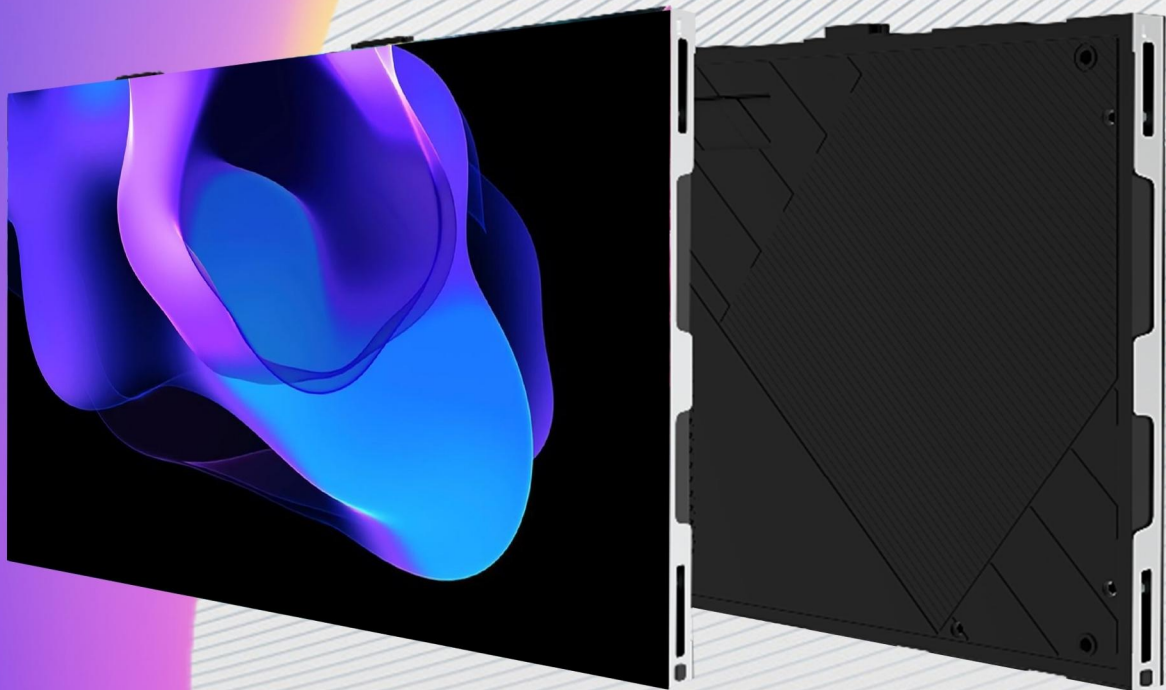
Indoor fixed
installation



Pixel Pitch	P1.56mm	P1.95mm	P2.5mm	P2.604mm	P2.976mm	P3.91mm
LED Type	SMD1212(GOB)	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020
Physical density(Dot/sqm)	409600	262144	160000	147456	112896	65536
Module resolution	160X160	128X128	100X100	96X96	84X84	64X64
Module dimension(mm)	250X250	250X250	250X250	250X250	250X250	250X250
Panel size(mm)	1000X250X33	1000X250X33	1000X250X33	1000X250X33	1000X250X33	1000X250X33
Panel resolution	640X160/480X160	512X128/384X128 256X128	400X100/300X100 200X100	384X96/288X96 192X96	336X84/252X84 168X84	256X64/192X64 128X64
Module quantity(WXH)	4X1/3X1	4X1/3X1/2X1	4X1/3X1/2X1	4X1/3X1/2X1	4X1/3X1/2X1	4X1/3X1/2X1
Maintenance	Front access	Front access	Front access	Front access	Front access	Front access
Cabinet material	Aluminum Profile	Aluminum Profile	Aluminum Profile	Aluminum Profile	Aluminum Profile	Aluminum Profile
Brightness(Nits)	600	800	800	800	800	1000
Color temperature(K)	3200-9300 Optional	3200-9300 Optional	3200-9300 Optional	3200-9300 Optional	3200-9300 Optional	3200-9300 Optional
Gray level	14/16 Optional	14/16 Optional	14/16 Optional	14/16 Optional	14/16 Optional	14/16 Optional
Viewing angle(V/H)	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Brightness/Color uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame frequency	50/60	50/60	50/60	50/60	50/60	50/60
Drive mode	1/40 scan	1/32 scan	1/25 scan	1/32 scan	1/28 scan	1/16 scan
Single point brightness correction	Have	Have	Have	Have	Have	Have
Refresh rate(Hz)	3840	3840	3840	3840	3840	3840
Max. power consumption(W/sqm)	650	650	650	650	650	650
Avg. power consumption(W/sqm)	100-200	100-200	100-200	100-200	100-200	100-200
Protection level	IP31	IP31	IP31	IP31	IP31	IP31
Power input	AC90-264V,47-63Hz					
Wroking temperature/humidity(°C/RH)	-20~60°C/10%~85%					
Storage temperature/humidity(°C/RH)	-20~60°C/10%~85%					
Certificatiom	CCC/CE/RoHS/FCC/CB/TUV/IEC					

Indoor Small Pixel Pitch

HD Series



Pixel Pitch	P0.78125mm	P0.9375mm	P1.25mm	P1.5625mm	P1.875mm
LED Type	Mini4 in 1	Mini4 in 1	SMD1010	SMD1010/1212	SMD1010/1515
SMD Type	1638400	1137778	640000	409600	284444
Physical Density(dots/m²)	192X216	320X180	240X135	192X108	1608X90
Module Resolution	150X168.75	300X168.75	300X168.75	300X168.75	300X168.75
Panel Dimension(W xH/mm)	600X337.5X27.5	600X337.5X27.5	600X337.5X27.5	600X337.5X27.5	600X337.5X27.5
Module Size (mm)	768X512	640X360	480X270	384X216	320X180
Panel Resolution	4X2	2X2	2X2	2X2	2X2
Module quantity(W xH)	4.5	4.5	4.5	4.5	4.5
Panel Weight(kg)	Front maintenance	Front maintenance	Front maintenance	Front maintenance	Front maintenance
Maintenance Mode	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum
Cabinet material	Have	Have	Have	Have	Have
Brightness(Nits)	≥600	≥600	≥600	≥600	≥600
Color temperature(K)	1000-18500 Optional	1000-18500 Optional	1000-18500 Optional	1000-18500 Optional	1000-18500 Optional
Viewing Angle(H/V)	170°/170°	170°/170°	170°/170°	170°/170°	170°/170°
Best viewing distrance	≥99.8%	≥99.8%	≥99.8%	≥99.8%	≥99.8%
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame -changing Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Drving Mode	1/48 scan	1/46 scan	1/45 scan	1/48 scan	1/45 scan
Grey Level	16bit	16bit	16bit	16bit	16bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Max power consumption(W/m²)	350	350	350	350	350
Avg power consumption(W/m²)	100	100	100	100	100
Grude	IP31	IP31	IP31	IP31	IP31
Power supply requirements	AC90-264V,47-63Hz				
Working Temp/Humidity(°C/RH)	-20~60°C/10%~85%				
Storage Temp/Humidity(°C/RH)	-20~60°C/10%~85%				
Cert	CCC/CE/RoHS/FCC/CB/TUV/IEC				



Z Series

Outdoor LED Panel 960*960*90mm



Specification

Model	Z-4.4	Z-5.7	Z-6.67	Z-8	Z-10
Pixel Pitch(mm)	P4.4	P5.7	P6.67	P8	P10
Cabinet Resolution	218*218	168*168	144*144	120*120	96*96
Cabinet Size(W × H × Dmm)	960 x960 x90	960 x960 x90	960 x960 x90	960 x960 x90	960 x960 x90
Module Size(W × H) (mm)	480 x320	480 x320	480 x320	480 x320	480 x320
Cabinet Weight (kg)	24.5	24.5	24.5	24.5	24.5
IP Rate	IP65	IP65	IP65	IP65	IP65
Brightness(nits = cd/m²)	≥5000	5500~12000	6000~12000	6000~12000	6000~12000
Contrast Ratio	8000:1				
Refresh Rate(Hz)	3840				
Frame Rate(Hz)	60				
Colour Temperature(K)	6500-9000(adjustable)				
Viewing Angle(H./V.)	140°/120°				
Peak Power Consumption(W/m²)	450				
Average Power Consumption(W/m²)	150				
Working Voltage	AC:100V~240V, 50/60Hz				
Lifetime(Hours)	100000				
Operating Temp(°C)	-20°C~60°C/10%RH-98%RH (Non Condensing)				
Humidity Range(%RH)	10~90				

