FINELED

Finest LED to brighten your business

www.fineleddisplay.com

About Us

FineLED Display has emerged as a leading LED brand manufactured and supplied by Design World Advertising LLC. We supply a wide range of LED display and LED screen products across the Middle east, U.K. and Africa.

Headquartered in UK and with over 20 years of experience in manufacturing and installation of LED, signage, graphics design, digital printing, digital marketing, and printing we are constantly evolving our understanding and capabilities based on latest technology and our clients' need. We combine our state-of-the-art technology, design, and innovation ideas to revitalize your imagination. Although we are all about unleashing the dazzle and the visual spectacle, FineLED offers much more than just high-end LED technology.

Environment friendly & Energy conservation - "Save Energy, Save the Planet."

Our Benefits
High Quality & Durable
Innovative Technology
Trained Staff
Cost Effective
24/7 Support
Transparent Pricing

Product Features

Our products are quality controlled by qualified and talented QA/QC engineers and that provides top quality, high reliability, high performance and long-lasting LED solutions and products. Our manufacturers have successfully obtained certificates of ISO 9001, CE and RoHS*. FineLED manufacturers are also equipped with technically advanced machines for quality test for example, brightness testing, salt & humidity testing, high & low temperature testing, twist testing and UV testing etc.

ECO-FRIENDLY SMALL PIXEL INDOOR LED DISPLAY

| Low Power Consumption Saving up to 80% energy than traditional cabinet
| Maximum Contrast ratio up to 5000: 1
| High Contrast Ultra-small pixel pitch
| high pixel density
| Resolution up to 1080P more
| HD Video Display
| High Gray Scale
| Grey scale processing up to 16bit+ grayscale,
| Refresh frequency up to 3200Hz
| High Refresh Rate
| Wide Viewing Angle
| Horizontal viewing angle up to 160 degrees
| CNC high precision processing,
| Seamless Assembly
| Wide range of brightness adjustment up to 1500nit brightness to meet the different needs

Product Type: Fine ECO-Series
Pixel Pitch (mm): P1.25, P1.53, P1.67, P1.86, P2.0

Our finest narrow pixel pitch LED video wall displays are very high standard and deliver only the highest quality LED display using the latest technology to provide the sharpest, brightest picture quality at wider angles with the most reliable and latest engineering quality for a longer quality of life. The fine pitch ultra-high resolution LED Screens are the perfect display solution for indoor events such as Conference Meeting Rooms, Broadcasting TV Station, Military Control Room, Worship place, Conventions or Exhibitions, Shopping Malls, Hotels, Billboards, Casinos, Sports Auditorium, Airports etc.

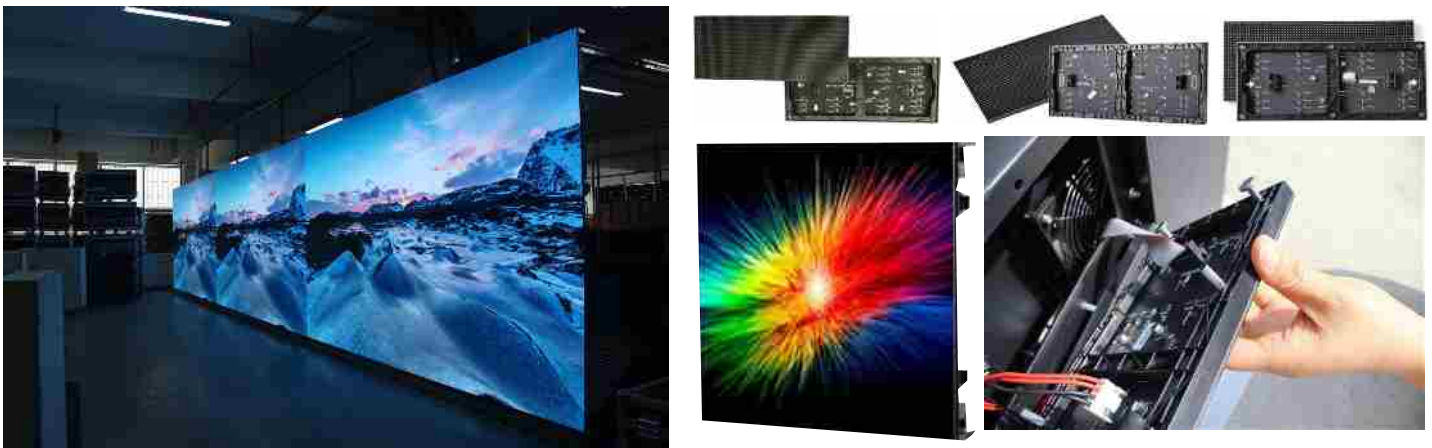| Technical Parameter						
Pixel Pitch (mm)	**P0.9**	**P1.25**	**P1.55**	**P1.667**	**P1.86**	**P2**
Module Size (mm*mm)	300*168*14.5	320*160*14.5	320*160*14.5	320*160*14.5	320*160*14.5	320*160*12
Led Lamp Configuration	SMD0606	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Pixel Density (dots/m2)	1101068	640000	422500	360000	295664	250000
Module resolution (dots)	320*180	256*128	208*104	190*96	172*86	166*80
Scan Mode	1/30 S	1/64 S	1/52 S	1/48 S	1/43 S	1/40 S
Brightness (CD/m2)	600	800-1000	800-1000	800-1000	800-1000	800-1000
Refresh Rate (Hz)	3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Gray Scale (bit)	14 - 16bit	14 - 16bit	14 - 16bit	14 - 16bit	14 - 16bit	14 - 16bit
Max/Avg. Power Consumption (Wm2)	607/202	600/300	600/300	600/300	600/300	600/300
Module Weight (Kg)	0.44	0.44	0.42	0.42	0.42	0.42
Viewing Angel	H: 160°/V: 160°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	IP43	IP43	IP43	IP43	IP43	IP43
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%					
Maintenance Mode	Front / Back					
Operating Temperature	−30℃~+60℃; 10%~95%RH					
Controller System	Movistar/ Colorlight/ Huidu/ Linsn					
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, Composition, etc.					
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km					
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)					

Product Size: 320*160*12 mm,
Pixel Pitch (mm): P2.5, P3, P4, P5
Product Type: Fine IFD-Series, Environment: Indoor

Description: Indoor fixed LED display is a screen made up of high-quality material for exhibiting and presenting various demonstrations. Indoor FineLED display series is particularly suited to various indoor applications, which adopts super quality of materials and advanced production technology. FineLED uses high 16-bit colour refresh rate processing ICs and leading brand LED lamps within its products to deliver the accuracy of the colour reduction.

Indoor LED display are used for Retails, Events, Conference Meeting Rooms, Broadcasting TV Station, Military Control Room, Church Worship, Conventions or Exhibitions, shopping malls, Hotels, Billboards, Casinos, Sports Auditorium, Airports etc.

Technical Parameter				
Pixel Pitch (mm)	P2.5	P3	P4	P5
Module Size (mm*mm)	320*160*12	320*160*12	320*160*12	320*160*12
Led Lamp Configuration	SMD1515	SMD2020	SMD 2121	SMD 2121
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Pixel Density (dots/m2)	160000	110889	62500	40000
Module resolution (dots)	160*80	128*64	190"96	172"86
Scan Mode	1/38 S	1/32 S	1/26 S	1/20 S
Brightness (CD/m2)	800-1000	800-1000	800-1000	800-1000
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840
Gray Scale (bit)	14	14	14	14
Max/Avg. Power Consumption (Wm2)	600/300	600/300	600/300	600/300
Module Weight (Kg)	0.42	0.42	0.42	0.42
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	IP43	IP43	IP43	IP43
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%			
Maintenance Mode	Front / Back			
Operating Temperature	−30℃~+60℃; 10%~95%RH			
Controller System	Novastar/ Colorlight/ Huidu/ Linsn			
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, Composition, etc.			
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km			
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)			

Product Size: 320*160*18 mm,
Pixel Pitch (mm): P3, P4, P5, P6, P6.67, P8, P10
Product Type: Fine OFD-Series, Environment: Outdoor

Description: FineLED outdoor LED display series is specifically designed for outdoor fixed and rental installations, which is a better visualization solution in branding, advertising, performances, and related projects and applications. Our outdoor LED screen series is built with high performance and reliability by building on our experience with high-end LED technology. Outdoor LED display series is IP65/IP67* rating waterproof and dustproof to suit outdoor environments, high brightness to guarantee the contents can be clearly watched in sunlight.

Outdoor LED display series are used for outdoor advertising LED billboards, advertising brand signages, fashion shows, rental events, shopping malls, stations, airports, stadiums, outdoor touring & performances and other outdoor events.

Technical Parameter								
Pixel Pitch (mm)	P3	P3	P4	P5	P6	P6.67	P8	P10
Module Size (mm*mm)	320*160*18.8	192*192	320*160*18.8	320*160*18.8	192*192	320*160*18.8	320*160*18.8	320*160*18.8
Led Lamp Configuration	SMD1616	SMD1820	SMD21921	SMD 2727	SMD2727	SMD 3535	SMD 3535	SMD 3535
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Pixel Density (dots/m2)	105625	111111	62500	40000	27777	22478	15625	10000
Module resolution (dots)	104*52	64*64	50*40	64*32	32*32	48*32	40*20	32*16
Scan Mode	1/13 S	1/16 S	1/10 S	1/8 S	1/8 S	1/8 S	1/5 S	1/2 S
Brightness (CD/m2)	≥5500	≥5500	≥6000	≥5500	≥5500	≥5500	5000-6000	5000-6500
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	400/800	600/1200	400/800	400/800	400/800	400/800	400/800	400/800
Best Viewing Distance(m)	3-20	3-20	4-30	5-50	6-50	6-50	8-100	10-120
Cabinet Size(mm)	960*960	576*576	960*960	960*960	960*960	960*960	960*960	960*960
Cabinet Resolution(dots)	312*312	150*150	240*240	192*192	152*152	144*144	120*120	96*96
Cabinet Weight	28-30kg	10-12kg	28-30kg	28-30kg	28-30kg	28-30kg	28-30kg	28-30kg
Cabinet Material	Iron/Die-cast Aluminium							
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	Front IP65/IP67; Back IP54							
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%							
Maintenance Mode	Front / Back							
Operating Temperature	−30℃~+60℃; 10%~95%RH							
Controller System	Novastar/ Colorlight/ Huidu/ Linsn							
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.							
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km							
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)							

Product Size: 250*250 mm
Pixel Pitch (mm): P2.9/P3.91 Indoor, P3.91/P4.81 Outdoor
Product Type: Fine IORD-Series, Environment: Outdoor

Description: Enhance your events and engage your customers with our amazing LED screen solutions for exhibitions, conference & events, gaming tournament etc. We offer stunning visual displays and refreshing ways to create engaging experiences using our Indoor and Outdoor rental LED screens. We provide hire, faster installation, technical support, minimal wiring, and specialist staffing services to help you deliver unforgettable experiences and events.

Our rental display screens provide video processing platform, mechanical design, and front access capability with high quality 16-bit colour processing depth, 65536 grey level, 5000:1 contrast ratio, 281 trillion colours and more than 3840Hz refresh rate.

Product Specification

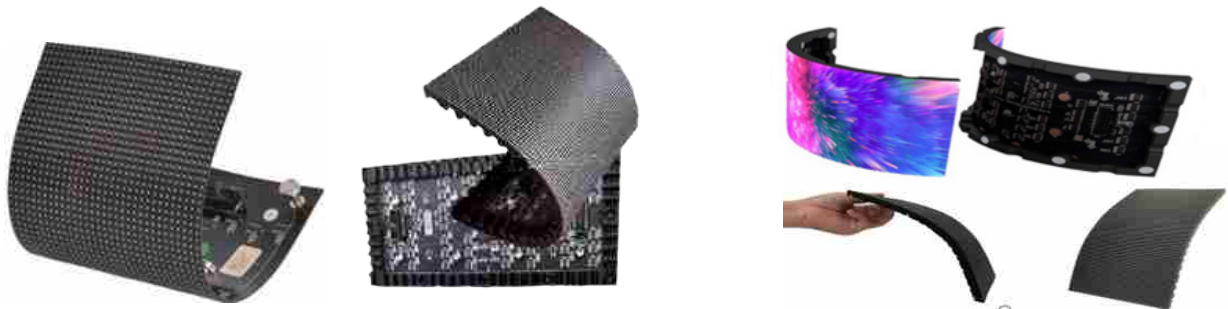| Technical Parameter				
Pixel Pitch (mm)	P2.91 Indoor	P3.91 Indoor	P3.91 Outdoor	P4.81 Outdoor
Module Size (mm*mm)	250*250	250*250	250*250	250*250
Led Lamp Configuration	SMD 2020	SMD 1921	SMD1921	SMD2727
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	84*84	64*64	64*64	52*52
Pixel Density (dots/m2)	112910	65536	65536	43264
Scan Mode	1/20 S	1/16 S	1/16 S	1/13 S
Brightness (CD/m2)	1000-1200	800-1000	≥5500	≥6000
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	600/1200	400/800	400/800	400/800
Best Viewing Distance(m)	3-20	4-30	4-30	5-50
Cabinet Size(mm)	500*500			
Cabinet Weight	10-12kg	10-12kg	28-30kg	28-30kg
Cabinet Material	Die-cast aluminium			
Cabinet Resolution(dots)	172*172	128*128	128*128	104*104
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	IP43	IP45	IP65	IP65
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%			
Maintenance Mode	Front / Back			
Operating Temperature	−30℃~+60℃; 10%~95%RH			
Controller System	Novastar/ Colorlight/ Huidu/ Linsn			
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.			
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km			

Product Size: 250*250 mm
Pixel Pitch (mm): P2, P2.5, P3, P4, P5, P6, P8, P10
Product Type: Fine FLEX - Series, Environment: Indoor/Outdoor

Description: FineLED indoor and outdoor flexible LED screen series is a kind of unique LED display increasingly in demand recent years. The special mechanical design of these modules offers faster installation, reduced customisation and easy maintenance that ideally suits LED billboards, advertising brand signages, fashion shows, rental events, shopping malls, stations, airports, stadiums, outdoor touring & performances, and other outdoor/indoor events.

The flexible LED display series is of 2 different types, the curved LED video wall is set by +/-15° angle adjustment panel lock and the soft LED display module is set freely flexible. The inward, outward, and S shape curving can be easily set up by using our flexible LED screen wall display products

Technical Parameter - Indoor

Pixel Pitch (mm)	P2	P2.5		P3	P4
Module Size (mm*mm)	256*128	320*160		192*192	256*128
Led Lamp Configuration	SMD 1515	SMD2121		SMD2121	SMD2121
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color		1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	160*80	128*64		190*96	172*86
Pixel Density (dots/m2)	250,000	160,000		65,536	62,500
Scan Mode	1/32 S	1/32 S		1/32 S	1/16 S
Brightness (CD/m2)	≥1100	≥1100		≥1100	≥1100
Refresh Rate (Hz)	1920/3840	1920/3840		1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	600/300	600/300		600/300	600/300
Best Viewing Distance(m)	2-5	3-10		3-15	4-15
Module Weight (Kg)	0.36	0.36		0.36	0.36
Viewing Angel	H: 130°/V: 140°	H: 130°/V: 140°		H: 130°/V: 140°	H: 130°/V: 140°
IP Grade	IP43	IP43		IP43	IP43
Lifespan	100,000 hours	100,000 hours		100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%				
Maintenance Mode	Front / Back				
Operating Temperature	−30℃~+60℃; 10%~75%RH				
Controller System	Novastar/ Colorlight/ Huidu/ Linsn				
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, Composition, etc.				
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km				
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)				

Technical Parameter - Outdoor

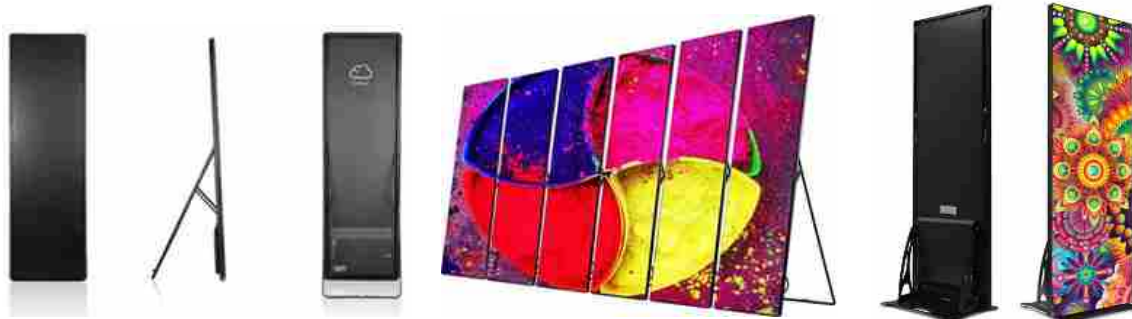| Pixel Pitch (mm)	P2.5	P3.076	P4	P5	P6.67	P8	P10
Module Size (mm*mm)	320*160*12	320*160*12	320*160*12	320*160*12	320*160*12	320*160*12	320*160*12
Led Lamp Configuration	SMD 1415	SMD 1415	SMD 1921	SMD 2525	SMD 3535	SMD 3535	SMD 3535
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	128*64	104*52	80*40	64*32	48*24	40*20	32*16
Pixel Density (dots/m2)	160000	105688	62500	40000	22478	15625	10000
Scan Mode	1/16	1/13	1/10	1/8	1/6	1/4	1/2
Brightness (CD/m2)	≥5500	≥6500	≥6000	≥5500	≥5500	≥5500	≥6500
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	850/280	850/280	800/270	800/270	800/270	800/270	1000/330
Best Viewing Distance(m)	3-10	3-20	4-30	5-50	6-50	6-50	8-100
Module Weight (Kg)	0.36	0.36	0.36	0.34	0.34	0.34	0.33
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	Front IP65; Back IP54						
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Working Voltage	AC 220 V/110 V±10%						
Maintenance Mode	Front / Back						
Operating Temperature	−30℃~+60℃; 10%~95%RH						
Controller System	Novastar/ Colorlight/ Huidu/ Linsn						
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.						
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km						
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)						

LED BANNER DISPLAY

Product Size: Various
Pixel Pitch (mm): P0.9, P1.25, P1.55, P1.667, P1.86, P2.0
Product Type: Fine BAN-Series, Environment: Indoor

Description: FineLED Banners are Easy to use for eye-catching quality communication. Our best of the brand LED technology is adapted to the point of sale with a single-sided 1m² 2.5 pitch LED screen for indoor usage. Outdoor LED Banner Display is enclosed in an aluminium & light-proof cabinet size and comes with excellent display effect, IP Rating of IP65, fast installation and reliable.

Suitable for use in shopping arcades, malls, POS check out areas and window displays, tourist offices and other public venues, for advertising and informative purposes, Taxis and Football events. Display content on your Digital Banner can be controlled using USB memory stick, connecting HDMI cable to your devices, or using Wi-Fi from your devices.

Technical Parameter – LED Standing Display			
Pixel Pitch (mm)	P2	P2.5	P3
Module Size (mm*mm)	512*1920	640*1920	576*1920
Led Lamp Configuration	SMD1515	SMD2121	SMD2121
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	160*80	128*64	190*96
Pixel Density (dots/m2)	250000	160000	111111
Scan Mode	1/32 S	1/32 S	1/32 S
Brightness (CD/m2)	≥1100	≥1100	≥1100
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	850/280	850/280	850/280
Best Viewing Distance(m)	2-10	3-15	3-20
Module Weight (Kg)	0.36	0.36	0.36
Viewing Angel	H: 110°/V: 90°	H: 110°/V: 90°	H: 110°/V: 90°
IP Grade	IP43	IP43	IP43
Lifespan	100,000 hours	100,000 hours	100,000 hours
Frame Rate (Hz/s)	60		
Working Voltage	AC 220 V/110 V±10%		
Maintenance Mode	Front / Back		
Operating Temperature	−30℃~+60℃; 10%~95%RH		
Controller System	Novastar/ Colorlight/ Huidu/ Linsn		
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.		
Control Distance	120 m (no repeating); Wired/Wireless (Wi-Fi/4G)		
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)		

Technical Parameter – Taxi Banner

Pixel Pitch (mm)	P5
Module Size (mm*mm)	320*160
Display Size (mm)	W1010*H370*T230 (With Frame)
Led Lamp Configuration	SMD2727
Pixel Configuration	1R1G1B Full Color
Module resolution (dots)	64*32
Pixel Density (dots/m2)	40000
Brightness (CD/m2)	≥5500
Scan	1/8 S
Refresh Rate (Hz)	400-1000
Max/Avg. Power Consumption (Wm2)	550
IP Grade	IP65
Lifespan	100,000 hours
Cabinet Weight (kg)	45
Cabinet Color	Black
Cabinet Material	Aluminium with stainless steel base
Input Voltage	DC 9~36V
Output Voltage	DC 5V
Operating Temperature	−30℃~+70℃; 10%~95%RH
Controller System	Sheen Color
Control System	LEDGO
Memory	Support USB flash disk - 512MB

Technical Parameter – Football Banner					
Pixel Pitch (mm)	P6	P8	P10	P10	P16
Module Size (mm*mm)	192*192	320*160	320*160	160*160	256*256
Pixel Density (dots/m2)	27777	15625	10000	10000	3906
Brightness (CD/m2)	5500	5500	5000-5500	7000	7000
Refresh Rate (Hz)	≥1920				
Max/Avg. Power Consumption (Wm2)	800/1000				
Screen Permeability	70%				
Viewing Angel	H: 140°/V: 140°				
IP Grade	IP 65				
Lifespan	100,000 hours				
Working Voltage	AC 220 V/110 V±10%				
Operating Temperature	−30℃~+70℃; 10%~75%RH				
Controller System	Novastar/ Colorlight/ Huidu/ Linsn				
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, Composition, etc.				
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km				
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)				

Product Size: 500*1000 mm
Pixel Pitch (mm): P2.976/P3.91/P4.81 Indoor and P3.91/P4.81
Outdoor Product Type: Fine FLD-Series
Environment: Indoor/Outdoor

Description: FineLED floor screen is the perfect choice for brands or sellers to engage with their customers. Our FLD series is unique and competitively priced with advantages such as quick sensor response time, higher stability, superior reliability and with wide viewing angles to provide a truly astonishing experience for your customers. LED screen flooring is an incredible way to create an awesome feature within a whole range of environments. A whole range of pixel pitches enables the installation to show vibrant images and video with excellent viewing angles, interactive floor also enables interaction via touchpoints that can then trigger various changes in content on the LED screen itself.

Our highly durable surface can withstand up to 2.5 tons and the anti-scratch surface makes it the best choice for dance floors and other events. Highly stable platform guarantees stable performance even for long-term use and longer daily operating hours. Stable signal and backup power supply ensure safe use even in high footfall areas. With front and rear IP65 waterproof design, the FLD series can be used in a wide range of applications.

Technical Parameter

Pixel Pitch (mm)	Indoor P2.976	Indoor P3.91	Indoor P4.81	Outdoor P3.91	Outdoor P4.81
Module Size (mm*mm)	500*1000	500*1000	500*1000	500*1000	500*1000
Pixel Density (dots/m2)	112910	65536	10000	10000	3906
Brightness (CD/m2)	1100	1100	1100	5000-5500	4000-4500
Refresh Rate (Hz)	≥1920				
Max/Avg. Power Consumption (Wm2)	350/800				
Screen Permeability	70%				
Viewing Angel	H: 140°/V: 140°				
IP Grade	IP30	IP30	IP30	IP 65	IP 65
Lifespan	100,000 hours				
Working Voltage	AC 220 V/110 V±10%				
Operating Temperature	−30℃~+70℃; 10%~75%RH				
Controller System	Novastar/ Colorlight/ Huidu/ Linsn				
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, Composition, etc.				
Control Distance	120 m (no repeating); Optical fibre transmission: 500m- 10km				
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)				

Product Size: 500*125 mm
Pixel Pitch (mm): P2.6, P3.3, P3.91, P5, P7.82, P10.4, P15.64, P25
Product Type: Fine TRANS-Series
Environment: Indoor/Outdoor

Description: FineLED TRANS Series offers various types of transparent high-definition LED technology in a series of flex curve modules, flex curtain modules and portico modules. The TRANS Series are easy and quick to install, lightweight design means this series is suited to many different applications both indoor and outdoor. The LED flex curtain series is an astonishingly light and flexible LED curtain that can be used both indoors and outdoors for both fixed and rental applications. The LED curtain can be rolled up or down, curved in different directions, or hung and is available in many different sizes to suit your application.

Our outdoor LED cabinets are IP66 fully waterproof on front & rear of display and suitable for installation on to buildings and office. The key benefits of TRANS Series are that it allows natural light to enter buildings when mounted onto windows and is architecturally considerate towards the outside of the structure. TRANS design allows for wind to travel through the display, thus reducing the chance of windshear and enabling installation into locations which were impossible. Due to the transparency of up to 70% the overall weight is also considerably reduced. Our special design means there is no need for air conditioning and display operates well in extreme weather conditions, waterproof, dust proof and wind/sand resistant, UV protection system and enhanced heat dissipation, easy installation using the supplied fixing panels, just screw to building surface and then fix cabinets, no expensive steel structures required due to lower wind resistance.
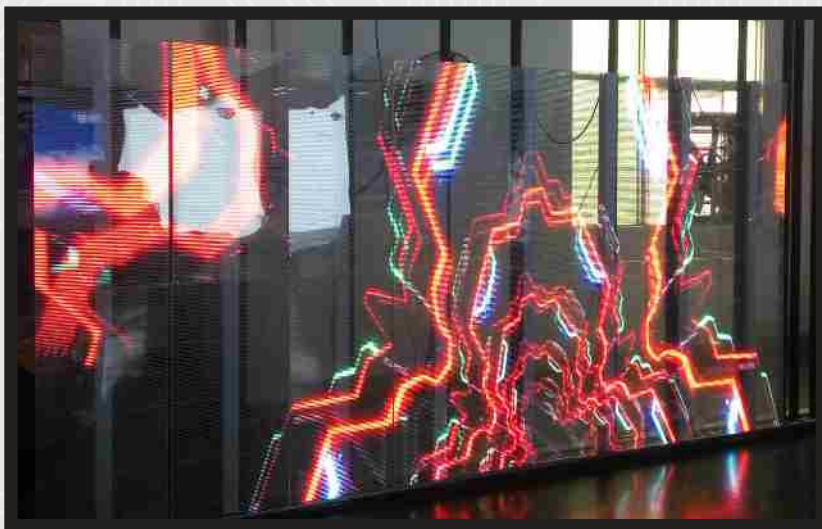
Technical Parameter - Indoor					
Pixel Pitch (mm)	P2.6	P3.3	P3.9	P7.8	P10.4
Module Size (mm*mm)	500*125	500*126	500*127	500*128	500*129
Led Lamp Configuration	SMD1921	SMD1922	SMD1923	SMD1924	SMD1925
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	192*24	152*20	126*16	64*16	48*12
Transparency	≥45%	≥50%	≥60%	≥60%	≥70%
Scan Mode	1/12 S	1/8 S	1/7 S	1/4 S	1/3 S
Pixel Density (dots/m2)	73728	48640	32256	16384	9216
Brightness (CD/m2)	4500	4500-5000	4500-5000	4500-5000	4500-5000
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	800/270	800/270	800/270	800/270	800/270
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	IP30	IP30	IP30	IP30	IP30
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Cabinet Weight (kg)	4	4	5	5	5
Working Voltage	AC 220 V/110 V±10%				
Maintenance Mode	Front / Back				
Operating Temperature	−30℃~+70℃; 10%~75%RH				
Controller System	Novastar/ Colorlight/ Huidu/ Linsn				
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.				
Control Distance	120 m (no repeating); Wired/Wireless (Wi-Fi/4G)				
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)				

Technical Parameter - Outdoor						
Pixel Pitch (mm)	P3.91	P5	P7.82	P10.4	P15.64	P25
Module Size (mm*mm)	1000*500	1000*500	1000*500	1000*500	1000*500	1000*500
Led Lamp Configuration	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921
Pixel Configuration	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color	1R1G1B Full Color
Module resolution (dots)	152*20		64*16	48*12		
Pixel Density (dots/m2)	32768	51200	16384	9216	4096	1600
Brightness (CD/m2)	4500-5000	4500-5000	4500-5000	4500-5000	4500-5000	4500-5000
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840	1920/3840
Max/Avg. Power Consumption (Wm2)	600/300	600/300	600/300	600/300	600/300	600/300
Viewing Angel	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°	H: 140°/V: 140°
IP Grade	Front IP65; Back IP54					
Lifespan	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Cabinet Weight (kg)	20					
Working Voltage	AC 220 V/110 V±10%					
Maintenance Mode	Front / Back					
Operating Temperature	−30℃~+70℃; 10%~75%RH					
Controller System	Novastar/ Colorlight/ Huidu/ Linsn					
Signal Input	HDMI, DVI, VGA, RF, S-Video, RGB, RGBHV, YUV, YC & Composition, etc.					
Control Distance	120 m (no repeating); Wired/Wireless (Wi-Fi/4G)					
Systems Operating Platform	Windows (WIN2000/ WINXP/ WIN7/ WIN8/ WIN10/WIN 10 PRO)					

Product Size: 32", 43", 49", 55", 65", 75"
Resolution: 1920×1080 HD or 3840×2160 UHD
Product Type: Fine DIGIK-Series
Environment: Indoor

Description: Our high-definition touch screen comes with infrared 10 points touch or capacitive 10 points touch and is very much responsive, smooth, and sensitive, enjoy a light touch experience. It comes with a resolution of 1920×1080 HD or 3840×2160 UHD and presents exquisite image with high resolution and can run Android or Windows operating systems.

| HIGH BRIGHTNESS SCREEN
| TOUCH SCREEN
| CAMERA
| MICROPHONE
| SPEAKERS
| FITNESS SOFTWARE
| ANDROID(1+8G)
| WOODEN CASE PACKING

Product Specification

LCD Panel						
Panel size	32"	43"	49"	55"	65"	75"
Display area(mm)/mode	698.4(W)×392.85(H) mm	941.184(H) × 529.416(V) mm	1073.78(H) × 604(V)mm	1209.6(H)×680.4(V) mm	1428.48(H) × 803.52(V)mm	1649.66(H) × 927.936(V)mm
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Maximum resolution	1920×1080	1920×1080	1920 ×1080	1920 ×1080	1920 ×1080	1920 ×1080
Display colour	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Pixel Pitch(mm)	0.12125×0.36375 mm	0.4902×0.4902 (H×V)				
Brightness (nits)	700 cd/m²	700 cd/m²	400cd/m²	400cd/m²	400cd/m²	400cd/m²
Contrast	1100:1	1200:1	1200:1	1200:1	1200:1	1200:1
Visual angle	89/89/89/89 (Min.) (CR≥10)	89/89/89/89 (Min.) (CR≥10)	89/89/89/89 (Min.) (CR≥10)	89/89/89/89 (Min.) (CR≥10)	89/89/89/89 (Min.) (CR≥10)	89/89/89/89 (Min.) (CR≥10)
Response time	12ms	12ms	8ms	8ms	8ms	8ms
Life(hrs)	>50,000(hrs)	>50,000(hrs)	≥60000	≥60000	≥60000	≥60000
Touch Screen						
Touch Panel	Capacitive touch screen					
Positioning accuracy	±2mms					
Transmittance	≥92%					
Hardness	7H					
Response time	≤8ms					
Output Resolution	4096X4096					
Lifespan	Single point more than 600 million time					
Main board						
Main chipset	RK3288, up to 1.8G					
CPU	Android 7.1/Android 8.1					
Memory	2G DDR3, EMMC8G					
Support video format:	MPEG2, AVI, MP4, DIV, TS, TP, TRP, MKV, MOV, DAT, ASF, WMV					
Support pic format:	JPEG, PNG (resolution up to 1920*1080)					
Support audio format:	MP3, MP2, WMA, WAV					
Network	Support LAN/WIFI/ (4G for optional)					
Camera						
Pixel	500W					
Array Size	2592*1944					
Pixel Size	2.0µm x 2.0µm					
Max Dynamic range	30DB					
Maximum Image Transfer	60FPS 1080P					
Support the compression	MJPEG/YUV					
Power						
Power supply	AC100V~240V,50/60Hz					
Maximum power consumption	≦150W		≤90W	≤140W	≤150W	≤160W
Standby power	≦3W					
Others						
Speaker	8Ω/5W × 2					
Material	Metal Case + mirror Glass	Metal Case + mirror Glass	Metal shell+Tempered glass	Metal shell+Tempered glass	Metal shell+Tempered glass	Metal shell+Tempered glass
Measurement	180*18*71cm	180*18*71cm	Customized base on QTY			
Installing	Floor standing					
Working Temperature	0℃~50℃/20%~80%					
Storage Temperature	-10℃~60℃/5%~95%					
Accessories	power cable 1.8M, keys					
Unit Packing size (mm)	180*18*71cm	180*18*71cm	Customized wooden case base on QTY			
Unit Packing Weight (G.W)	25KG	35KG	Customized base on QTY			
Colour	Black/white/customized					

3D DISPLAY SOLUTION

Description

FineLED provides a glasses-free 3D display solution including LED walls and 3D broadcasting content customization. With years of LED display experience, we can provide curved surface display technology, which contributes to perfect carriers for 3D delivery without glasses. Along with our partners and suppliers, we have built up a professional team for 3D video customization.

FineLED provides a one-stop professional glasses-free 3D display solution including LED walls and 3D broadcasting content customization. With years of LED display experience, FineLED has patented seamless curved surface display technology, which contributes to perfect carriers for 3D delivery without glasses, and meanwhile built up a professional team for 3D video customization.

FEATURES

PROFESSIONAL 3D DESIGN
Best proportion formula of glasses-free 3D screen to present optimal visual illusion of 3D effect.

PROFESSIONAL LED DISPLAY
Seamless curved LED corner, ultra-high contrast light-absorbing mask, fully waterproof cabinet, all is to facilitate stunning 3D rendering.

PROFESSIONAL ENCRYPTED BROADCASTING
Secrecy system with multi-encryption of content storage & transmission and multi-audit of broadcasting permission eliminates the risk of content mis transmission.

PROFESSIONAL VISUAL EFFECT
Color accuracy dynamic technology, ultra-high refresh rate and grayscale, and more contribute to realistic display effect.

A meeting room is needed in any organization and a conference display device is important for work efficiency as it collects over 60% perceived information. Based on the most advanced HD technology, FineLED meeting room display solution has provided a smooth "transmission-execution-feedback" commanding process to facilitate a highly efficient meeting. According to the statistics, there are approximately 100 million conference rooms across the world and the undersize of a single LCD means that the fine pixel pitch LED display has a huge incremental market.

DESIGN AND BRIGHTNESS

Ultra-thin unit modular design, saving a lot of space compared with DLP and projectors. High consistence and uniformity of colour and brightness, "point-to-point" calibration. The brightness of the whole screen is adjustable to fit in various indoor display environments.

MULTI-WINDOW DISPLAY

Single-screen mirroring, multi-window interaction or multi-screen display meets flexible switching on-screen display of video, graphics, images, wireless projection content, etc.

MULTI-ROLE OPERATION

The meeting host and participants can realize different functions such as multi-screen writing, annotation, underlining and voting, as well as comparative analysis of multiple charts, reports and files when in group discussions.

MULTI-FUNCTION APPLICATION

Multi-party remote video conferencing, whiteboard writing, meeting minutes recording & sharing, intelligent conference central control, and extensible applications can meet more needs from users.

MULTI-TERMINAL CONTROL

Intelligent touch podium, tablet PC, wall-mounting touch screen can interconnect the meeting room with linkage control. Click and quickly start the pre-set conference scene.

VIEWING ANGLE

Wide viewing angle, available to a horizontal 170°/vertical 160° display. Allow wide-scope adjustment of colour temperature to meet the requirements of different applications. Efficient heat dissipation, no cooling fan required, zero noise, providing a perfect meeting environment for end users

Description

LED display being applied to create immersive and dynamic backgrounds, the LED virtual studio integrates high-configuration LED walls, camera tracking system and real-time rendering technology, and applies advanced technologies like motion capture, AR & VR, to complete virtual production without chroma-keying and costly post-production.

Features

LED display being applied to create immersive and dynamic backgrounds, the application of LED screens for virtual production and filming is now a new trend in post pandemic era. The LED virtual studio integrates high-configuration LED walls, camera tracking system and real-time rendering technology, and applies advanced technologies like motion capture, XR (extended reality, includes augmented reality, mixed reality, and virtual reality, which are AR, MR and VR in short respectively) to complete virtual production without chroma keying and costly post-production.

A massive LED video wall can deliver dynamic digital sets that replace traditional greenscreens. To achieve more immersive settings, a LED ceiling and LED floor can be further assembled with great flexibility. Meanwhile, the light coming from the LEDs provide realistic colours and reflections on the figures and props, generating a more natural environment with great imagination for actors. Through the lens, a full picture can be presented to creative directors and Director of Photography as well to discuss real-time adjustments on location before shooting.

Virtual graphics can be rendered and presented onto the LED displays. With the camera swinging around and angles changing, the LED background can be shifted precisely in the same way, which simply can't achieve with green screens. This allows the motion-tracked cameras to apply traditional cinematography techniques within the virtual settings. Combined with on-site props and environmental simulated auxiliaries like lighting to create a strong sense of reality, cinematic movements with parallax effect can be achieved that the actor or object in the foreground moves at a different speed than the LED background behind, amplifying the illusion of filming at the specific location.

HIGHER FLEXIBILITY

No need for complicated and expensive set designs. LED display can be spliced into different shapes to meet the shooting needs. Virtual production background can be changed without limitation to save the cost of set transfer and long-time post-production.

UNLIMITED CREATIVITY

Boundless creativity can be generated and presented on the LED walls. By interfacing with the camera, LED walls can be virtually extended into a full virtual world even under a single environment.

REALISTIC RESTORATION

7680Hz extreme high refresh rate, 16bit+ grayscale, 1500nit brightness, accurate colour restoration and no colour cast from different angles add value to LED screens to restore a realistic filming background without colour spill brought from green-screen production mission.
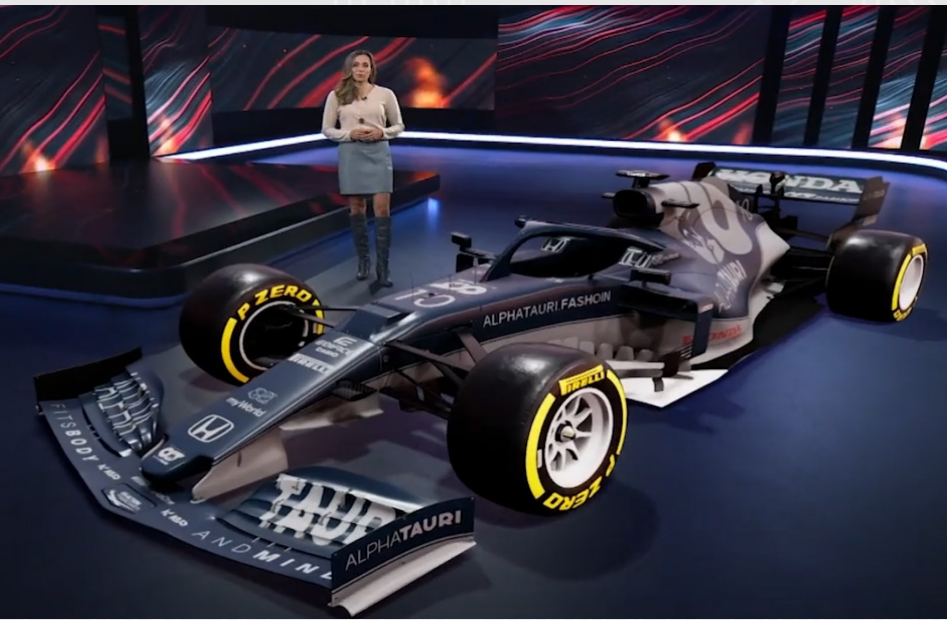
STRONG COMPATIBILITY

Virtual environment is being generated on the server in real time. Tweaking is allowed on location to perfect the produced content. The shorten workflows streamline the post-production process and ease budget and time pressure.

REAL-TIME PRODUCTION

LED display provides high compatibility & interoperability with the real-time rendering engines, media servers and platforms and tracking equipment.

IMMERSIVE PERFORMANCE

Dynamic digital background is no doubt providing a more immersive environment to actors and actresses on set to perfect their performance than traditional green or blue screens.

350W Waterproof Beam Moving Head Light

Model No: RS-350W
Specifications :
Light system: YODN 17R
Color System: Color Wheel: 14 + 1, rainbow effect
System design: design: 17 + 1 fixed pattern white
Focus System: Electric Focus
Linear dimming curve: 0% -100% linear dimming
Prism system: eight prism, rotating, macro function
Display: LCD display accommodate different mounting positions
Cooling system:
Using CFD software analysis and calculation of heat flow fixtures,
low-noise cooling system design,
Fan drive performance, low noise.
Channel DMX: 16CHS
Waterproof grade: IP 55
Dimensions: 570*470*950(length × width × height, head straight up)
Weight: 35kg

200w Beam Moving head light

Model No: RS-200W
Specifications :
Voltage : 200W~240V/50-60Hz (100~120V/ 50-60Hz selective)
Ballast : Magnetic-ballast
Lamp : PHIPS 5R lamp AC 150/190W
Color temperature : 8500K
Average Lifespan: 2000H
Color : 14 color + blank color wheel
Gobo : 17 fixed gobo + blank gobo
Prism : rotation 8-face prism, Bilateral rotation .
Lens : high precision optical lens
Wash effect : adjustable Wash effects angle
Focus: linear adjustment
Dimmer : 0-100% linear adjustment
Pan/Tilt : X axis 540° Y axis 250°automatically accurate positioning
Beam angle : parallel beam angel   0 – 3.8°
Strobe : Double lens strobe (0.5-9 times/ second)
Control mode : Standard DMX512, Automatic and Master/ slave mode
Channel : 16 CHS
Controller can open the lamp and reset, including delaying function
Weight : 18.5KG

350w Beam Moving Head Light

Model No: RS-B350W
Specifications :
Voltage:AC100-240V 50/60HZ
Lamp power:yodn 16r 330w/17r 350w lamp
Power consumption:600W/650W
Fuse:10A
Channel:20CH/16CH
Color:13 colors plus white
Gobo:13 gobos plus white
Strobe:0-10times/sec,speed adjustable
Pan:540 degrees
Tilt:270 degrees
Display board:LCD,language Chinese and English
Protection grade:IP20,overheat protection
Prism:2pcs of 24 facet prism with overlay function(other prism can be selected)

260w Spot Moving head light

Model No: RS-260W
Specifications :
Input power: AC100V – 240V
Frequency: 50/60HZ
Power consumption: 350W
Fuse: 7A
Bulb: 200W Philips /230W Osram lamp
Lifespan: 2,000 hours
Color temperature: 8000k
Color wheel: 14 colors+open
Static Gobo: 15 gobos +open
Rotation Gobo: 7 gobos +open
Beam angle: 3.8°
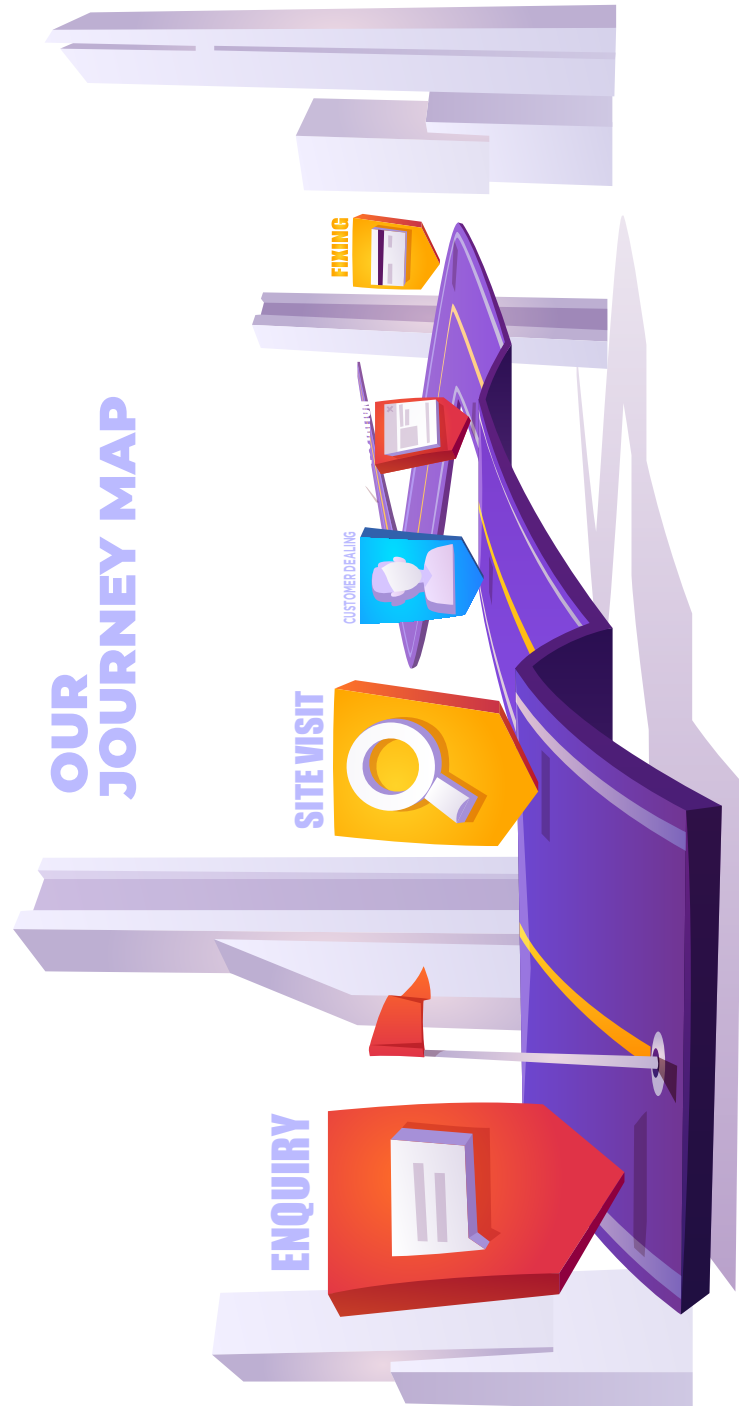Prism: 9 and 24 facet prism

SERVICES

LED SCREENS

Design World team provides customers access to highly skilled engineers across UAE who are experts in digital screen installations. Our teams combined experience provides us with well-roun ded , joined-up network knowledge. Our high-quality brand FineLED Digital signs and kiosks are some of the most efficient and effective ways to display and communicate messages to your target audience.

We are specialist in installing projectors and LED screen installations along with LED and LCD touch screen installations. With this comprehensive understanding, Design World members provide installation services for a range of products, from outdoor and public spaces to indoor locations including conference rooms, office receptions, shop frontage etc.

Choosing Design World for your outdoor and indoor advertising installation provides several benefits. As a full-service advertising team, Design World provides end-to-end service via our other offices and partners across middle east. Many of our partners have multiple locations in their respective countries, delivering additional convenience and flexibility, all of which provides cost saving opportunities for our customers against their existing supply chain solutions.

Our digital signage installation and kiosk service begins when the product arrives at our warehouse . These warehouses are also equipped with pre-staging areas, allowing our technicians to assemble products prior to delivery and installation.

OUR
JOURNEY MAP

FIXING

CUSTOMER DEALING

SITE VISIT

ENQUIRY