



**LED DISPLAY  
SYSTEMS**



# Product Catalog

- LED DISPLAY/SCREEN
- LED MOVING SIGNS
- LED MODULE
- CONTROL CARDS
- POWER SUPPLY
- ACCESSORIES





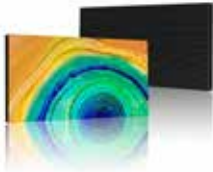
Ledajans serves its valuable customers with Led Screens, Led Poster and marquee panels, which are used in almost every sector and provide more effective advertising. Our company, which is constantly growing in its sector, is an organization that aims to offer you quality products and services at low cost, quickly, continuously and consistently.

In addition, our company aims to make the variety and quality of your products more visible, to create an active advertising concept that can be constantly updated and renewed, and to make your brand and workplace more attractive.

Welcome to our site where you can find information about our products that will help you.



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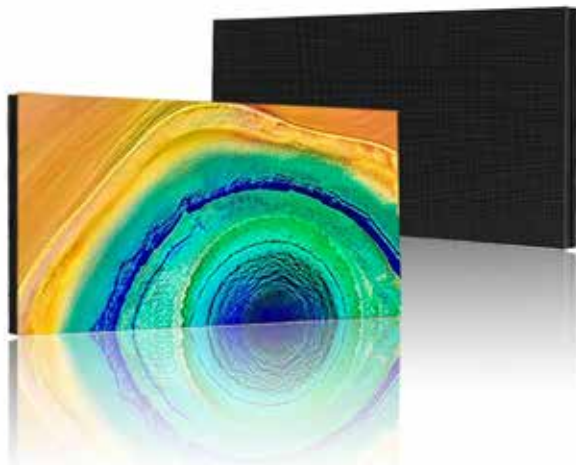
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# Indoor LED Modules



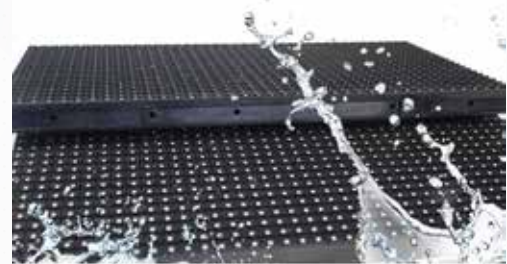
# Indoor LED Modules

Indoor LED Modules				
	1.53mm	1.86mm	2mm	2.5mm
Pixel pitch	1.53mm	1.86mm	2mm	2.5mm
Pixel Density	422500 dots/m <sup>2</sup>	288906 dots/m <sup>2</sup>	250000 dots/m <sup>2</sup>	160000 dots/m <sup>2</sup>
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED type	SMD1212	SMD1515	SMD1515	SMD2020
Module size	W320 *H160mm	W320 *H160mm	W320 *H160mm	W320 *H160mm
Module weight	498g	486g	525g	506g
Module resolution	W208*H104dots	W172*H86dots	W160*H80dots	W128*H64dots
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>
Min. Viewing Distance	≥1.53m	≥1.86m	≥2m	≥2.5m
Brightness	≥550 cd/m <sup>2</sup>	≥500 cd/m <sup>2</sup>	≥550 cd/m <sup>2</sup>	≥600 cd/m <sup>2</sup>
Viewing Angle	H≥160° V≥140°	H≥160° V≥140°	H≥170° V≥170°	H≥160° V≥140°
Driving Mode	1/52 scan	1/43 scan	1/40 scan	1/32 scan
Interface	self-defined interface 26P	HUB75	HUB75	HUB75
Input voltage	4.2-5V	5V	5V	5V
Max. Power Consumption	598 w/m <sup>2</sup>	492 w/m <sup>2</sup>	469 w/m <sup>2</sup>	422 w/m <sup>2</sup>
Avg. Power Consumption	299 w/m <sup>2</sup>	246 w/m <sup>2</sup>	235 w/m <sup>2</sup>	211 w/m <sup>2</sup>
Max. Current	6.2A	5A	5A	4.5A
Gray Level	15bits	15bits	15bits	15bits
Video frame rate	60 frames/s	60 frames/s	60 frames/s	60 frames/s
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Defective Dots Rate	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)
Decay Rate	≤5%/year	≤5%/year	≤5%/year	≤5%/year
Brightness Conformity	>95%	>95%	>95%	>95%
Colors	16384 <sup>3</sup>	16384 <sup>3</sup>	16384 <sup>3</sup>	16384 <sup>3</sup>
MTBF	≥100000 hours	≥100000 hours	≥100000 hours	≥100000 hours
Lifespan	≥100000 hours	≥100000 hours	≥100000 hours	≥100000 hours
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.
Operating Temperature	-25°C ~ +45°C	-10°C ~ +45°C	-20°C ~ +40°C	-10°C ~ +40°C
Operating Humidity	10-50% no condensation	10-80% no condensation	10-60% no condensation	10-80% no condensation
Storage Temperature	-40°C ~ +80°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C





# Outdoor LED Modules

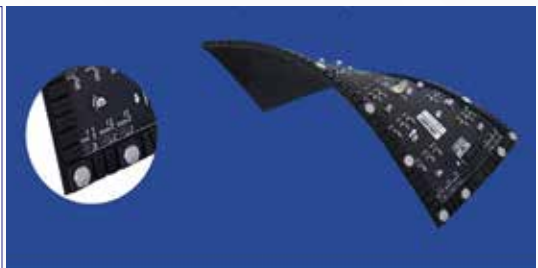
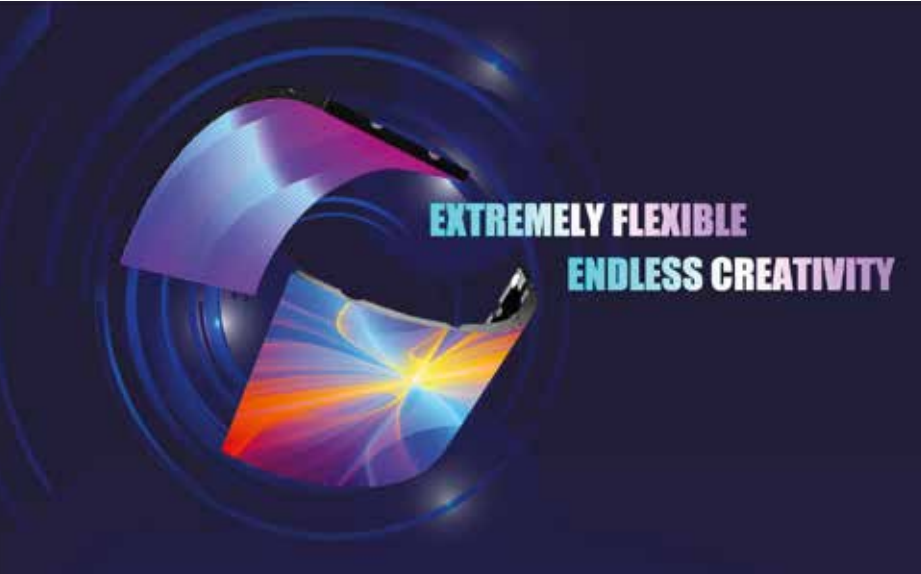


# Outdoor LED Modules

Outdoor LED Modules				
	2.5mm	3.076mm	4mm	5mm
Pixel pitch	2.5mm	3.076mm	4mm	5mm
Pixel Density	160000 dots/m <sup>2</sup>	105625 dots/m <sup>2</sup>	62500 dots/m <sup>2</sup>	40000 dots/m <sup>2</sup>
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED type	SMD1415	SMD1415	SMD1921	SMD1921
Module size	W320 *H160mm	W320 *H160mm	W320 *H160mm	W320 *H160mm
Module weight	445g	450g	434g	426g
Module resolution	W128*H64dots	W104*H52dots	W80*H40dots	W64*H32dots
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>
Min. Viewing Distance	≥2.5m	≥3m	≥4m	≥5m
Brightness	≥4500 cd/m <sup>2</sup>	≥4500 cd/m <sup>2</sup>	≥4500 cd/m <sup>2</sup>	≥4500 cd/m <sup>2</sup>
Viewing Angle	H≥160° V≥140°	H≥160° V≥140°	H≥160° V≥140°	H≥160° V≥140°
Driving Mode	1/16 scan	1/13 scan	1/10 scan	1/8 scan
Interface	HUB75	HUB75	HUB75	HUB75
Input voltage	5V	5V	5V	5V
Max. Power Consumption	684 w/m <sup>2</sup>	684 w/m <sup>2</sup>	645 w/m <sup>2</sup>	744 w/m <sup>2</sup>
Avg. Power Consumption	342 w/m <sup>2</sup>	342 w/m <sup>2</sup>	323 w/m <sup>2</sup>	372 w/m <sup>2</sup>
Max. Current	8A	7A	6.5A	7.5A
Gray Level	15bits	15bits	15bits	15bits
Video frame rate	60 frames/s	60 frames/s	60 frames/s	60 frames/s
Refresh Rate	≥3840Hz	≥3840Hz	≥1920Hz	≥1920Hz
Defective Dots Rate	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)	<0.0001 (LED industry standard: ≤ 0.0003)
Decay Rate	≤5%/year	≤5%/year	≤5%/year	≤5%/year
Brightness Conformity	>95%	>95%	>95%	>95%
Colors	32768 <sup>3</sup>	32768 <sup>3</sup>	32768 <sup>3</sup>	32768 <sup>3</sup>
MTBF	≥100000 hours	≥100000 hours	≥100000 hours	≥100000 hours
Lifespan	≥100000 hours	≥100000 hours	≥100000 hours	≥100000 hours
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.
Operating Temperature	-25°C ~ +45°C	-10°C ~ +45°C	-20°C ~ +40°C	-10°C ~ +40°C
Operating Humidity	10-50% no condensation	10-80% no condensation	10-60% no condensation	10-80% no condensation
Storage Temperature	-40°C ~ +80°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C



# Indoor Flexible LED Modules



Indoor Flexible LED Modules				
	1.86mm	2mm	2.5mm	3.07mm
Pixel pitch	1.86mm	2mm	2.5mm	3.07mm
Pixel Density	288906 dots/m <sup>2</sup>	250000 dots/m <sup>2</sup>	160000 dots/m <sup>2</sup>	105625 dots/m <sup>2</sup>
LED type	SMD1515	SMD1515	SMD1515	SMD1515
Module size	W320 *H160mm	W320 *H160mm	W320 *H160mm	W320 *H160mm
Module weight	290g	330g	270g	230g
Module resolution	W172*H86dots	W160*H80dots	W128*H64dots	W104*H52dots
Brightness	≥500 nits	≥500 nits	≥500 nits	≥500 nits
Viewing Angle	H≥160° V≥140°	H≥160° V≥140°	H≥160° V≥140°	H≥160° V≥140°
Driving Mode	43 scan	40 scan	32 scan	26 scan
Max. Power Consumption	492 w/m <sup>2</sup>	469 w/m <sup>2</sup>	422 w/m <sup>2</sup>	412 w/m <sup>2</sup>
Avg. Power Consumption	246 w/m <sup>2</sup>	235 w/m <sup>2</sup>	211 w/m <sup>2</sup>	206 w/m <sup>2</sup>
Operating Temperature	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C
Storage Temperature	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C





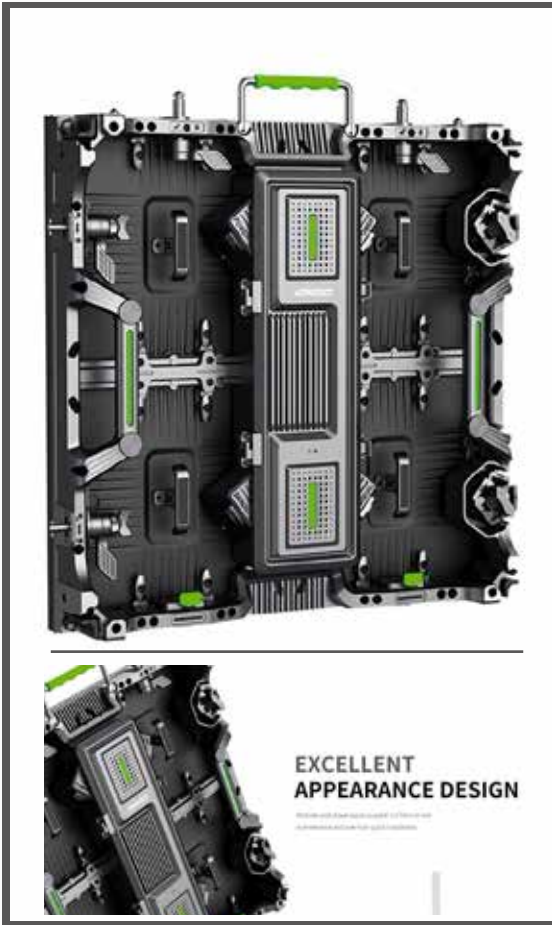
# COB Modules



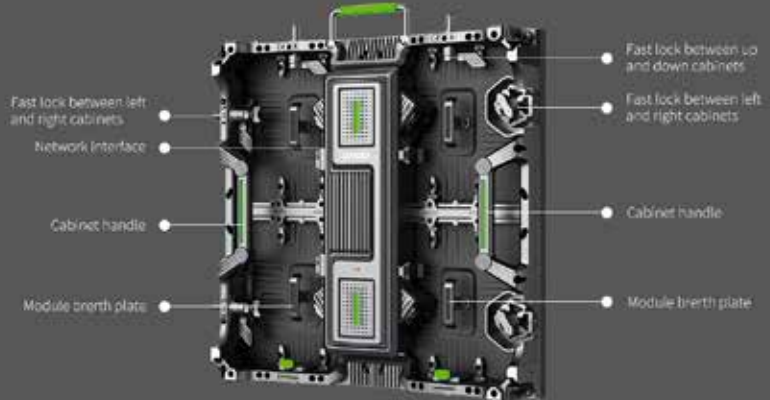
# COB Modules

COB Modules			
	0.625mm	0.93mm	1.25mm
Pixel pitch	0.625mm	0.93mm	1.25mm
Pixel Density	2560000 dots/m <sup>2</sup>	1137778 dots/m <sup>2</sup>	640000 dots/m <sup>2</sup>
Pixel configuration	1R1G1B-COB	1R1G1B-COB	1R1G1B-COB
Module size	300mm x 337.5mm	300mm x 337.5mm	300mm x 337.5mm
Module weight	1.25kg	1.25kg	1.25kg
Module resolution	480x540 dots	320x360 dots	240x270 dots
Brightness	≥700 cd/m <sup>2</sup>	≥600 cd/m <sup>2</sup>	≥600 cd/m <sup>2</sup>
Viewing Angle	H≥160° V≥160°	H≥160° V≥160°	H≥160° V≥160°
Driving Mode	1/45 scan	1/45 scan	1/45 scan
Working voltage	3.8V/2.8V	3.8V/2.8V	DC4.2V
Max. Power Consumption	632 w/m <sup>2</sup>	474 w/m <sup>2</sup>	100 w/m <sup>2</sup>
Avg. Power Consumption	315 w/m <sup>2</sup>	237 w/m <sup>2</sup>	50 w/m <sup>2</sup>
Gray Level	281 Trillion	281 Trillion	281 Trillion
Vedio frame rate	60 frames/s	60 frames/s	60 frames/s
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz
MTBF	≥100000 hours	≥100000 hours	≥100000 hours
Lifespan	≥100000 hours	≥100000 hours	≥100000 hours
Operating Humidity	10-90% no condensation	10-90% no condensation	10-90% no condensation





## PERFECT DETAILS DISPLAY



## RADIAN STITCHING



### Indoor Rental Screen

	P1.9 Indoor Led Screen	P2.6 Indoor Led Screen	P2.9 Indoor Led Screen	P3.9 Indoor Led Screen
Pixel pitch	1.953mm	2.604mm	2.976mm	3.91mm
Scan mode	1/32 scans, constant current	1/32 scans, constant current	1/28 scans, constant current	1/16 scans, constant current
Pixel density	262144 dots/m <sup>2</sup>	147456 dots/m <sup>2</sup>	112986 dots/m <sup>2</sup>	65536 dots/m <sup>2</sup>
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED type	SMD1515	SMD1515	SMD2020	SMD2020
Module size	250*250mm	250*250mm	250*250mm	250*250mm
Module resolution	128*128dots	96*96dots	84*84dots	64*64dots
Brightness	≥800cd/m <sup>2</sup>	≥700cd/m <sup>2</sup>	≥800cd/m <sup>2</sup>	≥800cd/m <sup>2</sup>
Material	Aluminum alloy	Aluminium alloy	Dicasting Magnisum alloy	Aluminum alloy
Cabinet size	500*1000*85mm	500*1000*85mm	500(W)*1000(H)*85(D)	500(W)*1000(H)*85(D)mm
Cabinet resolution	256*512dots	192*192dots	168*336dots	128*256dots
Viewing angle	H :170°±5° V :170°±5°	170°±5°	H≥170° V≥170°	H≥120° V≥120°
Cabinet weight(with all component)	Approx. 15 kg	Approx. 15±1 kg	15±1	Approx. 15 kg
Min. viewing distance	≥2.604m	≥2.604m	≥2.976m	4m
Max. power consumption	580W/m <sup>2</sup>	320 W/m <sup>2</sup>	600 W/m <sup>2</sup>	682W/m <sup>2</sup>
Avg. power consumption	290W/m <sup>2</sup>	640 W/m <sup>2</sup>	300 W/m <sup>2</sup>	341W/m <sup>2</sup>
Ingress protection	IP43	IP43	IP43	IP43
Working voltage	AC200~240V	AC200~240V	AC200~240V	AC200~240V
Interface	HUB75	HUB75	HUB75	HUB75
Colors	32768 <sup>3</sup>	Full Color	Full Color	Full Color
Grey scale	15bits (16384)	16384	16384	16384
Frame frequency	≥60frames/s	≥60frames/s	60Hz	60Hz
Refresh rate	3840Hz	3840Hz	3840Hz	3840Hz
MTBF	≥100,000 hours	≥100000 Hours	≥100000 Hours	≥100000 Hours
Lifespan	≥100,000 hours	≥100000 Hours	≥100000 Hours	≥100000 Hours
Protective function	Over-heat/Over-load /Power-down /Power-leakage/Lightning- protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
Operating temperature	-20°C ~ +40°C	-20°C ~ 40°C	-20°C ~ 40°C	-20°C ~ 40°C
Operating humidity	10%~60% no condensation	10%~60%	10%~60%	10%~60%
Storage temperature	-20°C ~ +60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Storage humidity	10%~60%	10%~60%	10%~60%	10%~60%



# Outdoor Rental Screen



# Outdoor Rental Screen

Outdoor Rental Screen

	P2.6 Outdoor Led Screen	P2.9 Outdoor Led Screen	P3.9 Outdoor Led Screen	P4.8 Outdoor Led Screen
Pixel pitch	2,604mm	2,976mm	3,91mm	4,81mm
Scan mode	1/24 scans, constant current	1/21 scans, constant current	1/16 scans, constant current	1/13 scans, constant current
Pixel density	147456 dots/m <sup>2</sup>	112896 dots/m <sup>2</sup>	65536 dots/m <sup>2</sup>	43264 dots/m <sup>2</sup>
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED type	SMD1415	SMD1415	3-in-1 SMD1921	3-in-1 SMD1921
Module size	250*250mm	250*250mm	W250 *H250mm	W250 *H250mm
Module resolution	96*96dots	84*84dots	W64*H64 dots	W52*H52 dots
Brightness	≥4500cd/m <sup>2</sup>	≥4500cd/m <sup>2</sup>	≥4000 cd/m <sup>2</sup>	≥4500 cd/m <sup>2</sup>
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cabinet size	500*1000*85mm	500*1000*85mm	500*1000*85mm	500*1000*85mm
Cabinet resolution	192*384dots	168*336dots	128:256 dots	104:208 dots
Viewing angle	H :170°±5° V :170°±5°	H: 170°±5°; V: 170°±5°	H≥170° V≥170°	H≥170° V≥170°
Cabinet weight(with all component)	Approx. 20 kg	Approx. 11±1kg	Approx. 20kgs	Approx.20kgs
Min. viewing distance	≥2.604m	≥2.976m	3.91m	4.81m
Max. power consumption	570W/m <sup>2</sup>	660 W/m <sup>2</sup>	560 w/m <sup>2</sup>	630 w/m <sup>2</sup>
Avg. power consumption	285W/m <sup>2</sup>	330 W/m <sup>2</sup>	280 w/m <sup>2</sup>	315 w/m <sup>2</sup>
Ingress protection	Rear IP65	Rear IP65	Rear IP65	Rear IP65
Working voltage	AC200~240V	AC200~240V	AC200~240V	AC200~240V
Interface	HUB75	HUB75	HUB75	HUB75
Colors	32768 <sup>3</sup>	281 trillion	32768 <sup>3</sup>	32768 <sup>3</sup>
Grey scale	15bits (16384)	16bits	15bits (16384)	15bits (32768)
Frame frequency	≥60frames/s	≥60frames/s	≥60frames/s	≥60frames/s
Refresh rate	3840Hz	3840Hz	3840Hz	3840Hz
MTBF	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Protective function	Over-heat/Over-load /Power- down /Power-leakage/Lightning-protection etc.	over-heat/over load/power-down/ power-leakage/Lighting protection,etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
Operating temperature	-20°C ~ +60°C	-20°C ~ 60°C	-20°C ~ +60°C	-20°C ~ +60°C
Operating humidity	10%-80% no condensation	10%~80%	10%-80% no condensation	10%-80% no condensation
Storage temperature	-20°C ~ +60°C	-20°C ~ 60°C	-20°C ~ +60°C	-20°C ~ +60°C
Storage humidity	10%-80%	10%~80%	10%-80%	10%-80%





## P3.9 Floor LED Screen

<b>Pixel composition</b>	SMD LED 1R, 1G, 1B
<b>Pixel pitch</b>	3.91mm
<b>Module resolution (W×H)</b>	64*64
<b>Module size (mm)</b>	250 (W×250) (H)×16 (D)
<b>Module weight</b>	2.1kg
<b>Pixel sharing technology</b>	Yes
<b>Drive method</b>	Constant current drive
<b>Frame frequency</b>	50&60 Hz
<b>Refresh @60Hz frame signal input</b>	3840 Hz
<b>Contains modules qty</b>	2(W)x2(H), 2(W)x4(H)
<b>Cabinet physical resolution</b>	128(W)×128(H), 128(W)×256(H)
<b>Cabinet size (mm)</b>	500(W)×500(H)×68(D) 500(W)×1000(H)×80(D)
<b>Floor support fitting weight</b>	2.12kg
<b>Pixel density(sqm)</b>	65536dots
<b>Protection level</b>	front IP65, back IP43
<b>Cabinet flatness</b>	≤1mm
<b>White balance brightness</b>	≥1300nits (color temperature 6500K)
<b>Color temperature</b>	3200 - 9300K adjustable
<b>Horizontal view</b>	>120°
<b>Emit point center distance tolerance</b>	<3%
<b>Brightness uniformity</b>	≥97%
<b>Chromaticity uniformity</b>	Within ±0.003Cx,Cy
<b>Max contrast</b>	6000:01:00
<b>Peak consumption</b>	800W/m <sup>2</sup>
<b>Average consumption</b>	400 W/m <sup>2</sup>
<b>Power supply</b>	AC220V (50-60Hz)
<b>Floor support size ( L x W x H )</b>	110 X 100X 70 ~ 100mm,height adjustable and customize
<b>Lifespan</b>	100000 hours
<b>Work temperature</b>	-20 - 55°C
<b>Storage temperature</b>	-30 - 60°C
<b>Humidity (RH) no condensation</b>	10 - 90%
<b>Storage temperature (RH) no condensation</b>	10 - 95%
<b>Screen thickness</b>	module+cabinet: 80mm, screen+floor support: 150 ~ 170mm adjustable
<b>Defective ratio</b>	≤4/100000
<b>Unit module splicing gap</b>	Uniformity and ≤2mm
<b>Best view distance</b>	4-12m
<b>View angle</b>	horizontal>120°
<b>Surface flatness</b>	Max tolerance≤1mm
<b>Screen surface color</b>	Uniformity 95% (white transparent or tea color)
<b>Brightness Uniformity</b>	95%
<b>Brightness</b>	≥1300CD/m <sup>2</sup>



# TRANSPARENT LED DISPLAY SERIES

**FORESEE THE FUTURE INTELLIGENTLY**



## LIGHT WEIGHT AND EASY INSTALLATION

Die-cast aluminum cabinet material, prolonged, sun-proof, convenient lifting and installation



## FOCUS ON DISPLAY NAKED EYE 3D

Simple material can achieve focused display, naked eye 3D effect, very rich in modern science and technology atmosphere



## P3.9mm~7.8mm Transparent LED Screen

Module	
Pixel pitch	3.9mm~7.8mm
Scan mode	1/8 scans, constant current
Pixel configuration	1R1G1B
LED type	SMD1921
Module size (W*H*D)	500*125*5mm
Module resolution	128*16dots
Brightness	≤4500cd/m <sup>2</sup>
Cabinet	
Material	Die-cast aluminum cabinet
Cabinet size	1000*1000*68mm
Cabinet resolution	258*128dots
Pixel Density	32768Dots/m <sup>2</sup>
Viewing angle	H: 140°±10°; V: 140°±10°
Cabinet weight(with all component)	Approx. 8.5kg/pcs
Transparency	60%
Min. viewing distance	≥4m
Max. power consumption	800 W/m <sup>2</sup>
Avg. power consumption	245W/m <sup>2</sup>
Whole screen	
Power supply	AC200-240V (47-63HZ)
Brightness uniformity	≥97%
Grey scale	16bits
Frame frequency	≥60frames/s
Refresh rate	1920Hz
Lifespan	≥100,000 hours
Protective function	over-heat/over load/power-down/ power-leakage/Lighting protection,etc.
Operating temperature	-10°C ~ 40°C
Operating humidity	10% ~ 65%
Storage temperature	-20°C ~ 60°C
Storage humidity	10% ~ 65%



E80



E120



5A-75E



E80



E120



5A-75E

	E80	E120	5A-75E
Loading capacity *1	128×1024	192×1024	256×1024
Data interface	HUB75	HUB75	HUB75
Data group	16	24	32
Color depth	8bit	8bit	8bit
Dynamic frame rate	23.976~120Hz	23.976~120Hz	23.976~120Hz
Calibration accuracy	8bit	8bit	8bit
Low latency *2	✓	✓	✓
Color temperature adjustment	✓	✓	✓
Better grayscale at low brightness	✓	✓	✓
Automatic Highlight and OSD	✓	✓	✓
Loop backup	✓	✓	✓
Irregular design	✓	✓	✓
Network cable detection	✓	✓	✓



A100



A200

OS	Android	Android
Decoding Capability	4K	4K
(L×W×H)Dimensions	234.8×137.4×26mm	234.8×137.4×26mm
Internal Storage	8G	8G
Expandable Storage	USB drive, ≤ 256G	USB drive, ≤ 256G
Gigabit Ethernet Port	2	4
Loading Capacity	1.3 million pixels, Up to 4096 pixels in width, Up to 2560 pixels in height	2.3 million pixels, Up to 4096 pixels in width, Up to 2560 pixels in height
HDMI Input	✓	✓
HDMI Output	1920×1200@60Hz	1920×1200@60Hz
Cloud Services	✓	✓
LAN	Fast Ethernet	Fast Ethernet
4G/5G	✓	✓
WiFi	✓	✓
Smart device WiFi Control	✓	✓
Synchronized Media Playback	✓	✓
External Sensor	✓	✓
Streaming Media	✓	✓



X2S



X4S



X4E



X6



X7



X16E



X20



# Colorlight- Processor



X4s

X2s

Input	1×HDMI1.4/2×DVI	1×HDMI1.4/2×DVI
Input resolution	1920×1200@60Hz	1920×1200@60Hz
HDCP	1.4	1.4
Output	4×1G Ethernet	2×1G Ethernet
Loading capacity	2.6 million pixels	1.3 million pixels
USB control	✓	✓
Video processing	Cropping, Scaling, Switching	Cropping, Scaling, Switching
Layers	1	1
Loop backup	✓	✓
Precise color temp.	✓	✓
Certification	CE FC IC RoHS	CE FC IC RoHS



X7

X6



Input	1×SDI/1×HDMI1.4/2×DVI	1×SDI/1×HDMI1.4/2×DVI
Input resolution	1920×1200@60Hz	1920×1200@60Hz
HDCP	1.4	1.4
Output	8×1G Ethernet	6×1G Ethernet
Loading capacity	5.2 million pixels	3.9 million pixels
Serial port control	✓	✓
USB control	✓	✓
Audio	✓	✓
Video processing	Cropping, Scaling, PIP, Switching	Cropping, Scaling, PIP, Switching
Layers	3	3
Loop backup	✓	✓
Precise color temp.	✓	✓
Certification	CE FC IC RoHS	CE FC IC RoHS



X20

X16E

Input	1×DP1.2/1×HDMI2.0/2×HDMI1.4/2×DVI	1×DP1.2/1×HDMI2.0/2×HDMI1.4/2×DVI
Input resolution	4096×2160@60Hz	4096×2160@60Hz
HDCP	1.4	1.4
Output	2×10G Fiber/20×1G Ethernet	16×1G Ethernet
Loading capacity	13 million pixels	10.48 million pixels
Serial port control	✓	✓
USB control	✓	✓
TCP/IP control	✓	✓
Audio	✓	✓
Video processing	Cropping, Scaling, PIP, Switching	Cropping, Scaling, PIP, Switching
Layers	6	6
Loop backup	✓	✓
Precise color temp.	✓	✓
Certification	CE FC IC RoHS	CE FC IC RoHS





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# Power Supply



YY-D-200-5

MODEL		YY-D-200-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
INPUT	HOLD UP TIME	20mS
	VOLTAGE RANGE	200V~240V
	FRE RANGE	47Hz~63Hz
	EFFICIENCY	88%
PROTECTION	INRUSH CURRENT	≤40A
	LEAKAGE CURRENT	≤2.0mA
	INPUT UNDERVOLTAGE	150V~170V
	INPUT OVER VOLTAGE	270V~280V
	INPUT OVER CURRENT	4A
	OUTPUT OVER VOLTAGE	5.75V~7.5V(Re-start)
ENVIRONMENT	OUTPUT LIMIT CURRENT	61A~70A
	OVER TEMPERATURE	105°C ±5°C
	THERMAL METHODS	Cooled by air
	WORKING TEMP.	-30°C ~ +60°C
	WORKING HUMIDITY	20~90%RH
	STORAGE TEMP.,HUMDITY	-40°C ~ +80°C,10~95%RH
	TEMP.COEFFICIENT	±0.03%/°C(0~50°C)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARDS	GB9254, EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	210*62*31mm

YY-D-300-5

MODEL		YY-D-300-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	60A
	CURRENT RANGE	0~60A
	RATED POWER	300W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
INPUT	HOLD UP TIME	20mS
	VOLTAGE RANGE	200V~240V
	FRE RANGE	47Hz~63Hz
	EFFICIENCY	86%
PROTECTION	INRUSH CURRENT	≤60A
	LEAKAGE CURRENT	≤2.0mA
	INPUT UNDERVOLTAGE	150V~170V
	INPUT OVER VOLTAGE	270V~280V
	INPUT OVER CURRENT	3A
	OUTPUT OVER VOLTAGE	5.75V~7.5V(Re-start)
ENVIRONMENT	OUTPUT LIMIT CURRENT	61A~75A
	OVER TEMPERATURE	95°C ±5 °C
	THERMAL METHODS	Cooled by fan
	WORKING TEMP.	-30 °C ~ +60 °C
	WORKING HUMIDITY	20~90%RH
	STORAGE TEMP.,HUMDITY	-40 °C ~ +80°C,10~95%RH
	TEMP.COEFFICIENT	±0.03%/°C(0~50°C)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARDS	GB9254, EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	212*85*30mm

YY-D-100-5

MODEL		YY-D-100-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	20A
	CURRENT RANGE	0~20A
	RATED POWER	100W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
INPUT	HOLD UP TIME	20mS
	VOLTAGE RANGE	176V~264V
	FRE RANGE	47Hz~63Hz
	EFFICIENCY	89%
PROTECTION	INRUSH CURRENT	≤60A
	LEAKAGE CURRENT	≤2.0mA
	INPUT UNDERVOLTAGE	150V~170V
	INPUT OVER VOLTAGE	270V~280V
	INPUT OVER CURRENT	4A
	OUTPUT OVER VOLTAGE	5.5V~5V(Re-start)
ENVIRONMENT	OUTPUT LIMIT CURRENT	22A~25A
	OVER TEMPERATURE	105°C ±5°C
	THERMAL METHODS	Cooled by air
	WORKING TEMP.	-20°C ~ +60°C
	WORKING HUMIDITY	20~90%RH
	STORAGE TEMP.,HUMDITY	-40°C ~ +80°C,10~95%RH
	TEMP.COEFFICIENT	±0.03%/°C(0~50°C)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARDS	GB9254, EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	190*81*31mm



**HD-D16**

Loading capacity: 65,536 pixels



**HD-D36**

Loading capacity: 65,536 pixels



**HD-C16C**

Loading capacity: 204,800 pixels



**HD-C36C**

Loading capacity: 524,288 pixels

	<b>D16</b>	<b>D36</b>	<b>C16C</b>	<b>C36C</b>
Internal Storage	4 GB	4 GB	4 GB	4 GB
Expandable Storage	USB	USB	USB	USB
Gigabit Ethernet Port	-	-	-	-
Loading Capacity	65536 pixel	65536 pixel	204800 pixel	524288 pixel
HDMI Input	-	-	-	-
HDMI Output	-	-	-	-
Cloud Services	✓	✓	✓	✓
LAN	Fast ethernet	Fast ethernet	Fast ethernet	Fast ethernet
4G/5G	Optional	Optional	Optional	Optional
Wifi	✓	✓	✓	✓
Smart device Wifi Control	✓	✓	✓	✓
Synchorized Media Playback	✓	✓	✓	✓
External Sensor	✓	✓	✓	✓
Streaming Media	✓	✓	✓	✓





**HD-A3L**

Loading capacity: 655,360 pixels



**HD-A4L**

Loading capacity: 655,360 pixels



**HD-A5L**

Loading capacity: 1.3 million pixels



**HD-A6L**

Loading capacity: 2.3 million pixels

	<b>A3L</b>	<b>A4L</b>	<b>A5L</b>	<b>A6L</b>
Internal Storage	16 GB	16 GB	16 GB	16 GB
Expandable Storage	USB	USB	USB	USB
Gigabit Ethernet Port	1	1	2	4
Loading Capacity	655 360 pixel	65 5360 pixel	1300 000 pixel	2300 000 pixel
HDMI Input	✓	✓	✓	✓
HDMI Output	1920x1200@60Hz	1920x1200@60Hz	1920x1200@60Hz	1920x1200@60Hz
Cloud Services	✓	✓	✓	✓
LAN	Fast ethernet	Fast ethernet	Fast ethernet	Fast ethernet
4G/5G	Optional	Optional	Optional	Optional
Wifi	✓	✓	✓	✓
Smart device Wifi Control	✓	✓	✓	✓
Synchorized Media Playback	✓	✓	✓	✓
External Sensor	✓	✓	✓	✓
Streaming Media	✓	✓	✓	✓



**HD-VP210**

Loading capacity: 1.3 million pixels



**HD-VP410**

Loading capacity: 2.6 million pixels



**HDP601**

Loading capacity: 2.6 million pixels



**HD-VP620**

Loading capacity: 3.9 million pixels



**HD-VP820**

Loading capacity: 5.2 million pixels



**HD-VP830**

Loading capacity: 5.2 million pixels

## Features

Support optional pad and mobile phone wireless projection

Parameter setting and saving function, scene preset saving and recall

"Navigation Settings" function, convenient for quick settings

The "connection setting" function no need computer control, and directly sets the connection parameters of each cabinet through the panel buttons

## Connection Diagram





# Screen LED



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DISPLAY GROUP

Colorlight

Y  
Your Power Supply

U-MOTION

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LEDABEL



# Screen LED



























Poster Led Display



Indoor Led Screen

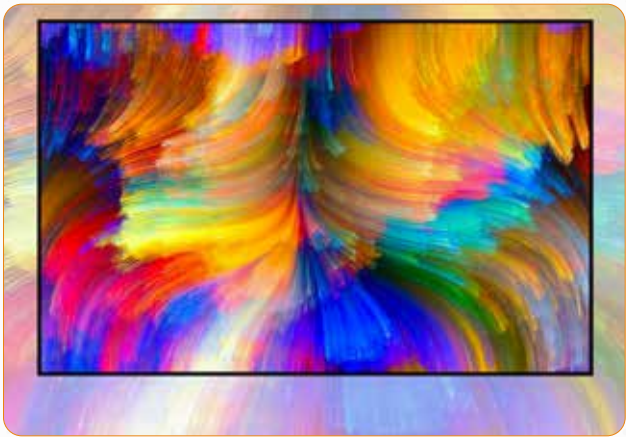


Rental Led




Poster Led Display

- LED DISPLAY/SCREEN
- LED MOVING SIGNS
- LED MODULE
- CONTROL CARDS
- POWER SUPPLY
- ACCESSORIES






 LEDAJANS

 TURKEY

 Halide Edip Adıvar Mah. Gül 2 Sk. No:10,  
Şişli/İstanbul/TR


 +90 212 220 40 04


 www.ledajans.com


 info@ledajans.com

 LEDAJANS  
UNITED KINGDOM

 UNITED KINGDOM

 4 Huskley parade, Great  
Cambridge Road N18 1HY London


 +44 7932 783 251


 www.ledajans.co.uk


 info@ledajans.co.uk

 LEDABEL  
LEDAJANS BELGIUM

 BELGIUM

 Excelsiorlaan 31, 1930 Zaventem  
Belgium


 +32 479 65 02 25


 www.ledabel.be


 info@ledabel.be

 LEDABEL  
LEDAJANS GERMANY

 GERMANY

 Genoveastrabe 38, 51065 Köln/Germany

 +49 15212401915

 www.ledabel.de

 info@ledabel.de