# LED DISPLAY PRODUCTS
CATALOGUE

ABOUT YUCHIP

SHENZHEN YUCHIP LIGHTING CO.,LTD is the leading LED display and lighting solution provider in China and has delivered the systems to more than 80 countries around the world. Many of those projects done by Yuchip have enabled the customer various benefits of the new technology and recognized as new landmark of the site.

With years production experience and thousands project installed,Yuchip is not only a products manufacture, but a solution provider! Customers just need to inform us your useage areas and desired functions,we would design and provide you a most suitable solution. We take the time to listen and ensure the customer is satisfied with the performance of products and service received from YUCHIP.

Our production strictly conforms to ISO9001:2008 control system and products compliant with CE,RoHs,FCC,UL and TUV certificates etc, plus providing customers 24-36-60 months warrantee period. With our 300 professional production staffs and management team working in 10000sqm facility area and local distributors in Italy, Poland, Malaysia,Thailand, America etc. YUCHIP aims to establish long-term cooperation relationship with customers based on high quality LED products,competitive price and timely after-sales service.
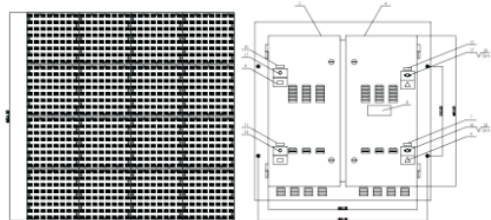
We shall always be very happy to hear from you and will carefully consider any proposals likely to lead to business between us.
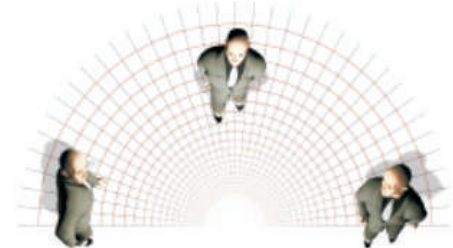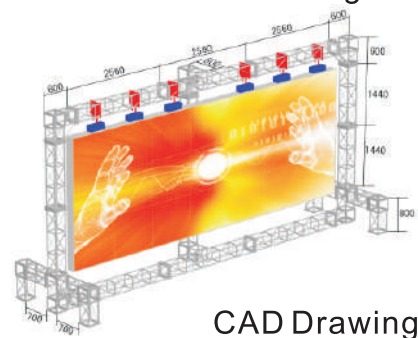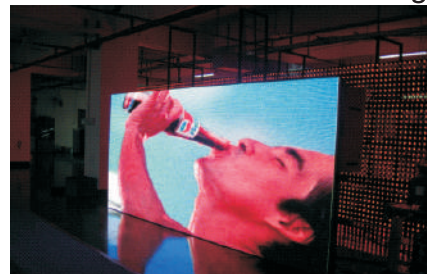
Clent Oriented
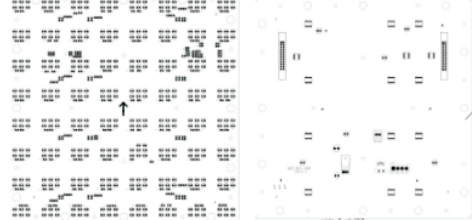
PCB Designed

Cabinet Designed

CAD Drawing

Aging Test In Workshop

Rental LED Display

CERTIFICATES WON BY YUCHIP

CONTROL SYSTEM DIAGRAM

PC

HUB

Lan/Internet

Control System

Uni-C Controller

Uni-D (Distributor)

Uni-M (Monitor)

Speakers

Video-Audio Switch

VCR

DVD/VCD

TV Tuner/Satellite Receiver

Video Camera

Uni-PSD (Power-Distributor)
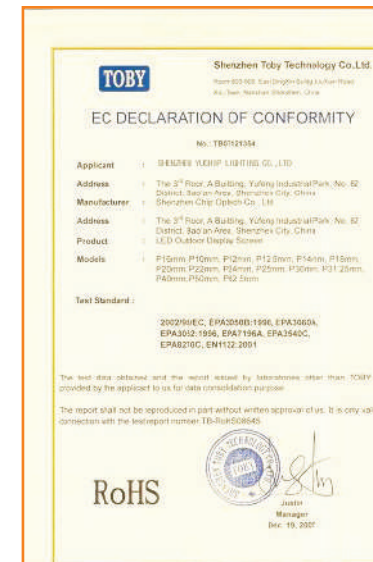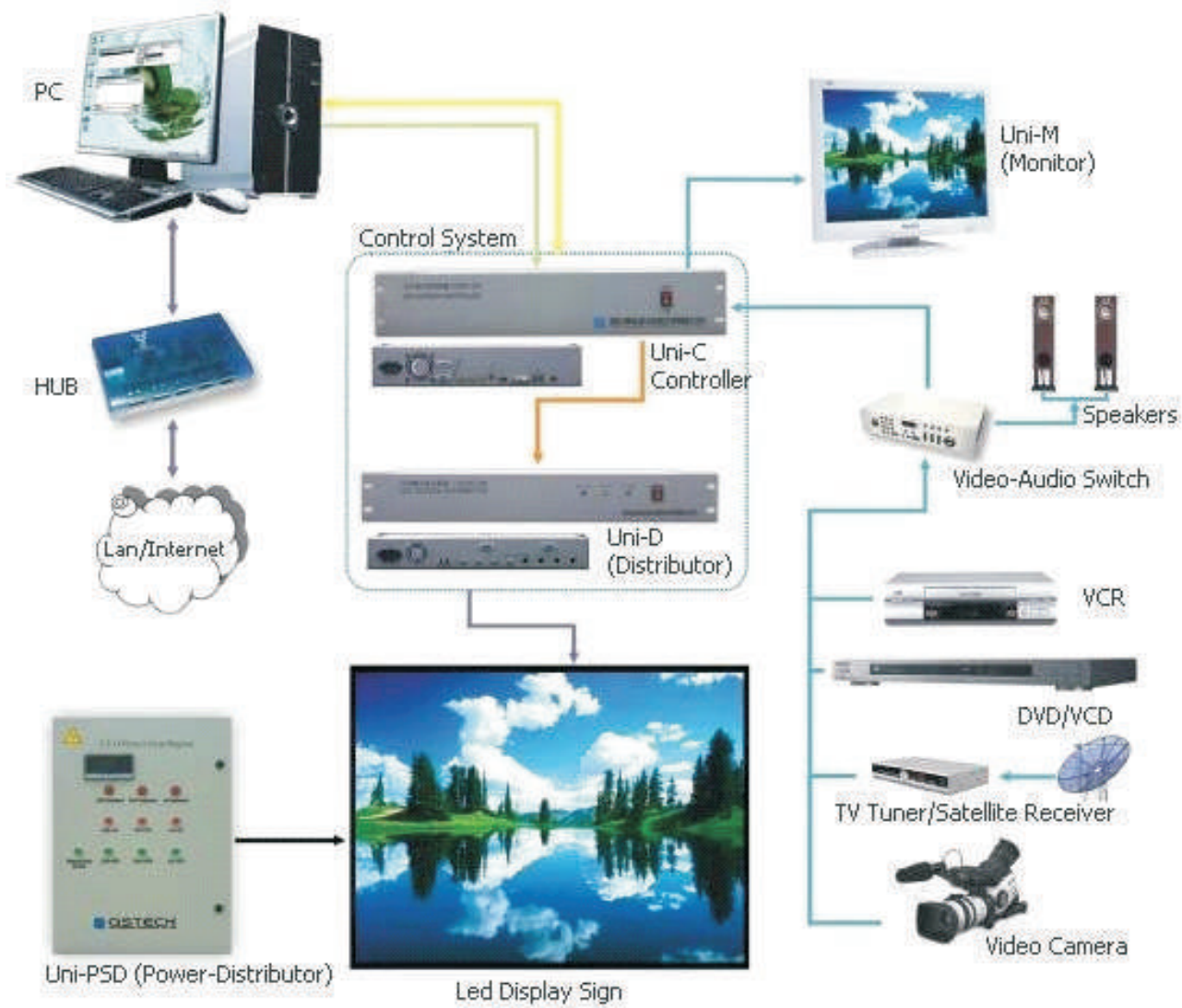
Led Display Sign

Video processor LVP605S

Fiber optic cable connection

Port for network cable to receiver card

Optic IN

Normal Signal Out (Rj45)

Optic OUT

Normal Signal IN (Rj45)

Port for network cable from Sender card
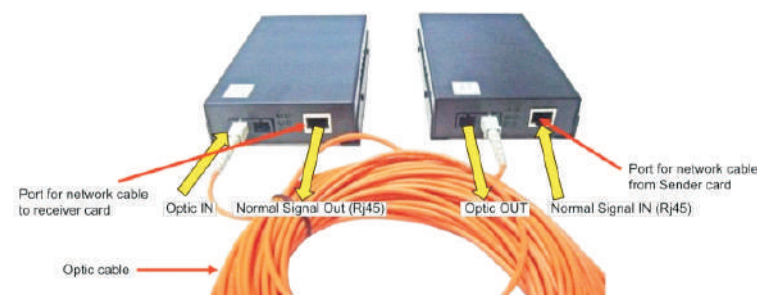
Optic cable

Video processor,fiber optic cable and LED screen connection drawing

Screen1 Screen2 Screen3 Screen4 Screen5 Screen6

Video Processor,LVP605S
Fiber Converter, Sender
Fiber Converter, Receiver
RJ 45
Multi mode Fiber cable

video mixer

Screen7
Screen8
Screen9
Screen10
Screen11
Screen12

Control room
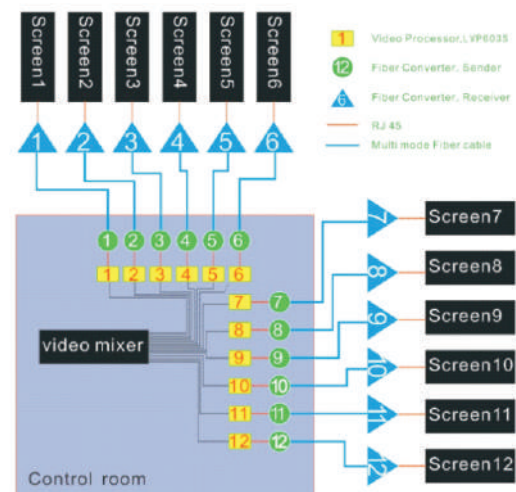
PRODUCTS SERIES

F — FIXED INSTALLATION LED DISPLAY — OF SERIES / IF SERIES

R — RENTAL LED DISPLAY — OR SERIES / IR SERIES

H — HD LED DISPLAY — HD SERIES / HD PRO SERIES

C — CURTAIN LED DISPLAY — OFC SERIES / IC SERIES / OC SERIES

P — LED POSTAIR — P SERIES

TR — TRANSPARENT LED DISPLAY — TR SERIES

TA — TAXI TOP LED DISPLAY — TA SERIES

T — TRUCK & TRAILER LED DISPLAY — OT SERIES

B — LED DISPLAY BALL — B SERIES

DL — DUAL MAINTENANCE LED DISPLAY — DL SERIES

S — STADIUM LED DISPLAY — OS SERIES

COMMERCIAL ADVERTISING LED DISPLAY OF SERIES

- IP65, waterproof and dustproof for outdoor use;
- High brightness up to 8000cd/m^{2}ensure LED display deliver a clear and vivid image and video even under direct sunshine;
- High contrast ratio to reflect more real and vivid color;
- Seamless connection due to large LED module design;
- Installed on steel pole,building roof and mounted on building etc.

Brand Raw Material

120hrs Aging test
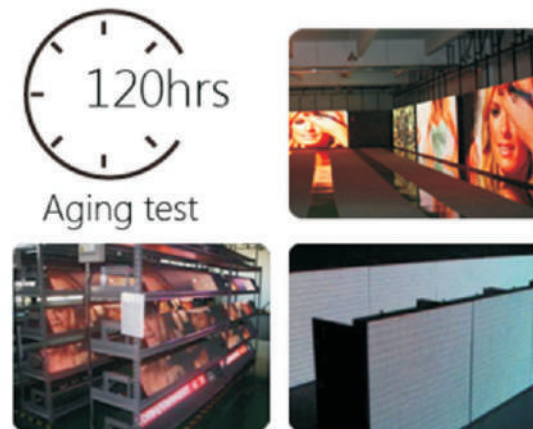
| COMMERCIAL-OF SERIES		OF-4S	OF-5S	OF-6S	OF-8S	OF-10S	OF-16D	OF-20D
LED Module	Pixel pitch(mm)	4	5	6	8	10	16	20
	Pixel configuration	SMD1921	SMD2727	SMD2727	SMD3535	SMD3535	DIP346	DIP346
	Module resolution(dots)	48*48	32*32	32*32	32*16	32*16	16*16	16*8
	Module size(mm)	192*192	160*160	192*192	256*128	320*160	256*256	320*160
LED Cabinet	Cabinet size(mm)	576*576	960*960	960*960	1024*768	960*960	1024*768	1280*960
	Cabinet resolution(dots)	144*144	192*192	160*160	128*96	96*96	64*48	64*48
	Cabinet weight(kg)	50/42						
	Cabinet material	Steel						
LED DISPLAY	Pixel density (pixel/m^2)	62500	40000	27777	15625	10000	3906	2500
	Brightness (cd/m^2)	6500				8000	8000	7500
	Brightness adjusted	256 grade by software or by Auto-optic induced						
	View angle	140°/140°				110°/70°		
	Best viewing distance(m)	4	5	5	7	8	14	18
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)						
	Display work method	1/8 scan		1/4Scan	1/4 Scan	1/2 Scan	Static	
	LED driving method	Constant driving current						
	Color contrast ratio	10yesrs or more(natural environment);100000 hours(ideal environment)						
	Gray grade	16bit						
	Display Color	439,804,651,110						
	Refresh Frequency(Hz)	600~2000						
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control						
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)						
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10						
	Front/Rear IP Level	IP65						
	Working temperature(°C)	-20~+40						
	Stored temperature(°C)	-40~+80						
	Operation humidity(RH)	0~95%						
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)						
	Maintenance	Rear Side						
	Working Voltage	(Ac110 / AC 220V 10% 47~63Hz)						
	Power consumption/m^2	480/200-780/280		750/250	700/250	680/250	580/220	550/200
	Out of controlled dot	≤3/10,000						

2pcs*86. 02m^2 OF-20D in Peru

360M^2 OF-16D in Malaysia

120m^2 OF-16D in Columbia

STRUCTURE DIAGRAM
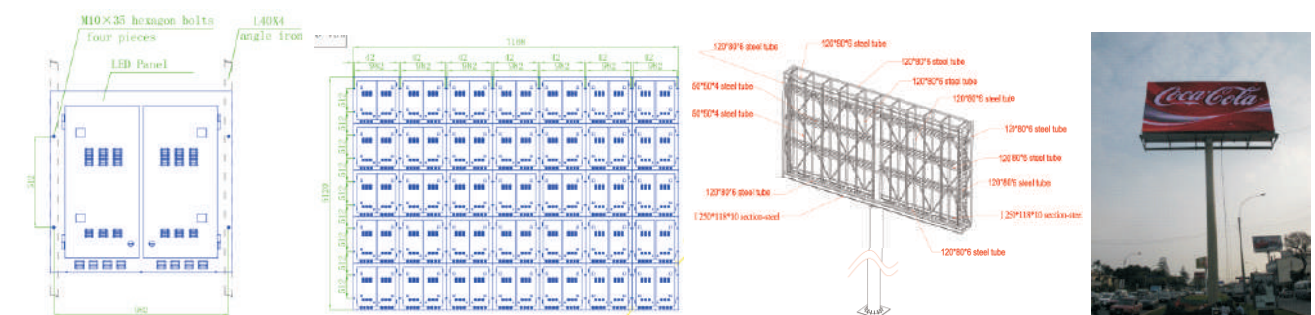
COMMERCIAL ADVERTISING LED DISPLAY IF SERIES

- High definition, applied as HD TV;
- Light weight at about 20kg per cabinet;
- Good heat dissipation for stable long lifetime;
- High contrast ratio to reflect more real and vivid color;
- Slim cabinet deign for easier assembly;
- Installed for shopping mall, conference room,TV studios etc.
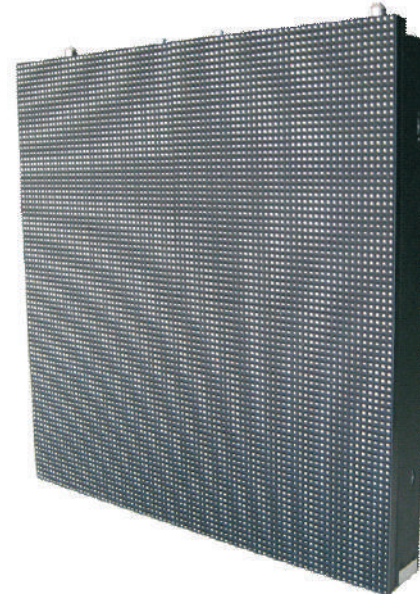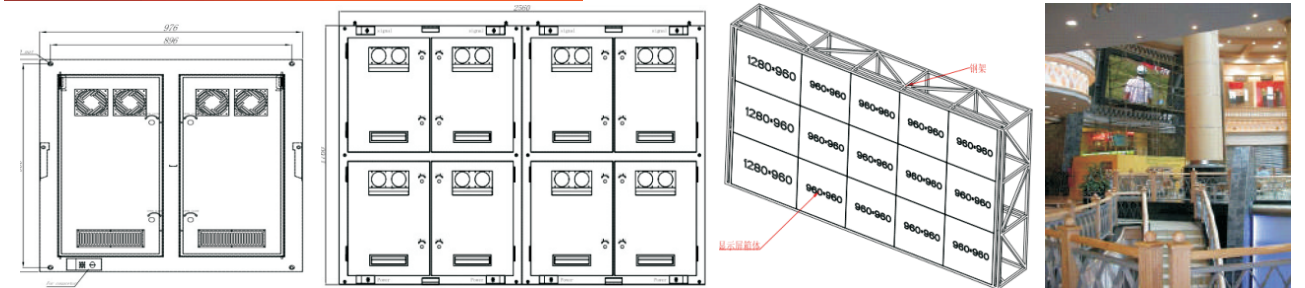
153m² IF-6S for ASEAN

23m² IF-4S in Brunei

8m² if-4s for Clubs in Spain

23 panels IF-4S for TV studio in Nigeria

Commercial-IF SERIES		IF-2.5S	IF-3S	IF-4S	IF-5S	IF-6S	IF-7.62S	IF-10S
LED Module	Pixel pitch(mm)	2.5	3	4	5	6	7.62	10
	Pixel configuration	SMD2121	SMD2121	SMD2121	SMD3528	SMD3528	SMD3528	SMD3528
	Module resolution(dots)	64*64	32*32	64*32	64*32	32*32	32*32	32*16
	Module size(mm)	160*160	192*192	256*128	320*160	192*192	244*244	320*160
LED Cabinet	Cabinet size(mm)	320*320	576*576	512*512	640*640	960*960	976*976	960*960
	Cabinet resolution(dots)	128*128	160*160	192*192	128*128	160*160	128*128	96*96
	Cabinet weight(kg)	8	13	10	16	36		
	Cabinet material	Steel						
LED DISPLAY	Pixel density (pixel/m²)	160000	111111	62500	40000	27777	17222	10000
	Brightness (cd/m²)	≤ 2000(adjustable)						
	Brightness adjusted	256 grade by software or by Auto-optic induced						
	View angle	140°/140°						
	Best viewing distance(m)	2	3	4	5	6	7	10
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)						
	Display work method	1/16 Scan			1/8 Scan			1/4 Scan
	LED driving method	Constant driving current						
	Color contrast ratio	3000:1						
	Gray grade	16bit						
	Display Color	439,804,651,110						
	Refresh Frequency(Hz)	600~2000						
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control						
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)						
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10						
	Front/Rear IP Level	IP43						
	Working temperature(°C)	-20~+40						
	Stored temperature(°C)	-40~+80						
	Operation humidity(RH)	0~95%						
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)						
	Maintenance	Rear Side						
	Working Voltage	AC110 / AC 220V 10% 47~63Hz						
	Power consumption/m²	800/300- 1100/400						
	Out of controlled dot	≤3/10,000						

STRUCTURE DIAGRAM

*Specification subjected to change witho ut prior notice.

RENTAL LED DISPLAY
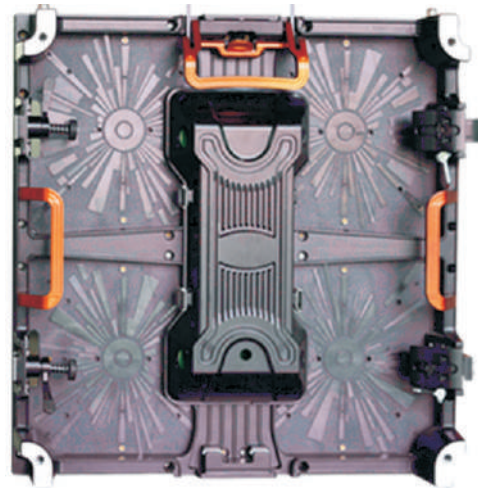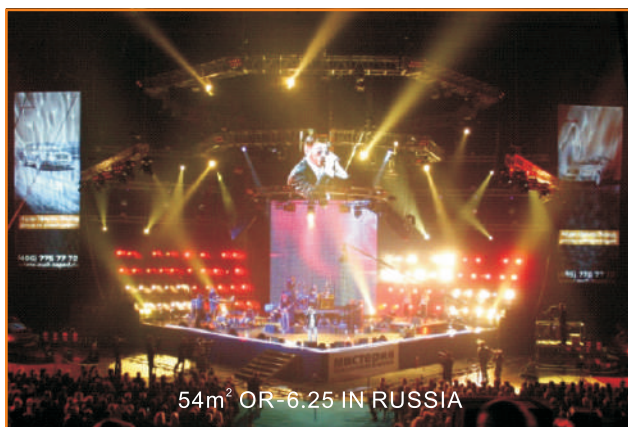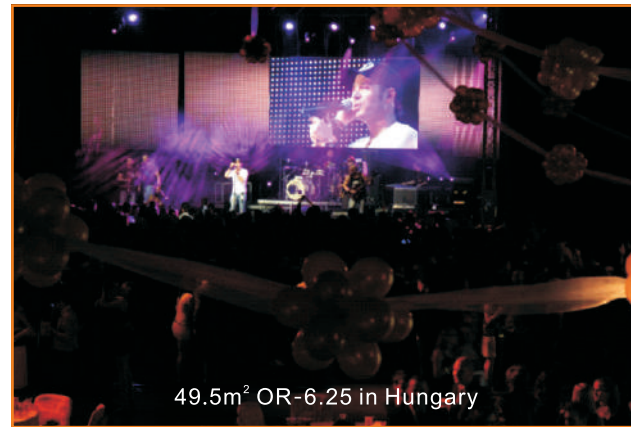

Ultra HD Display Excellent Visual Effects
Ultra-high dynamic contrast and high-quality display, bring you unprecedented visual enjoyment.easily attract attention, greatly enhance the value of advertising.

Perfect Structural Design
LED Screen Outdoor Rental Series with the High-precision cast aluminum material, perfect splicing without gaps. Fast locking makes installation and removal extremely easy.High-quality aviation plugs ensure reliability.
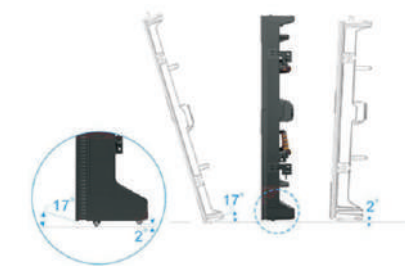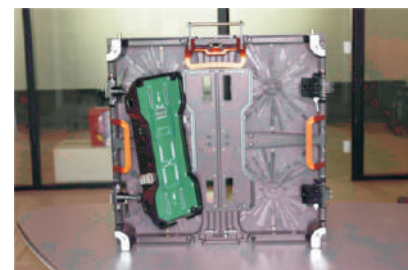
Advanced Design For Quick Maintenance
The LED cabinet's rear control system used a snap-in design, maintenance and installation is more efficient and convenient.Completed Cabinet Connection In One Second.
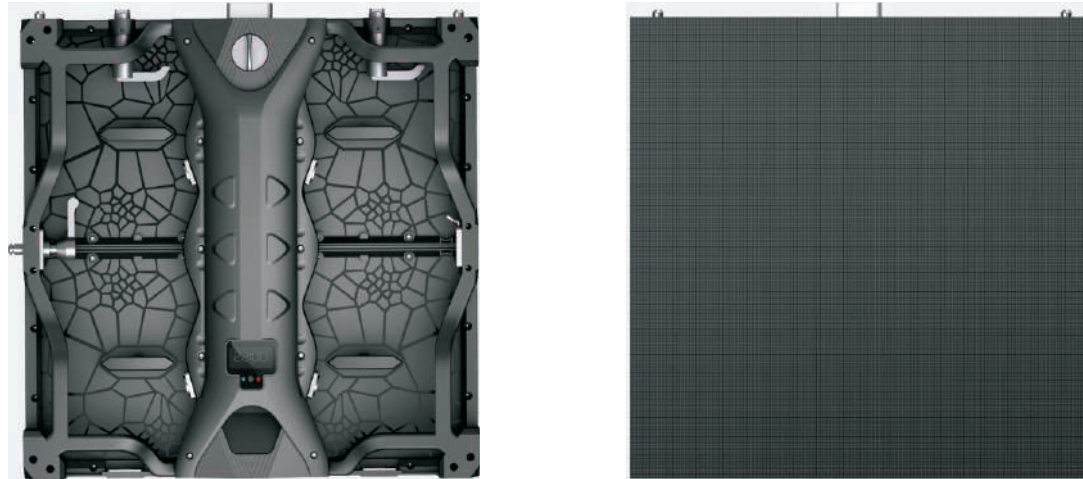

49.5m² OR-3.91 in Hungary

49.5m² OR-6.25 in Hungary

54m² OR-6.25 IN RUSSIA

3PCS*18.432m² OR-5.95 in Swizerland

RENTAL-OR SERIES		OR-3.91	OR-4.8	OR-5.95	OR-6.25
LED Module	Pixel pitch(mm)	3.91	4.8	5.95	6.25
	Pixel configuration	SMD(1921)	SMD(2727)	SMD(3535)	
	Module resolution(dots)	64*64	52*52	42*42	40*40
	Module size(mm)	250*250			
LED Cabinet	Cabinet size(mm)	500*500			
	Cabinet resolution(dots)	128*256	104*208	84*168	80x160
	Cabinet weight(kg)	8			
	Cabinet material	Die Casting Aluminum			
LED Display	Pixel density(pixel/m²)	65536	43264	28224	25600
	Brightness(cd/m²)	≥6500(adjustable)			
	Brightness adjusted	256 grade by sofware or by Auto-optic induced			
	View angle	140⁰/140⁰			
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;sigle mode fiber cable<20km)			
	Display work method	1/13scan		1/7scan	1/10scan
	LED driving method	Constant driving current			
	Color contrast ratio	10yesrs or more(natural environment);100000 hours(ideal environment)			
	Gray grade	16bit			
	Display Color	439,804,651,110			
	Refresh Frequency(Hz)	≥2400			
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control			
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)			
	System operating	WINDOWSXP,WINDOWS7,WINDOWS8,WINDOWS10			
	Front/Rear IP Level	IP65			
	Working temperature(⁰C)	−20~+40			
	Stored temperature(⁰C)	−40~+80			
	Operation humidity(RH)	0~90%			
	Display Lifetime(hours)	10yesrs or more(natural environment);100000 hours(ideal environment)			
	Maintenance	Rear Side			
	Working Voltage	(AC110/AC220V 10% 47~63Hz)			
	Power consumption/m²	480/200-780/280			
	Out of controlled dot	≤3/10,000			

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

YUCHIP New Indoor Rental LED creen design incorporates many aesthetic elements,from material and texture to slim luster,deduce the beauty of science and technology.

Perfect Structure

YUCHIP has the domestic top design team,the design innovation has its own unique philosophy,with a number of core technologies.Innovative structural design,avant-garde body lines,Give you extraordinary experience.

Two-Way Maintenance

In order to meet the various aspects of the rental led screen field,a new generation of rental led display design for two-way maintenance,from the front and back of the screen can come up with the unit board and power supply,it will more easy for repairing.

Humanized Design

Four corner side with humanization anti-skidhandle.Compared with traditional cabinet,it is more beautiful and convenient.
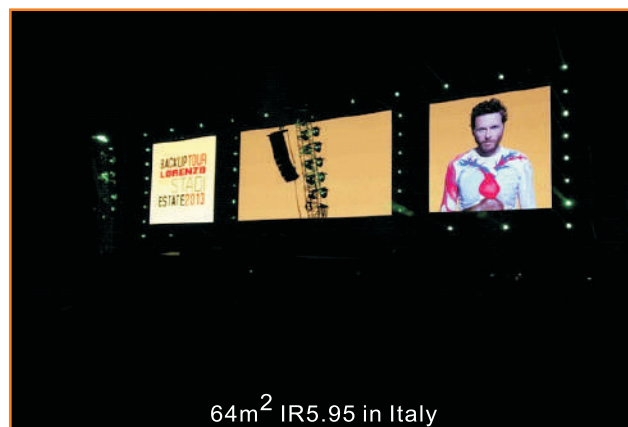

60m² IR6.25 in Singapore

42m^2 IR6.25 in Argentina

48m^2 IR3.9 l in Russia

64m^2 IR5.95 in Italy

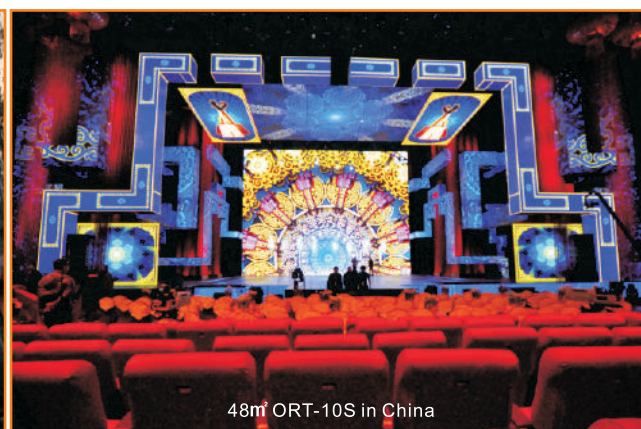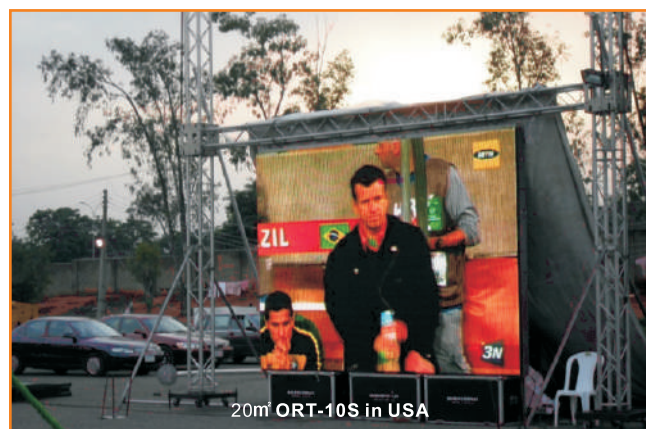| Rental - IR Series		IR-2.6	IR-2.84	IR-2.97	IR-3.91	IR-4.81	IR-5.95	IR-6.25
LED Module	Pixel pitch(mm)	2.6	2.84	2.97	3.91	4.81	5.95	6.25
	Pixel configuration	SMD(2121)					SMD(3528)	
	Module resolution(dots)	96*96	88*88	84*84	64*64	52*52	42*42	40*40
	Module size(mm)	250*250						
LED Cabinet	Cabinet size(mm)	500*500						
	Cabinet resolution(dots)	192*192	176*176	168*168	128*128	104*104	84*84	80*80
	Cabinet weight(kg)	8						
	Cabinet material	Die Casting Aluminum						
LED Display	Pixel density(pixel/m^2)	147928	123983	112607	65536	43264	28224	25600
	Brightness(cd/m^2)	≥2000(adjustable)						
	Brightness adjusted	256 grade by sofware or by Auto-optic induced						
	View angle	140^0/140^0						
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;sigle mode fiber cable<20km)						
	Display work method	1/32scan	1/22scan	1/28scan	1/16scan		1/7scan	1/10scan
	LED driving method	Constant driving current						
	Color contrast ratio	3000:1						
	Gray grade	16bit						
	Display Color	439,804,651,110						
	Refresh Frequency(Hz)	≥2400						
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control						
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)						
	System operating	WINDOWSXP,WINDOWS7,WINDOWS8,WINDOWS10						
	Front/Rear IP Level	IP43						
	Working temperature(^{0}C)	-20~+40						
	Stored temperature(^{0}C)	-40~+80						
	Operation humidity(RH)	0~90%						
	Display Lifetime(hours)	10yesrs or more(natural environment);100000 hours(ideal environment)						
	Maintenance	Front/Rear Side						
	Working Voltage	(AC110/AC220V 10% 47~63Hz)						
	Power consumption/m^2	480/200-780/280						
	Out of controlled dot	≤3/10,000						

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

lock catch

RENTAL LED DISPLAY ORT SERIES

- Die casting aluminum cabinet;
- Super slim LED cabinet design;
- Ultra light weight for easier assembly and dismantliing;
- Fast lockers equipped on top and bottom,left and right;
- IP65 and high brightness for outdoor&indoor,day&night use;
- Widely applied for events,concerts ans stage etc.

60m² ORT-6S in Budapest

40m² ORT-6S in China

20m² ORT-10S in USA

48m² ORT-10S in China

RENTAL-ORT SERIES		ORT-4	ORT-5S	ORT-6S	ORT-6.67S	ORT-8S	ORT-10S
LED Module	Pixel pitch(mm)	4	5	6	6.67	8	10
	Pixel configuration	SMD1921	SMD2727	SMD3535			
	Module resolution(dots)	48*48	64*32	32*32	48*24	40*20	32*16
	Module size(mm)	192*192	320*160	192*192	320*160	320*160	320*160
LED Cabinet	Cabinet size(mm)	576*576	640*640	576*576	640*640	640*640	640*640
	Cabinet resolution(dots)	144*144	128*128	96*96	96*96	80*80	64*64
	Cabinet weight(kg)	12.5	12.5	11.5	12.5	11	12.5
	Cabinet material	Die Casting Aluminum					
LED DISPLAY	Pixel density (pixel/m²)	62500	40000	27777	22500	15625	10000
	Brightness (cd/m²)	≥6000（adjustable)					
	Brightness adjusted	256 grade by software or by Auto-optic induced					
	View angle	140°/140°					
	Best viewing distance(m)	4	5		6	8	8
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)					
	Display work method	1/8 Scan		1/4 Scan	1/6 Scan	1/3 Scan	1/2Scan
	LED driving method	Constant driving current					
	Color contrast ratio	3000:1					
	Gray grade	16bit					
	Display Color	439,804,651,110					
	Refresh Frequency(Hz)	600~2000					
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control					
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)					
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10					
	Front/Rear IP Level	IP65					
	Working temperature(°C)	-20~+40					
	Stored temperature(°C)	-40~+80					
	Operation humidity(RH)	0~95%					
	Display Lifetime(hours)	10 years or more(natural environment); 100000 hours(ideal environment)					
	Maintenance	Rear Side					
	Working Voltage	AC110 / AC 220V 10% 47~63Hz					
	Power consumption/m²	480/200- 780/280					
	Out of controlled dot	≤3/10,000					

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

RENTAL LED DISPLAY IRT SERIES

- High definition;
- Die casting aluminum and extrusion aluminum cabinet;
- Ultra slim LED cabinet design at 65mm;
- Ultra light weight for easier assembly and dismantling;
- Fast lockers equipped on top and bottom,left and right;
- Widely applied for events,concerts and stage etc.

100㎡ IRT-4S in Guangzhou
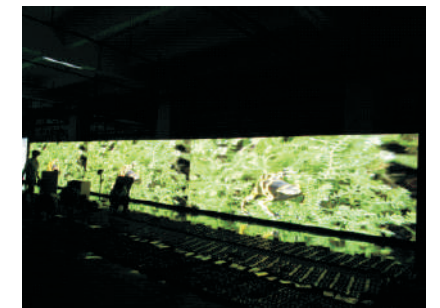

14㎡ IRT-3S in Singapore

44㎡ IRT-7.62S in Malaysia

7.32㎡ IRT-4S in Germany

| Rental - IRT Series		IRT-2.5S	IRT-3S	IRT-4S	IRT-5S	IRT-6S
LED Module	Pixel pitch(mm)	2.5	3	4	5	6
	Pixel configuration	SMD2121			SMD3528	SMD3528
	Module resolution(dots)	64*64	64*64	64*32	64*32	32*32
	Module size(mm)	160*160	192*192	256*128	320*160	192*192
LED Cabinet	Cabinet size(mm)	480*480	576*576	512*512	640*640	576*576
	Cabinet resolution(dots)	192*192	192*192	128*128	128*128	96*96
	Cabinet weight(kg)	6	9.5	8	12.8	9.5
	Cabinet material	Die Casting Aluminum				
LED DISPLAY	Pixel density (pixel/m^2)	160000	111111	62500	40000	27777
	Brightness (cd/m^2)	≥2000(adjustable)				
	Brightness adjusted	256 grade by software or by Auto-optic induced				
	View angle	140°/140°				
	Best viewing distance(m)	2	3	3.5	5	6
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)				
	Display work method	1/32 Scan	1/16 Scan		1/8 Scan	
	LED driving method	Constant driving current				
	Color contrast ratio	3000:1				
	Gray grade	16bit				
	Display Color	439,804,651,110				
	Refresh Frequency(Hz)	600~2000				
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control				
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)				
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10				
	Front/Rear IP Level	IP43				
	Working temperature(°C)	-20~+40				
	Stored temperature(°C)	-40~+80				
	Operation humidity(RH)	0~95%				
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)				
	Maintenance	Rear Side				
	Working Voltage	AC110 / AC 220V 10% 47~63Hz				
	Power consumption/m^2	480/200-780/280				
	Out of controlled dot	≤3/10,000				

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

HD LED DISPLAY

- Ultra HD perfect picture quality, exclusive visual feast;
- 4:3 design Cabine, 4:3 resolution is specialized for command center. Perfect replacement for LCD display;
- Vertical/horizontal: 140°/140°, broadcast-level color gamut, CT and brightness adjustable，more appropiate for long-time watching;
- Vivid Image with Low Brightness and High Grayscale;
- Application places: Auditorium, conference room, banquet hall and exhibition. presentations traffic, studio, command and monitor system.
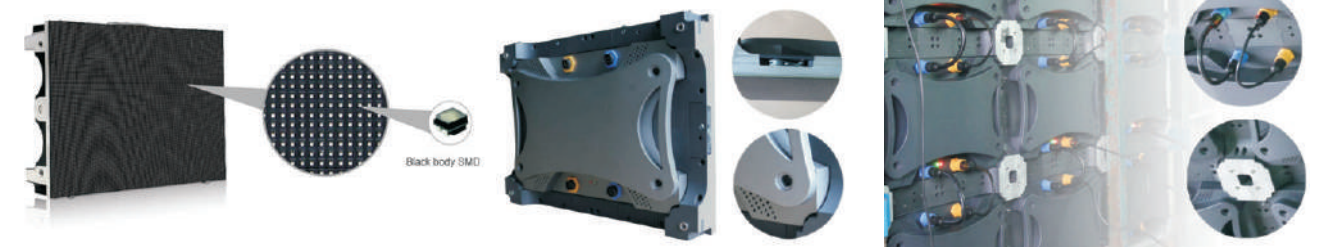
Normal display's grayscale   X3 grayscale
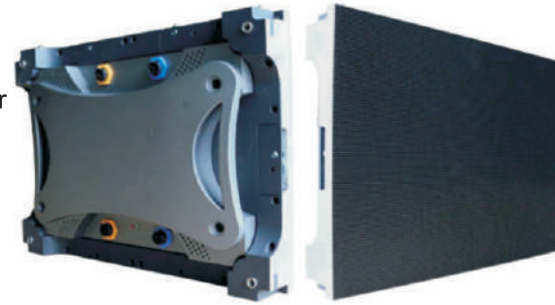
3000:1 contrast ratio acquired with high quality black face LED lamp and black mask, providing clearer and more vivid image.

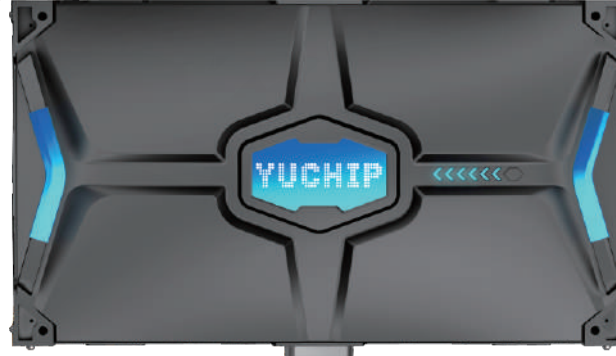| HD LED DISPLAY SERIES		HD-1.6S	HD-1.9S	HD-2.0S	HD-2.5S
LED Module	Pixel pitch(mm)	1.6	1.9	2.0	2.5
	Pixel configuration	SMD1010	SMD1010	SMD1010	SMD2121
	Module resolution(dots)	125*187	105*157	100*150	80*20
	Module size(mm)	200*300			
LED Cabinet	Cabinet size(mm)	400*300			
	Cabinet resolution(dots)	250*187	210*157	200*150	160*120
	Cabinet weight(kg)	5.2			
	Cabinet material	Die Casting Aluminum			
LED DISPLAY	Pixel density (pixel/m^2）	390625	277000	250000	160000
	Brightness (cd/m^2)	≥2000 (adjustable)			
	Brightness adjusted	256 grade by software or by Auto-optic induced			
	View angle	140°/140°			
	Best viewing distance(m)	≥1.6m	≥1.9m	≥2.0m	≥2.5m
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)			
	Display work method	1/30 Scan			
	LED driving method	Constant driving current			
	Color contrast ratio	3000:1			
	Gray grade	16bit			
	Display Color	439,804,651,110			
	Refresh Frequency(Hz)	>2400			
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control			
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)			
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10			
	Front/Rear IP Level	IP43			
	Working temperature(°C)	-20～+40			
	Stored temperature(°C)	-40～+80			
	Operation humidity(RH)	0~95%			
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)			
	Maintenance	Rear Side			
	Working Voltage	AC110 / AC 220V 10% 47~63Hz			
	Power consumption/m^2	480/200- 780/280			
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)			

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

Black body SMD

- 16:9 ratio of width and height, which can combine easily;
- Seamless stitching, ultra wide view angle;
- Ultra High Definition;It delivers a truly amazing picture with extraordinary pixels producing an image that is HD quality in an led screen;
- Low brightness and high gray level (16bit), high color revivification degree;
- Contrast Ratio 5000:1; Viewing Angle Horizontal/Vertical 160°;
- Light Like the feather,Thin Thickness 80mm;
- Can be maintained from the front side,which makes it more convenient to install and maintain.

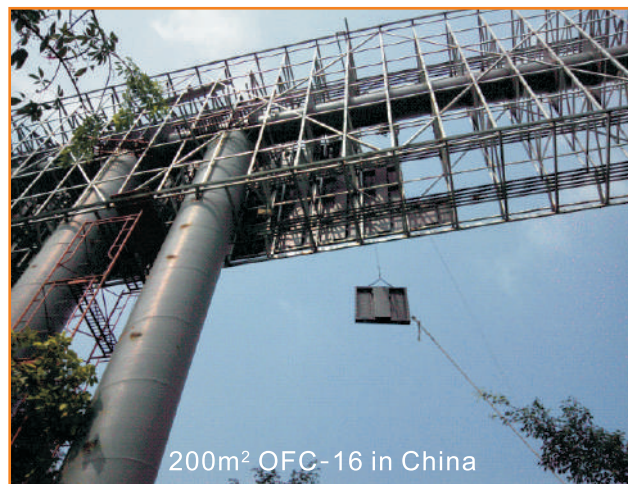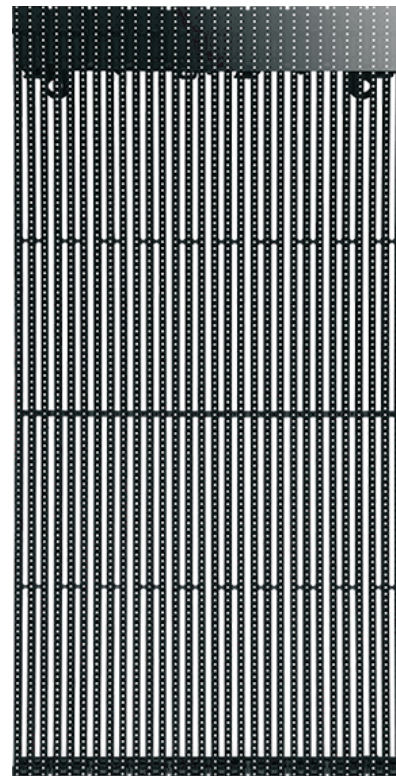| HD LED Display PRO SERIES		HDP1.25	HDP1.56	HDP1.875	HDP2.5
LED Module	Pixel pitch（mm）	1.25	1.56	1.875	2.5
	Pixel configuration	SMD(0808/1010)			SMD(1010)
	Module resolution(dots)	160*135	128*108	106*90	80*67.5
	Module size(mm)	200×168.75			
LED Cabinet	Cabinet size(mm)	600×337.5×80			
	Cabinet resolution(dots)	480*270	384*216	320*180	240*135
	Cabinet weight(kg)	7.8			
	Cabinet material	Die Casting Aluminum			
LED Display	Pixel density(pixel/m^2)	640000	410897	284444	160000
	Brightness(cd/m^2)	≥800(6500K)			
	Brightness adjusted	256 grade by sofware or by Auto-optic induced			
	View angle	$160^0/160^0$			
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;sigle mode fiber cable<20km)			
	Display work method	1/27scan		1/30scan	1/27scan
	LED driving method	Constant driving current			
	Color contrast ratio	5000:1			
	Gray grade	16bit			
	Display Color	3200-9300(adjustable)			
	Refresh Frequency(Hz)	≥3840Hz			
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control			
	Input signa	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)			
	System operating	WINDOWSXP,WINDOWS7,WINDOWS8,WINDOWS10			
	Front/Rear IP Levell	IP43			
	Working temperature(^{0}C)	−20~+40			
	Stored temperature(^{0}C)	−40~+80			
	Operation humidity(RH)	0~90%			
	Display Lifetime(hours)	10yesrs or more(natural environment);100000 hours(ideal environment)			
	Maintenance	Front Side			
	Working Voltage	(AC110/AC220V 10% 47~63Hz)			
	Power consumption/m^2	Max:800w;Ave:250w			
	Out of controlled dot	≤3/10,000			

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.
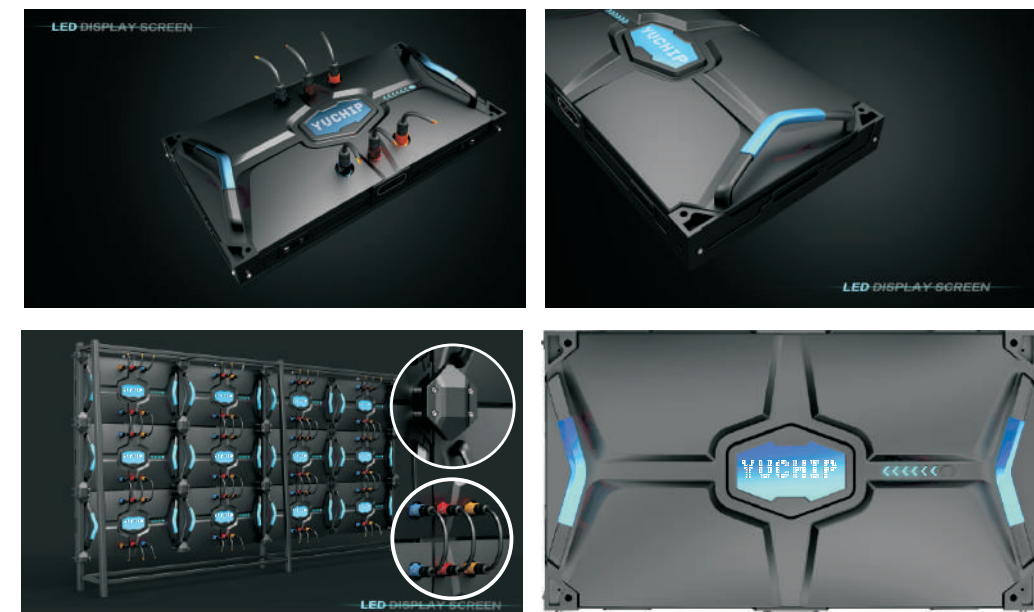
CURTAIN LED DISPLAY OFC SERIES

- Good heat dissipation:Aluminium alloy kit,separation design of light bars and power supply;

- Save installation time,convenient service:Low maintenance cost;

- Thinnest part only 12mm:with structure only 110mm;

- Long life time:100000 hours,stable display;

- Adjustable brightness:Fit different environmetn needs;

- Quick installation:Less thank 10s per unit;

- Adopted high effcient chips:Linear arrangement,high brightness & contrast;

- both general & customized system:Meet various broadcasting requirements;

- Multi-screen display:Multichannel switch freely.

200m² OFC-16 in China

200m² OFC-33/50 in China

256m² OFC-16/33.3 in Shanghai

35m² OFC-33 in Afghanistan

18.432m² OFC-16/25 in Poland

CURTAIN-OFC SERIES		OFC-8.33	OFC-16S	OFC-16D	OFC-16/33.3	OFC-33	OFC16/25	OFC33/50
LAMP	LED Type	SMD(3535)		DIP346			DIP346	
MODULE	Pixel configuration	SMD3 in 1		1R1G1B		2R2G2B	1R1G1B	2R2G2B
	Pixel pitch(H*W) mm	8.33/16.67	16.67/16.67	16.67/16.67	16.67/33.33	33.33/33.33	16/25	33/50
	Module size(H*W*L) mm	1000*9.5*11		1000*10*18			1000*14.3*18	single light strip
CABINET	Resolution	120*30	60*30		30*15	60*20	60*20	30*10
	Cabinet size(H*W*L)mm	1000*500*60						
	Net.weight/Cabinet	7.8		8.3	5.5	5.8	6.8	7.0
	Ingress Protection	Front IP65/Rear IP65						
	Power	AC 240 or 110±10%,50~60Hz						
	Serviceability	Front&Rear service						
DISPLAY	Max.Power consumption	≤500W	≤470W	≤450W				≤430W
	Avg.Power consumption	167W	157W	155W				150W
	Brightness	6500		6000			6500-9000	6500
	Pixel density(pixel/m²)	7,200	3,600		1,800	900	2,400	600
	Viewing Angle(H/V)	120°/120°		120°/60°				
	Contrast ratio	3,000:1						
	Transparency	43%		40%	70%	70%	60%	80%
	Operation temperature/humidity	-30°C to +50°C/10% to 95%						
	Lifetime(50%brightness)	80,000hours						
	Gray scale	14 bit						
	Refresh rate	≥1920Hz						
	Frame rate	30/50/60fps						
	Working temperature(0C)	-20~+40						
	Stored temperature(0C)	-40~+80						
	Working Voltage	(AC110/AC220V 10% 47~63Hz)						
	Out of controlled dot	≤3/10,000						

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.
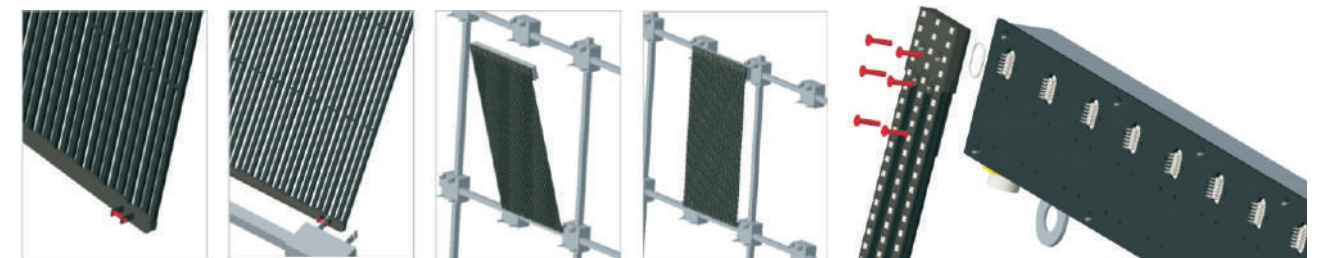
CURTAIN LED DISPLAY IC SERIES

- 500x500mm and 500x1000mm cabinet size;
- Die casting aluminum material, ultra light weight;
- High refresh rate,high brightness and high contrast which make the screen without any delay and smear phenomenon under directly sunlight.
- Both hanging up and put on stage stand installation;
- HDMI, SDI multi signal input, High RF for Live broadcast.
- High debugging brightness and no damage to gray scale, achieving the debugging technology for nice image.

40m² IC-6.25S in Germany
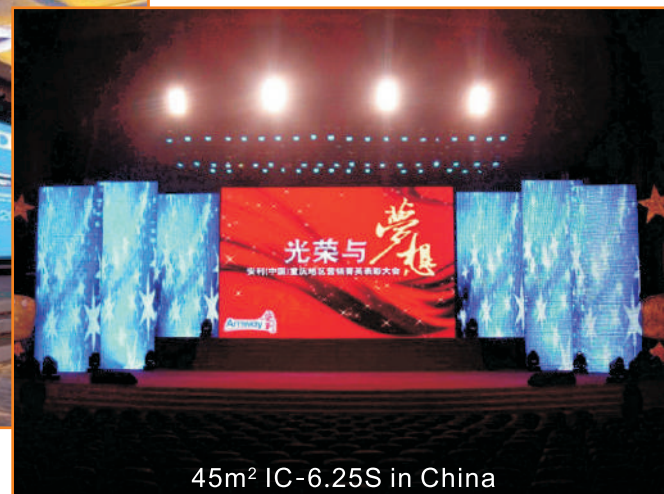
45m² IC-6.25S in China

60m² OC-4.8S in Italy

90m² IC-5.95S in Germany

50m² IC-6.25S in Hungary

| Indoor Curtain SERIES		IC-3.91S	IC-4.8S	IC-5.95S	IC-6.25S
LED Module	Pixel pitch(mm)	3.91	4.8	5.95	6.25
	Pixel configuration	SMD1921	SMD2121	SMD3528	SMD3528
	Module resolution(dots)	64*64	52*52	42*42	40*40
	Module size(mm)	250*250			
LED Cabinet	Cabinet size(mm)	500*500/500*1000			
	Cabinet resolution(dots)	128*128	104*104	84*84	80*80
	Cabinet weight(kg)	8/16			
	Cabinet material	Die Casting Aluminum			
LED DISPLAY	Pixel density (pixel/m^2)	65536	43264	28224	25600
	Brightness (cd/m^2)	≥2000 (adjustable)			
	Brightness adjusted	256 grade by software or by Auto-optic induced			
	View angle	140°/140°			
	Best viewing distance(m)	≥4m	≥5m	≥6m	≥6m
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)			
	Display work method	1/16 Scan	1/13 Scan	1/10 Scan	1/6 Scan
	LED driving method	Constant driving current			
	Color contrast ratio	3000:1			
	Gray grade	16bit			
	Display Color	439,804,651,110			
	Refresh Frequency(Hz)	1200	≥2400		
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control			
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)			
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10			
	Front/Rear IP Level	IP43			
	Working temperature(ºC)	-20~+40			
	Stored temperature(ºC)	-40~+80			
	Operation humidity(RH)	0~95%			
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)			
	Maintenance	Rear Side			
	Working Voltage	AC110 / AC 220V 10% 47~63Hz			
	Power consumption/m^2	480/200- 780/280			
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)			

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

CURTAIN LED DISPLAY OC SERIES

- 500mm*500mm and 500mm*1000mm cabinet can be chosen;
- Die-casting aluminum design, the characteristics of both are thin andlight, 500mm * 500mm cabinet only 7.5kg;
- High refresh rate, high brightness and high contrast, clear picture without flicker and distortion;
- Advanced cabinet design, seamless, ensuring the flatness of the entire screen;
- 3 years' warranty, easy to install & maintenance. products is certified by CE,Rohs,FCC etc.
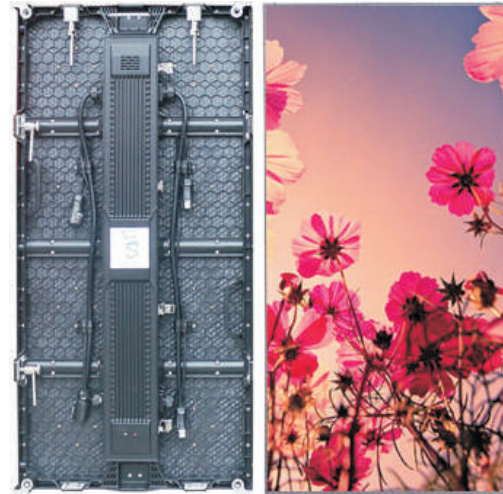
Inward and outward curve design;
Curved cabinet, ±5°,±10° and ±30° curve angle adjustable;

Support hanging up by truss and put on stage stand installation;

CURTAIN LED DISPLAY		OC-3.91S	OC-4.8S	OC-5.95S	OC-6.25S	OC-8.92	OC-10.42
LED Module	Pixel pitch(mm)	3.91	4.8	5.95	6.25	8.92	10.42
	Pixel configuration	SMD1921	SMD2727	SMD3535	SMD3535	SMD3535	SMD3535
	Module resolution(dots)	42*42			40*40	28*28	24*24
	Module size(mm)	250*250					
LED Cabinet	Cabinet size(mm)	500*500/ 500*1000					
	Cabinet resolution(dots)	128*256	104*208	84*168	80*160	56*112	48*96
	Cabinet weight(kg)	8/16					
	Cabinet material	Die Casting Aluminum					
LED DISPLAY	Pixel density (pixel/m^2)	65536	43264	28224	25600	12544	9216
	Brightness (cd/m^2)	≥ 6500 (adjustable)					
	Brightness adjusted	256 grade by software or by Auto-optic induced					
	View angle	140°/140°					
	Best viewing distance(m)	4	5	5	6	8	10
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)					
	Display work method	1/7 Scan	1/7 Scan		1/10 Scan	1/7 Scan	1/10 Scan
	LED driving method	Constant driving current					
	Color contrast ratio	3000:1					
	Gray grade	16bit					
	Display Color	439,804,651,110					
	Refresh Frequency(Hz)	>2400					
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control					
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)					
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10					
	Front/Rear IP Level	IP65					
	Working temperature(ºC)	-20~+40					
	Stored temperature(ºC)	-40~+80					
	Operation humidity(RH)	0~95%					
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)					
	Maintenance	Rear Side					
	Working Voltage	AC110 / AC 220V 10% 47~63Hz					
	Power consumption/m^2	480/200- 780/280					
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)					

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

LED PostAir

HD Image Quality,Refresh rate up to 3840Hz;
Brightness at 1500nits, 3 times brighter than LCD display;
160°view angle;High color reproduction;
Compare with indoor LCD poster, with high brightness, super thin & low-power consumption,
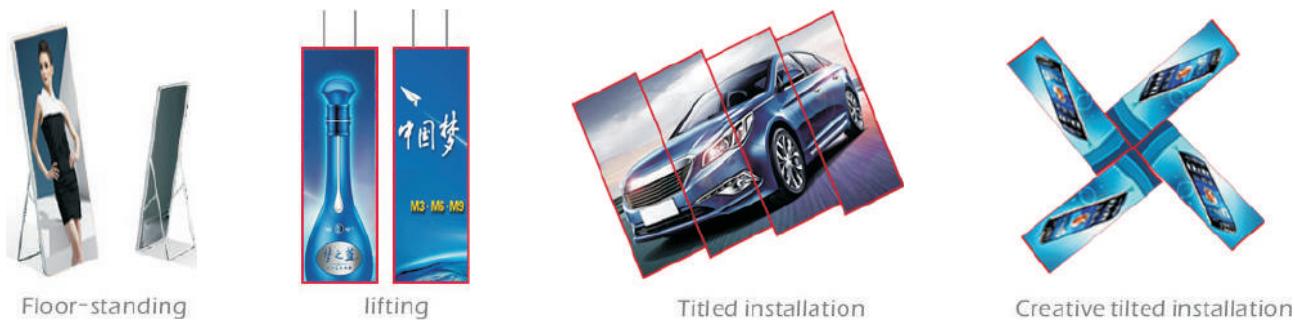LED Digital poster is also suitable for bright occasion.

Control Methods

Synchronized / asynchronous systemPlug and play, Cross-platform operationReal time play by connecting to network;The screen can be controlled with fixed or portable Windows,IOS & Android devices.
The content can be refreshed and stored in built-in media playerthrough WIFI or USB to achieve asynchronous play.
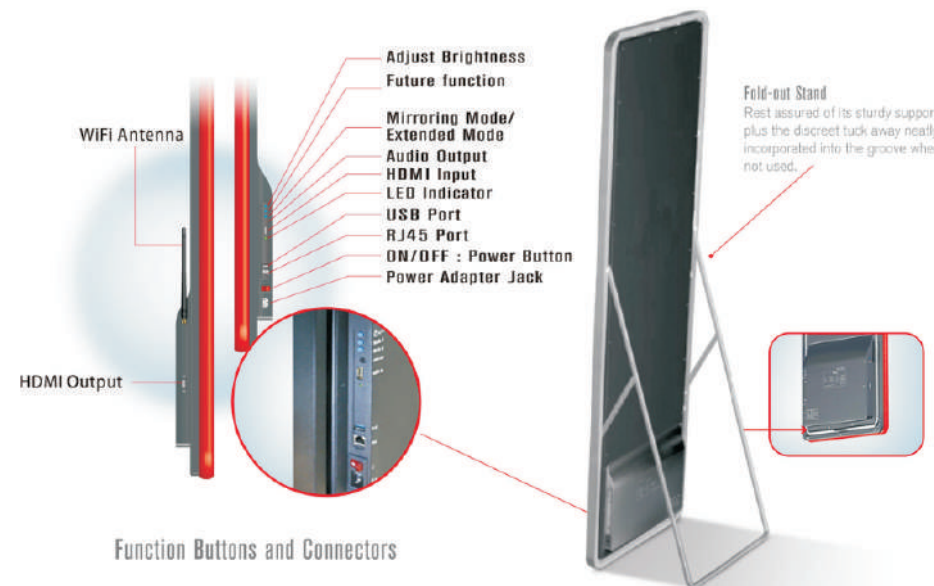
Multi-installation Method

Multi-installation Method Suitable for lifting, wall-mounted, floor-standing and creative installation like inclined strut installation.


Floor-standing　　　　lifting　　　　Titled installation　　　　Creative tilted installation

LED PostAir		LED PostAir 1.9	LED PostAir 2.5
LED Module	Pixel pitch(mm)	1.944	2.5
	Pixel configuration	SMD(1010)	SMD(2020)
	Module resolution(dots)	108*144	84*112
	Module size(H*W)mm	210*280	
LED Cabinet	Cabinet size(H*W)mm	1902*572*35	
	Cabinet resolution(dots)	972*288	756*224
	Cabinet weight(kg)	32	
	Cabinet material	Die Casting Aluminum	
LED Display	Pixel density(pixel/m2)	277000	160000
	Brightness(cd/m2)	1200~1500	
	Brightness adjusted	256 grade by sofware or by Auto-optic induced	
	View angle	160⁰/160⁰	
	Best viewing distance(m)	1.9	2.5
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;sigle mode fiber cable<20km)	
	Display work method	1/27scan	1/28scan
	LED driving method	Constant driving current	
	Color contrast ratio	4000:1	
	Gray grade	16bit	
	Display Color	281trillion	
	Refresh Frequency(Hz)	≥2880Hz	
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control	
	Input signa	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)	
	System operating	WINDOWSXP,WINDOWS7,WINDOWS8,WINDOWS10	
	Front/Rear IP Levell	IP40	
	Working temperature(0C)	-10°C to +40°C; 10% to 90%	
	Stored temperature(0C)	−20~+40	
	Operation humidity(RH)	0~90%	
	Display Lifetime(hours)	10yesrs or more(natural environment);100000 hours(ideal environment)	
	Maintenance	Front/Rear Side	
	Working Voltage	(AC110/AC220V 10% 47~63Hz)	
	Power consumption/m²	200w	250w
	Out of controlled dot	≤3/10,000	

Packaging and Transportation

*Specification subjected to change without prior notice.

Transparent LED Display Feature Introduce:
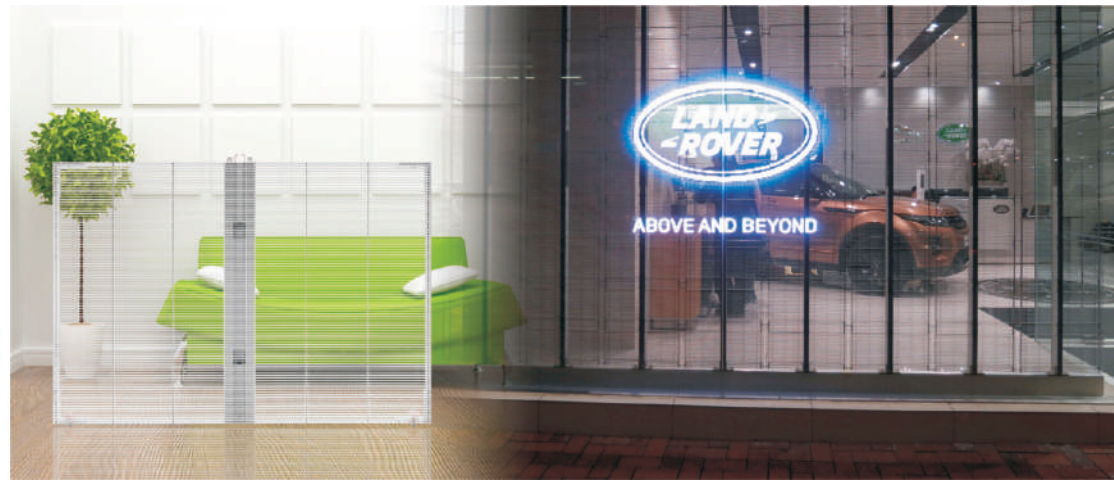
Indoor installation for outdoor viewing
Easy to maintenance, safety, less approval processes than outdoor advertising .

Ultra-Transparent
Permeability is 60% -90%, translucent, ventilation, does not affect the lighting and line of sight,It's very suitable for installing glass walls.

Customized is available
Modern transparent LED display has all kinds of types, the structure is complex, the size isn't the same, the standard cabinet couldn't meet the needs of all projects , CONCRE can be customized the best product solution according to the reality situation, to ensure the permeability of transparent LED display, completeness of display and consistency.

Thin and light,Easy to Installation
No need steel structure: directly attached to the wall installation, saving space and installation costs.

Energy saving, fast cooling
Easy to maintenance, safety, less approval processes than outdoor advertising .

TR SERIES	TR-3.91	TR-3. 91	TR-7. 81	TR-7. 81	TR-10. 4
Pixel pitch	3.91-7.81	3. 91-7.82	7. 81	7. 81~15. 625	10. 4
Lamp	Indoor SMD2121	Outdoor SMD1921	Outdoor SMD2525	Outdoor SMD2525	Outdoor SMD2525
Pixel density	32768	32768	16384	8192	9230
Module size	500mm*500 or500mm*1000mm or1000mm*1000mm Can be Customized Size available				
Cabinet material	Acryic Aluminum Steel				
weight	15KG/㎡	15KG/㎡	14KG/㎡	14KG/㎡	14KG/㎡
Transparency	65%	65%	70%	75%	80%
Brightness	≥1000nit	≥4500nit	≥4500nit	≥4500nit	≥4000nit
Refresh rate	≥1920Hz				
Scan mode	1/165	1/85	1/25	1/25	1/35
Max power consumption	400W/㎡	600W/㎡	600W/㎡	550W/㎡	550W/㎡
Average power	120W/㎡	180W/㎡	180W/㎡	180W/㎡	180W/㎡
PCB	FR-4 four layers board, 2. 0mm thickness				
Driver IC	MBI5124, Hight Refresh Rate				
Installation	Hanging or Stacking				
Brightness level	256 Level				
Installation	Indoor IP30				

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.
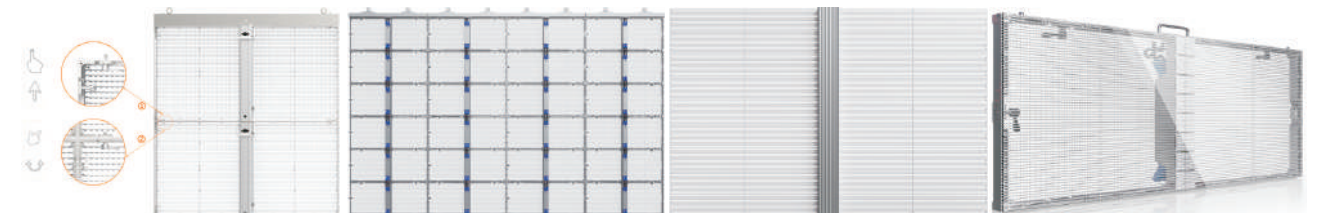
TAXI TOP LED DISPLAY

Outdoor taxi top LED display is a new type of electronic media advertising with elegant and attractive appearance, mainly installed on taxis, buses and other vehicles as a terminal carrier, the purpose is to form a new generation of networked, intelligent, digital outdoor media. This media is an integration of outdoor, electronics, mobile and Wi-Fi etc.

YUCHIP taxi top advertising signs product features:

- 1. Outdoor P2.5、P5、P6;
- 2. Height, width and thickness changeable;
- 3. 3G/Wifi/USB/RJ45 control method optional;
- 4. Up to 4GB memory and USB extension support;
- 5. Double sided, playing same and different content;
- 6. Fixed on top of taxi / car by fixture, screw and magnet;

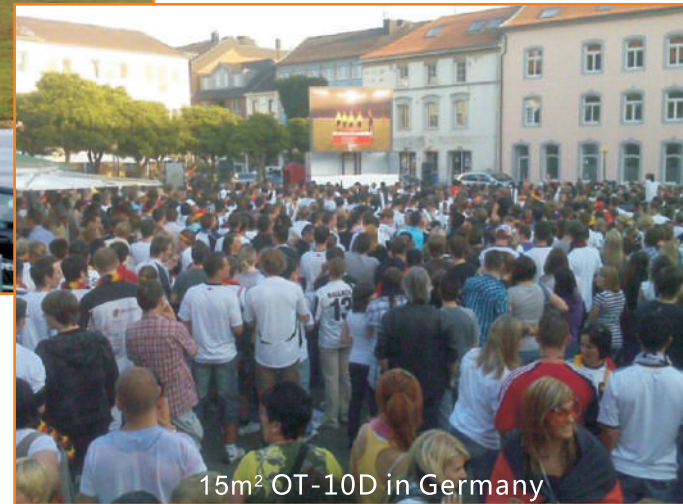| TAXI TOP LED DISPLAY		T2.5	T5	T5	T6	T6
LED Module	Pixel pitch(mm)	2.5	5	5	6	6
	Pixel configuration	SMD2121	SMD3528	SMD3535	SMD3528	SMD3535
	Module resolution(dots)	64*64	32*32	32*32	32*16	32*16
	Module size(mm)	160*160	160*160	160*160	192*96	192*96
LED Cabinet	Cabinet size(mm)	1040*400*230				
	Cabinet resolution(dots)	384*128	192*64	192*64	160*40	160*48
	Cabinet weight(kg)	20				
	Cabinet material	Aluminum(with stainless steel base)				
LED DISPLAY	Pixel density (pixel/m^2)	160000	40000		27777	
	Brightness (cd/m^2)	≥6000（adjustable)				
	Brightness adjusted	256 grade by software or by Auto-optic induced				
	View angle	140°/140°				
	Best viewing distance(m)	≥2	≥4		≥5	
	Communication method	3G,WIFI,USB and RJ45 available				
	Display work method	1/8 Scan				
	LED driving method	Constant driving current				
	Color contrast ratio	3000:1				
	Gray grade	16bit				
	Display Color	439,804,651,110				
	Refresh Frequency(Hz)	600~2000				
	Picture display method	Asynchronization Control; 512M Memory; Support USB flash disk to expand capacity of memory				
	Support video/picture format	AVI, WMV, MOV, MPG, DAT, VOB, MP4, FLV, MPEG, MPV, MPA, VCD, SWF, RM, RMJ, ASF, BMP, JPG, GIF, WMF, ICO, SWF,ect				
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10				
	Front/Rear IP Level	IP65				
	Working temperature(℃)	-20~+40				
	Stored temperature(℃)	-40~+80				
	Operation humidity(RH)	0~95%				
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)				
	Maintenance	Rear Side				
	Working Voltage	AC110 / AC 220V 10% 47~63Hz				
	Power consumption/m^2	Max:550W;Ave:300W				
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)				

STRUCTURE DIAGRAM
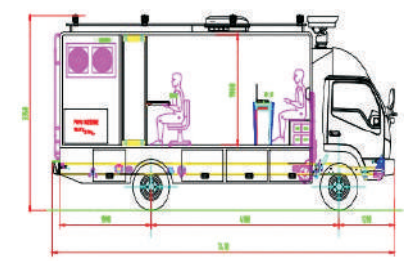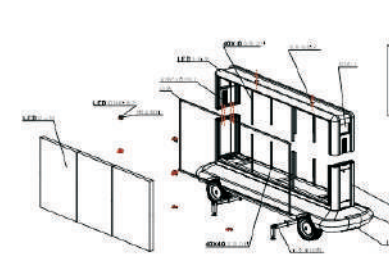
*Specification subjected to change without prior notice.

TRUCK LED DISPLAY OT SERIES

- Movable: Mounted on truck and trailer mounted system.The setting up and dismantling takes less than 30minutes;
- Self-contained generator: Utilizing noise-less generator ensure truck LED dislay locate anywhere anytime for working;
- Hydraulic system: Rise LED display and turn around 360 degrees,outreaching more audience to gain advertising revenue;
- 3G,GPRS,Wifi control system available.

22m² OT-10D in Swizerland

15m² OT-10D in Germany

18.4m² OT-16D in Poland

11.6m² OT-10D in Thailand

2*14m² OT-10D in Italy

TRUCK-OT SERIES		OT-6S	OT-8S	OT-10S	OT-10D	OT-16D
LED Module	Pixel pitch(mm)	6	8	10	10	16
	Pixel configuration	SMD2727	SMD3535		DIP346	
	Module resolution(dots)	32*32	32*16		16*16	
	Module size(mm)	192*192	256*128	320*160	160*160	256*256
LED Cabinet	Cabinet size(mm)	960*960	1024*768	960*960		1024*768
	Cabinet resolution(dots)	160*160	128*96	96*96		64*48
	Cabinet weight(kg)	50/42				
	Cabinet material	Steel/Aluminum				
LED DISPLAY	Pixel density (pixel/m²)	27777	15625	10000		3906
	Brightness (cd/m²)	8000(Adjustable)				
	Brightness adjusted	256 grade by software or by Auto-optic induced				
	View angle	140°/140°				
	Best viewing distance(m)	6	7	8		14
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)				
	Display work method	1/4 Scan	1/2Scan	1/4 Scan		Static
	LED driving method	Constant driving current				
	Color contrast ratio	3000:1				
	Gray grade	16bit				
	Display Color	439,804,651,110				
	Refresh Frequency(Hz)	600~2000				
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control				
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)				
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10				
	Front/Rear IP Level	IP65				
	Working temperature(°C)	-20~+40				
	Stored temperature(°C)	-40~+80				
	Operation humidity(RH)	0~95%				
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)				
	Maintenance	Rear Side				
	Working Voltage	AC110 / AC 220V 10% 47~63Hz				
	Power consumption/m²	480/200- 780/280				
	Out of controlled dot	≤3/10,000				

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

LED DISPLAY BALL

Sphere LED display (we can also call them sphere LED screen or LED panel, LED global, LED ball) is a creative LED display with a ball shape. It is our patent product developed in 2011. Through improvement and R&D of four years, the technology is mature and promising now.

Application:

Up to now, we have accepted orders from casino, shopping mall, bar, disco, exhibition hall, besides it is also widely used in museum, planetarium, sports stadium, airport, hotel, railway station, children's palace, gymnasium, lounge or waiting hall, large open space, etc.

Main feature:

1. High definition: P4.8 SMD2121;
2. Multi diameter option: 1.2m, 1.5m, 1.8m,2.4m,3.0m and 3.6m;
3. Hanging up and on stand installation methods equipped;
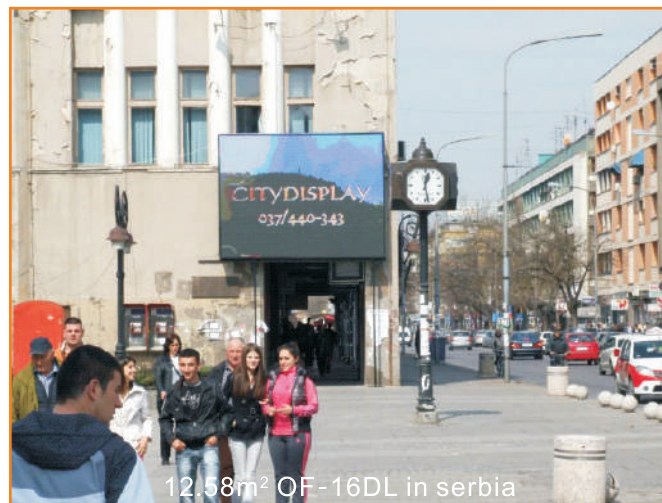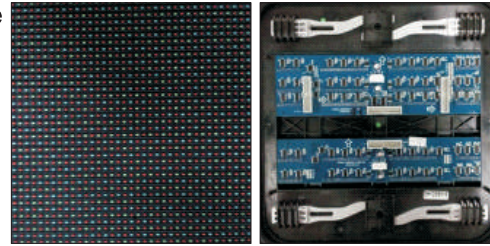4. Nova, Mooncell synchronous control system optional;

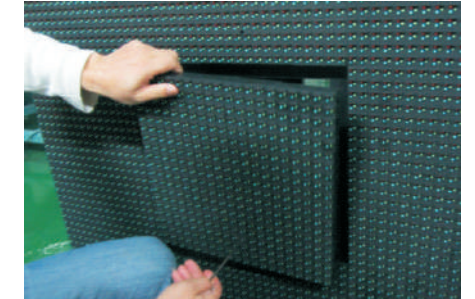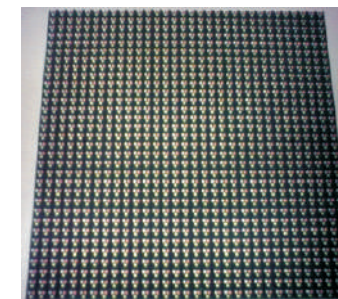| LED DISPLAY BALL		B1.2	B1.5	B1.8	B2.4	B3.0	B3.6
LED PIXEL PITCH	Pixel pitch(mm)	4.8					
	Pixel configuration	SMD2121					
	Encapsulation	3 in 1					
	Colors matches	6:3:1					
	Pixel size(mm)	2.1*2.1					
	Module desin	Flexible					
	Module split joint seam(mm)	≤1					
LED DISPLAY	Display surface flatness(mm)	≤1					
	Display resolution(dots)	196168	306621	441378	785106	1226484	1765946
	Pixel density (pixel/m^2)	43400					
	Brightness (cd/m^2)	≥2000 (adjustable)					
	Brightness adjusted	256 grade by software or by Auto-optic induced					
	View angle	140°/140°					
	Best viewing distance (m)	≥4m					
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)					
	Display work method	1/12 Scan					
	LED driving method	Constant driving current					
	Color contrast ratio	3000:1					
	Gray grade	16bit					
	Display Color	439,804,651,110					
	Refresh Frequency(Hz)	≥1200					
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control					
	Front/Rear IP Level	IP43					
	Working temperature(ºC)	-20~+40					
	Stored temperature(ºC)	-40~+80					
	Operation humidity(RH)	0~95%					
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)					
	Maintenance	Front Side					
	Working Voltage	AC110 / AC 220V 10% 47~63Hz					
	Power consumption/m^2	Max:600W/㎡ ; Ave:250W/㎡					
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)					

Sphere LED Display Installation Method：
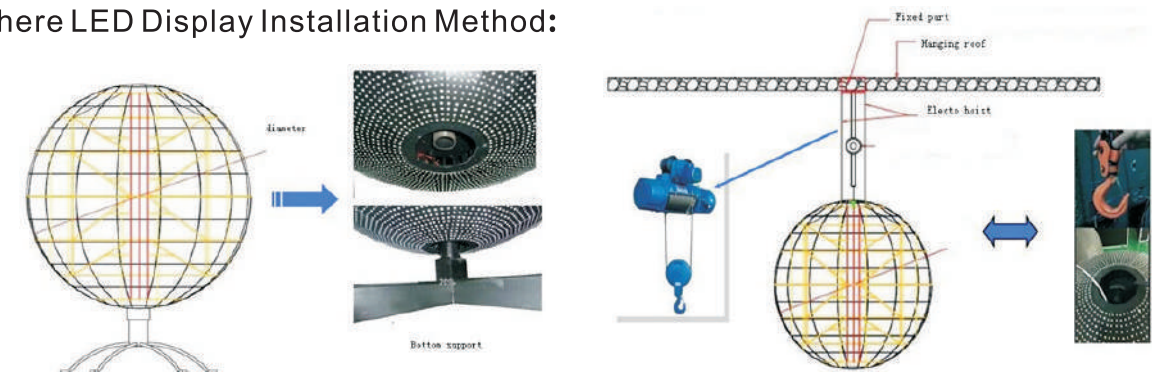
DUAL MAINTENANCE LED DISPLAY OF DL SERIES

- Convenient maintenance: Both front and rear maintenance available;
- Easy maintenance: No screws between LED module and cabinet, it only takes a few seconds to disassemble;
- Space saving: For installation site limiting backside space,this dual maintenance is a perfect option;
- Widely used as mounted on building LED display.

13.824m² OF-10DL in Denmark

13.824m² of-10dl in Denmark

12.58m² OF-16DL in serbia

124.4m² OF-13.33DL in Thailand

| COMMERCIAL-OF DL		OF-4.8DL	OF-5.95DL	OF-6.67	OF-8DL	OF-10DL	OF-16DL
LED Module	Pixel pitch(mm)	4.8	5.95	6.67	8	10	20
	Pixel configuration	SMD2727			SMD3535		
	Module resolution(dots)	52*52	42*42	48*48	40*40	32*32	20*20
	Module size(mm)	250×250		320*320			
LED Cabinet	Cabinet size(mm)	500×500		640*640		960*960	
	Cabinet resolution(dots)	104*104	84*84	96*96	80*80	96*96	60*60
	Cabinet weight(kg)	50/42					
	Cabinet material	Steel/Aluminum					
LED DISPLAY	Pixel density (pixel/m²)	43403	28247	22478	15625	1000	3906
	Brightness (cd/m²)	8000(adjustable)					
	Brightness adjusted	256 grade by sofware or by Auto-optic induced					
	View angle	140°/140°					
	Best viewing distance(m)	4	5	7	8	10	14
	Communi cation distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)					
	Display work method	1/13Scan	1/7Scan	1/6 Scan	1/3 Scan	1/2Scan	Static
	LED driving method	Constant driving current					
	Color contrast ratio	3000:1					
	Gray grade	16bit					
	Display Color	439,804,651,110					
	Refresh Frequency(Hz)	600~2000					
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control					
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)					
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10					
	Front/Rear IP Level	IP65					
	Working temperature(°C)	-20~+40					
	Stored temperature(°C)	-40~+80					
	Operation humidity(RH)	0~95%					
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)					
	Maintenance	Rear Side					
	Working Voltage	AC110 / AC 220V 10% 47~63Hz					
	Power consumption/m²	480/200- 780/280					
	Out of controlled dot	≤3/10,000					

STRUCTURE DIAGRAM

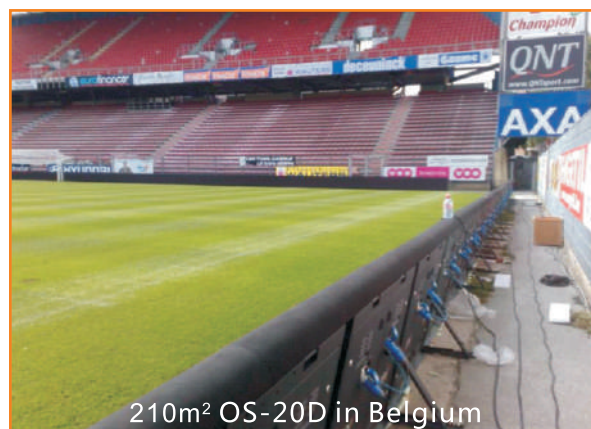*Specification subjected to change without prior notice.

STADIUM LED DISPLAY OS SERIES

- Soft module mask: To protect players from being hurt when hit on the perimeter LED screens;
- Soft pillow: To protect players from being hurt when crash into the sport LED screen;
- Adjustable back brackets: To adjust screens lean angle for wider viewing angle,outreaching advertising to more audience;
- High refresh rate frequency: Flick free display effect for live broadcast;
- Dual computer control system: Backup computer control system to ensure stadium LED display working well even when one computer signal off.
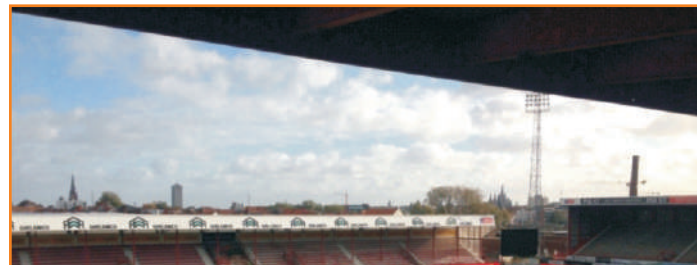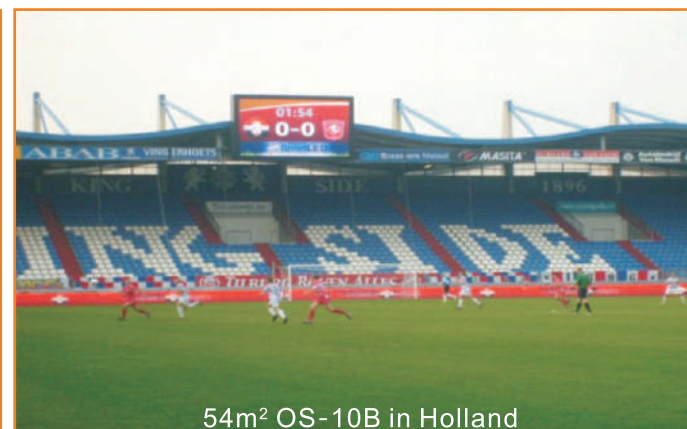
210.12m² OS-16D in Belgium

210.12m² OS-16D in Belgium

210m² OS-20D in Belgium

54m² OS-10B in Holland

STADIUM-OS SERIES		OS-8S	OS-10S	OS-10D	OS-16D	OS-20D
LED Module	Pixel pitch(mm)	8	10	10	16	20
	Pixel configuration	SMD3535	SMD3535	DIP346	DIP346	DIP346
	Module resolution(dots)	32*16	32*16	16*16	16*16	16*8
	Module size(mm)	256*128	320*160	160*160	256*256	320*160
LED Cabinet	Cabinet size(mm)	1024*768	960*960	960*960	1024*768	1280*960
	Cabinet resolution(dots)	128*96	96*96	96*96	64*48	64*48
	Cabinet weight(kg)	50/42				
	Cabinet material	Steel/Aluminum				
LED DISPLAY	Pixel density (pixel/m²)	15625	10000	10000	3906	2500
	Brightness (cd/m²)	6500		≥8000		
	Brightness adjusted	256 grade by software or by Auto-optic induced				
	View angle	140°/140°		110°/70°		
	Best viewing distance(m)	8	10	10	16	20
	Communication distance(m)	<100meter by Internet Cable(without Relay;Multi mode fiber cable<500m;single mode fiber cable<20km)				
	Display work method	1/4 Scan		1/4 Scan	Static	
	LED driving method	Constant driving current				
	Color contrast ratio	3000:1				
	Gray grade	16bit				
	Display Color	439,804,651,110				
	Refresh Frequency(Hz)	>2400				
	Picture display method	Intellective control technology,test-itself technology,correct technology,Synchronization control				
	Input signal	DVI(S-VIDEO,CVBS,DP,HKMI,VGA,PAL/NTSC,ETC.BY VIDEO PROCRSSOR CONVERTING)				
	System operating	WINDOWSXP,WINDOWS7,WINDOWD8,WINDOWS10				
	Front/Rear IP Level	IP65				
	Working temperature(ºC)	-20~+40				
	Stored temperature(ºC)	-40~+80				
	Operation humidity(RH)	0~95%				
	Display Lifetime(hours)	10 years or more(natural environment);100000 hours(ideal environment)				
	Maintenance	Rear Side				
	Working Voltage	AC110 / AC 220V 10% 47~63Hz				
	Power consumption/m²	480/200- 780/280				
	Out of controlled dot	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)				

STRUCTURE DIAGRAM

*Specification subjected to change without prior notice.

Poland

Italy

★ Shenzhen

● Thailand

● Malaysia

● United States

YUCHIP outdoor and indoor LED display, fixed and movable rental LED displays were installed in over 80 countries around the world and more are coming…

YUCHIP have set up distributor relationship in USA, Italy, Thailand, Poland and Malaysia, and we are seeking for qualified partners joining us…

Partners Globally :

USA
Contact: Mr Mohamood Razack
Tel : 001-6144192820
Fax: 001-6144192820
Address: 1000 C Taylor Station
Rd, Gahanna Ohio 43230

Malaysia
Contact: Mr Pakaun Lai
Tel: 0060-167733890
Fax: 00607-5113890
Address: 143, Jalan NB2 2/4,
Taman Nusa Bestari 2, 81300
Skudai, Johor,Malaysia

Thailand
Contact: Ms Nichakan Yawichai
Tel: 0066-2-7287344
Fax: 0066-2-3737430
Address: 12/271 SOI Ramkhamhaeng
120,Ramkhamhaeng Road Saphan Sung
District,Bangkok 10240

Italy
Contact: Mr Salvatore Lelario
Tel : 0039-3475044869
Fax: 0039-3475044869
Address: Via Della Pineta
19,85100 Potenza, Italy