

Transparent
LED
Display
YIPLD

All-in-one
LED
Display
XMOZU

LED
Control
System
YDEAinside

Product Model Catalog

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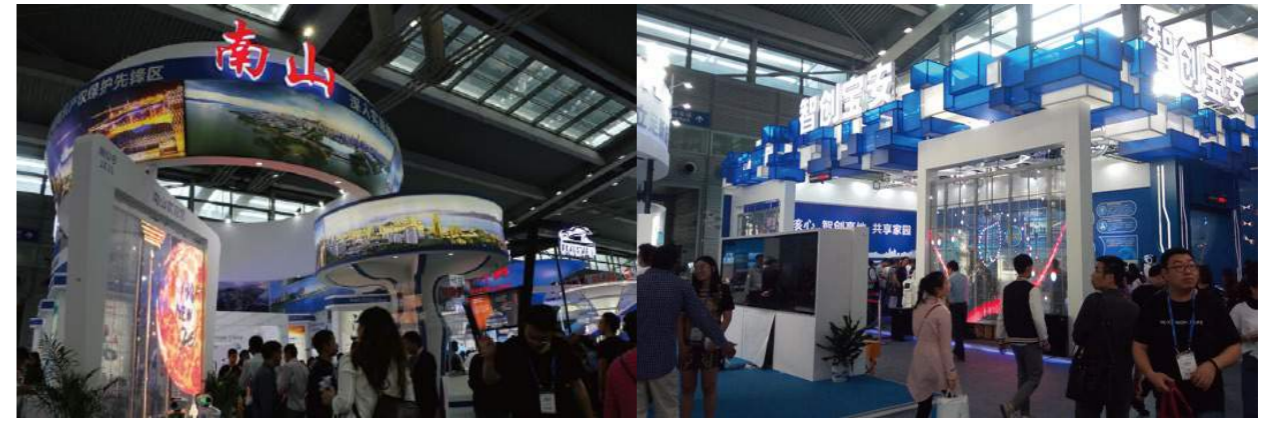
云智科技
YDEACHN.COM



Typical Case



1. CCTV Exploring Program "National Treasure"
2. The 3rd Silk Road International Film Festival
3. CCTV "AI show"
4. The 26th Golden Rooster and Hundred Flowers Film Festival



Typical Case



1. Acura Northern America Launch Conference
2. Guangzhou Automobile 4S Car Experience Store
3. Asia retail giant-AEON group
4. Rainbow 2.0 Unmanned Convenience Store
5. Guangzhou International Auto Show 90% professional exhibitors choose YIPLD

Typical Case



1. Nanshan district, Baoan district, Shenzhen Technology Invention Bureau high praised YIPLD
2. Recognized by Intellectual Property Bureau
3. Favorite of Shenzhen Cultural Industries Fair
4. Highly recommended in Qinghai Trade Negotiation Meeting
5. YIPLD 3 consecutive years contributes to China HI-TECH Fair



Typical Case

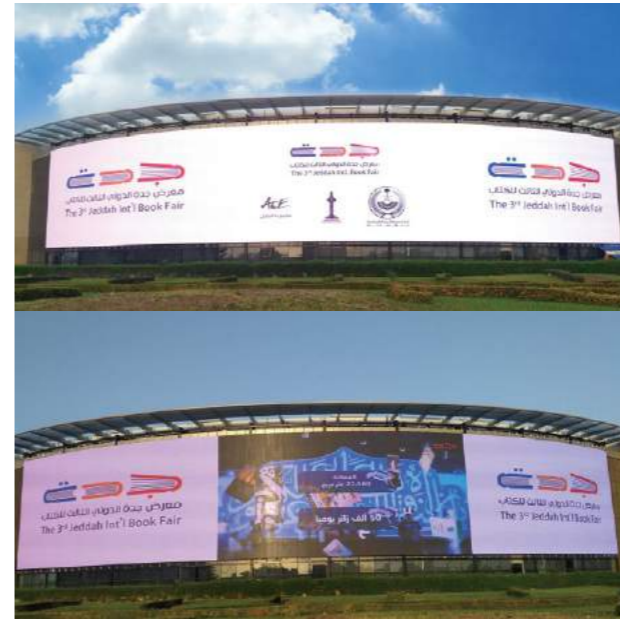
1
2 3
4 5

1. Faye Wong "Faye's Moments" Live Concert
2. A Mei "Utopia 2.0 Carnival" World Tour
3. Sandy Lam "PRANVA" Concert Tour
4. Zhou Bichang "Not Typical" Concert Tour
5. Christine Fan "on the road to happiness" Concert Tour

Typical Case

1	2
3	4
5	6

1. France Grenoble Patinoire Hockey Arena - LED Screen
2. Russian National Circus Theatre
3. Netherlands Front Maintenance All-in-one LED display
4. UCI Mountain Bike World Cup 2017
5. Netherland MOBILE LIVE Outdoor Wall-mounted LED Display
6. Jinzhan International Jewelry Plaza LED Display



Typical Case

1 2
3 4

1. Brazil World Cup Petal Screen
2. Nanjing Youth Olympic Games Curtain Screen
3. The Milan World Expo Ears of Wheat Screen

4. Moscow Delta Mansion 2450m² LED Screen

Typical Case

1 2
3 4

1. Saudi Arabia Jeddah Star-Avenue-Mall
Giant LED Screen
2. The First LED Sky Dome in Central Plains

3. Hebei Radio Film and Television 1200m² Screen
4. 5.The Asia Biggest Curtain Screen



Company Profile

YDEA integrates R&D, manufacturing, sales and service as a whole and commits to providing the best LED package solution and cloud technology service platform.

The “Smart LED Transparent Screen” and XMOZU series All-in-One LED display created by us are world’s leading and we provide package solutions in LED display industry. We have created a new commercial display media market!

Our team established in 2006, after more than 10 years of rapid development, we have over 100 market developing team members, more than 30 senior R&D team members, all the core R&D members have more than 10 years experience in LED display industry.

YDEA is a national high-tech enterprise and double-software enterprise. Our products have been successfully applied to The Opening Ceremony of Brazil World Cup, Nanjing Youth Olympic Games, Milan World Expo, “Beijing 8 minutes” of Pyeongchang Winter Olympic games, Beijing Olympic Games etc significant projects.

Multiple Patents And Qualifications

ISO 9001	National High-tech Enterprise	Software Company Certificate	Top 10 LED Display Peripheral Equipment	Top 10 Rental LED Display Brand
Invention Patent	Appearance Patent	Practical New-type Patent	Software Copyright	PCT(International)
9	9	16	11	1
32 Certifications				

Typical Case

- 1
- 2
- 3
- 4

1. Philippines National Stadium Micro Curtain Screen
2. Cambodia Phnom Penh P10 Micro Curtain Screen
3. Beijing Yingchuang Space Building Micro Curtain Screen
4. Chongqing Sheraton Telescopic LED Screen

R&D Team

Over 100 market developing team members; more than 30 R&D team members.
Core R&D members have more than 10 years experience in LED display industry.

R&D Experience

Core R&D members have successfully contributed to research and development of many major LED display projects such as the closing ceremony of "Beijing eight minutes" in Pyeongchang Winter Olympics Games, Beijing Olympic Games, Brazil Football World Cup, Nanjing Youth Olympic Games, Milan World Expo etc .



Manufacturing

Shenzhen manufacturing base is located in Tangtou Third Industrial Park, covering an area of 3000m². The manufacturing base integrates the five functions of R&D, manufacturing, assembly, fittings and maintenance into one and builds a complete industrial supply chain system. The manufacturing base was established at the end of 2010, from the manufacture of LED control systems to LED transparent screens, to meet diversified market demands with a rich product line, to provide customers with advanced, high-quality, reliable display products and services.

Quality Management

Strictly implementing ISO9000 quality management system and ISO14000 environmental management system, established strict and comprehensive product review system, raw material inspection system, process inspection system, product traceability and service system. equipped with professional testing, aging and reliability test equipment, control this failure rate of the product within 5 part per million.

Technological Process

- Our factory owns the most advanced automated professional production line, equipped with advanced ERP enterprise management system
- SMT automatic assembly line
- Automatic potting machine
- Three-dimensional aging line



Production Facility



Automatic SMT Machine



Automatic Screw Machine



Automatic Potting Machine



Thermal Reflow



Automatic Wave Soldering

Testing Equipment



High Temperature Test Chamber



DC Stabilized Power Supply



Pressure Tester



Marble Platform



Simulation Of Transportation Shaking Tester



Light Intensity Tester



Power Tester



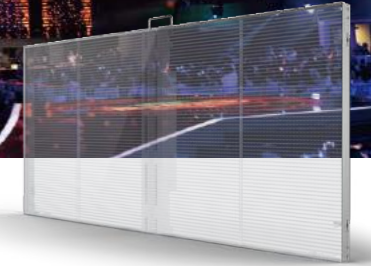
Digital Oscilloscope

Transparent
LED
Display

YIPLD®

Ice Screen Series

LED Transparent Screen with Side Emitting Technology



Transparent LED rental screen is a new type of LED display with features like transparent display, easy to install and disassemble, smart control etc. A totally new, irreplaceable, creative application effect can be realized by using transparent led screen in concert, TV station's party & large entertainment program, auto show & high-end exhibition, and large-scale new product launch conference etc.



Best Glass Advertising Solution!

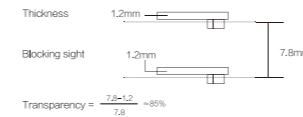
Only specializes in transparent LED display Where Transparent Happens!

Why Side Light-Emitting Technical

Higher Transparency

85% Transparency

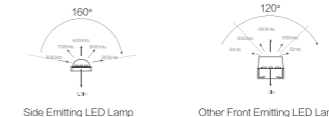
YIPLD Ice Screen making many special stage effect possible: three-dimensional stage, images look like appearing in the sky directly etc.



Wider Viewing Angle

viewing angle 160°

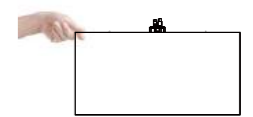
YIPLD Ice Screen delivers awe-inspiring picture quality across the entire screen, even from wide viewing angles.



Easy Installation

Slim and light

Light, UP to 17 Kg/m²; Thin, UP to 38 mm; the YIPLD Ice Screen is unbelievably lightweight and thin.



More Reliable and Durable

No stress on LED lamp

YIPLD Side-Emitting, born for rental, no lamp damages even after frequent installation and uninstallation.



Easy Maintain

All-in-One Design

Integration of control system and power supply into one module, easy and fast installation, uninstallation and maintenance.




Follow us @Yipldscreen



YIPLD®

Ice Screen Series

LED Transparent Screen with Side Emitting Technology



Screen Size

1000 × 500, 500 × 500

Ice Screen Series

- Transparency: 85%
- Brightness : 1200cd/m² , 2500cd/m²
- Depth: 38mm
- Viewing Angle: 160°

Application Scenarios

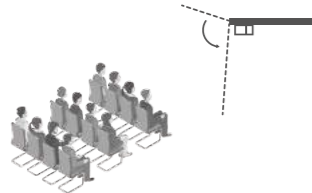
Stage rental business

Light Penetrate	SMD Ideal for Stage Viewing Angle	8 Pin Vibration-proof Port	SMD on surface of the bar -avoid lamps being knocked off	Modularized Power Supply	Different batches can be mixed to use	160° Wide Viewing Angle	System Stable

Key Features

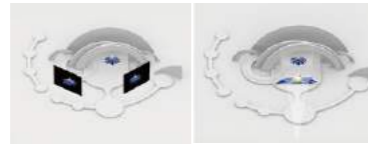
Side Emitting

Stage look up viewing angle is better without blocking by lamp strip.



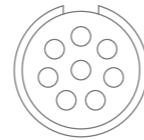
Light Penetrate

Light can penetrate without affecting stage lighting effect.



8 Pin Vibration-Proof Port

No screen flash affected by audio vibration.



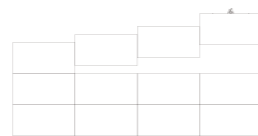
Avoid Knocked off

SMD on surface of the bar - avoid the led lamps being knocked off.



Different batches can be mixed to use

Different batches, not too much visual difference, can be put around the main screen.



System Stable

Main controller has good compatibility, on-site system is stable.



Die casting aluminum structure

Die casting aluminum structure will not be deformed even after frequent installation and uninstillation.



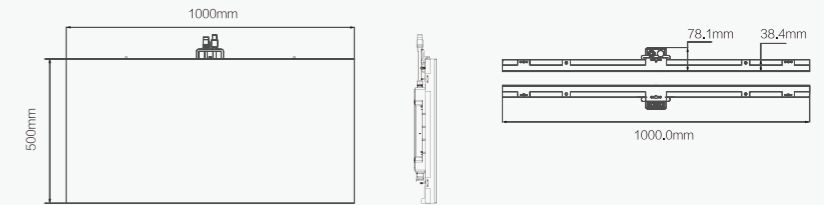
160° Wide Viewing Angle

Wide viewing angle, small brightness consumption within 160° angle.

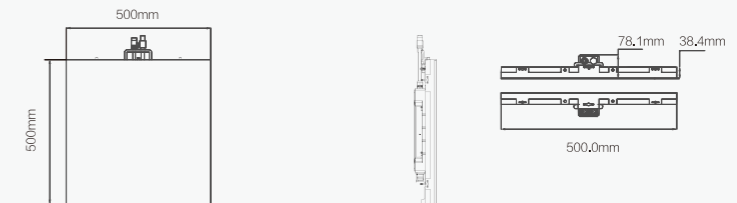


Dimensions (unit : mm)

1000 × 500 × 78 /
8.5 Kg

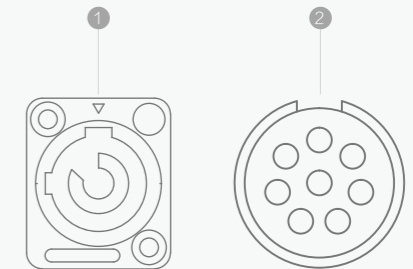


500 × 500 × 78 /
5 Kg



Connectivity

- 1 POWER
- 2 LAN



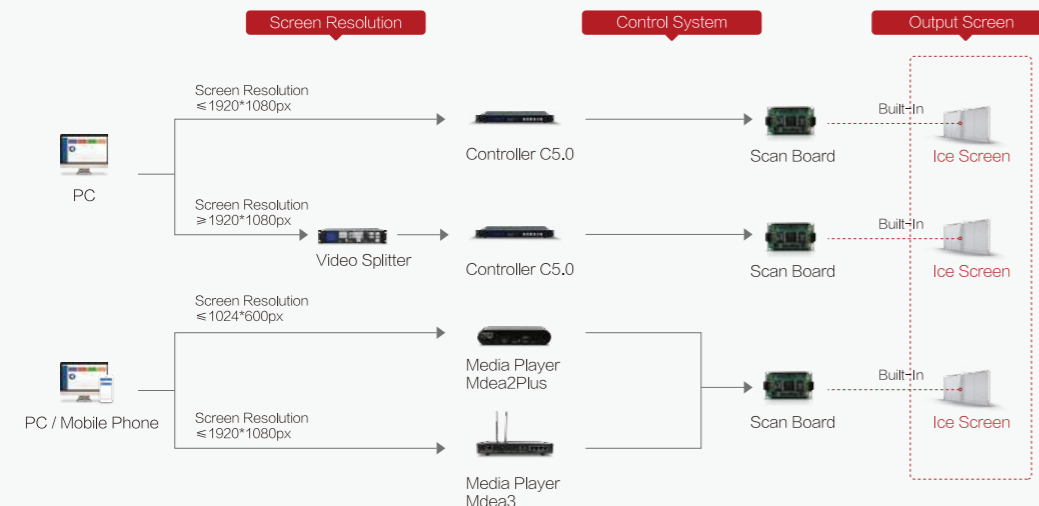
2 Types of Installation



Specifications

Size (mm)	1000X 500						500X 500					
	I3		I7		I10		I3		I7		I10	
Model	-A,-E	-B,-F	-A,-E	-B,-F	-A,-E	-B,-F	-C	-D	-C	-D	-C	-D
Pixel Pitch (mm)	3.9 x 7.8		7.8 x 7.8		10.4 x 10.4		3.9 x 7.8		7.8 x 7.8		10.4 x 10.4	
Pixel Density (dot/m ²)	32768		16384		9216		32768		16384		9216	
Module Resolution (dot)	256 X 64		128 X 64		96 X 48		128 X 64		64 X 64		48 X 48	
LED Type	SMD 3 in 1		SMD 3 in 1		SMD 3 in 1		SMD 3 in 1		SMD 3 in 1		SMD 3 in 1	
Brightness (cd/m ²)	1200	2500	1200	2500	1200	2500	1200	2500	1200	2500	1200	2500
Transparency	85%		85%		87%		82%		85%		87%	
Viewing Angle	160		160		160		160		160		160	
Grey Level	14bits		14bits		14bits		14bits		14bits		14bits	
Scan Mode	1/4		1/4		1/2		1/4		1/4		1/2	
Refresh Rate (Hz)	3840		3840		3840		3840		3840		3840	
Frame Frequency (Hz)	60		60		60		60		60		60	
Avg.Power Consumption(W/ m ²)	120		120		120		120		120		120	
Max.Power Consumption(W/ m ²)	400		400		400		400		400		400	
Maintenance	Back		Back		Back		Back		Back		Back	
IP	IP42		IP42		IP42		IP42		IP42		IP42	
Working Temp	-20~50°C		-20~50°C		-20~50°C		-20~50°C		-20~50°C		-20~50°C	
Weight (kg/ m ²)	17		17		17		20		20		20	

System topology



Jade Screen Series

Create a more Valuable Urban Advertising Media



Very see-through, without any change of architectural appearance and transparency of glass wall, create the open view in large space indoors, and make advertising emerge into architecture and life.



Key Features

85% Transparency

Very see-through, without any change of architectural appearance and transparency of glass wall, make ad emerge into building and life.



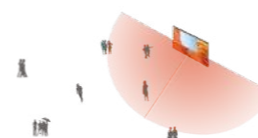
Smart control

Smart control by mobile APP, wireless data transmission, screen+ data cloud + APP, WIFI connection.



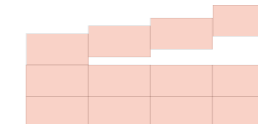
Wider advertising Scope | viewing angle 160°

YIPLD Ice Screen delivers awe-inspiring picture quality across the entire screen, even from wide viewing angles.



Modularized | DIY design

Any size screen combination flexible, no steel structure, no complicated installation, easy and convenient.



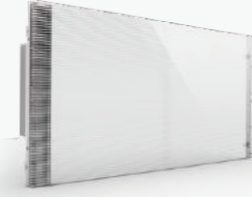
High brightness | 5000cd / m²

still visible clearly under strong light.



Jade Screen Series

Create a more Valuable Urban Advertising Media



Screen Size


1000 × 500, 500 × 500

Jade Screen Series


- Transparency: 85%
- Brightness : 5000cd/m²
- Depth: 21mm
- Viewing Angle: 160°

Application Scenarios


Glass wall, large indoor space




Modularized



160° Wide Viewing Angle



Simple Colorful

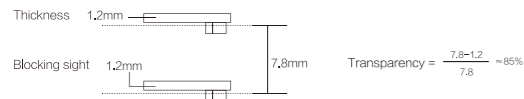


New Configuration

Other Features

Super(or ultra) transparent

More than 85% transparency, the highest transparency in led screen industry.



High contrast ratio

High contrast ratio 1500:1, stunning color, dynamic image and eye-catching.



Smart

Smart control by mobile APP, wireless data transmission, screen+data cloud+APP, WIFI connection.



High refresh rate

High refresh rate: in the industry, the minimum pixel pitch (able to mass production) 3mm, 3840HZ refresh rate.



Simple

No complicated installation, No steel structure, fast positioning and fast installation, convenient and quick maintenance.



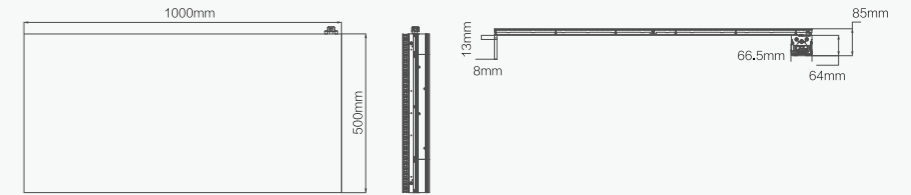
New Configuration

The shape innovation of static glass, new screen displaying, new advertising type.

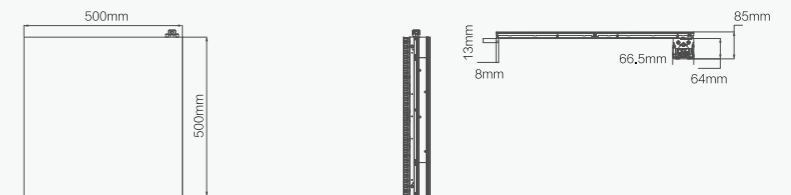


Dimensions (unit : mm)

1000 × 500 × 85 /
8.5 Kg

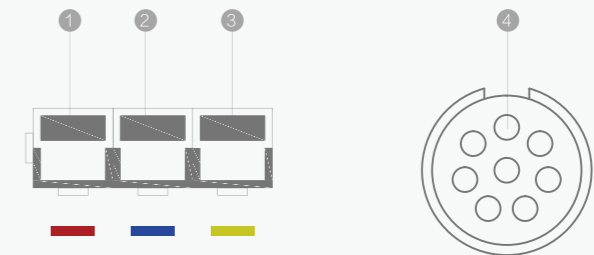


500 × 500 × 85 /
4.25 Kg

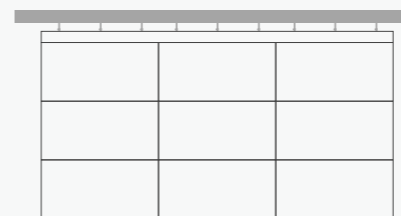


Connectivity

- ① Live wire
- ② Neutral wire
- ③ Earth wire
- ④ LAN



2 Types of Installation



Hang

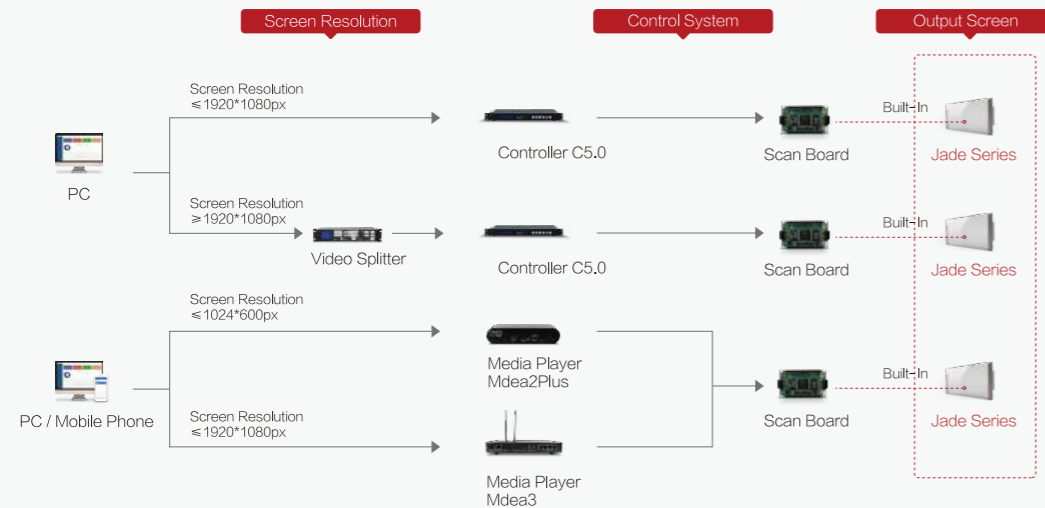


Floor stand

Specifications

Size (mm)	1000X 500				500X 500	
Model	J3		J7	J10		J3
	-A	-B	-B	-A	-B	-D
Pixel Pitch (mm)	3.9 x 7.8		7.8 x 7.8	10.4 x 10.4		3.9 x 7.8
Pixel Density (dot/m ²)	32768		16384	9216		32768
Module Resolution (dot)	256 X 64		128 X 64	96 X 48		128 X 64
LED Type	SMD 3 in 1		SMD 3 in 1	SMD 3 in 1		SMD 3 in 1
Brightness (cd/m ²)	1200	5000	5000	1200	5000	5000
Transparency	85%		85%	87%		85%
Viewing Angle	160		120	160		160
Grey Level	14bits		14bits	14bits		14bits
Scan Mode	1/4		1/2	1/2		1/4
Refresh Rate (Hz)	3840		3840	3840		3840
Frame Frequency (Hz)	60		60	60		60
Avg.Power Consumption(W/ m ²)	120	300	300	120	300	300
Max.Power Consumption(W/ m ²)	400	1000	1000	400	1000	1000
Maintenance	Back		Back	Back		Back
IP	IP42		IP42	IP42		IP42
Working Temp	-20~50°C		-20~50°C	-20~50°C		-20~50°C
Weight (kg/ m ²)	14		14	14		17

System topology



Post Screen Series

Create a more Valuable Urban Advertising Media



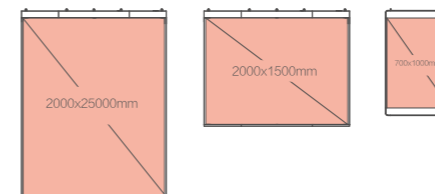
Let shop window brighter and more clear, Let customers experience the scenery outside window, and make each store capture every selling point.



Key Features

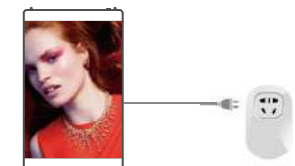
Standardization

Standard display, fixed size and display size.



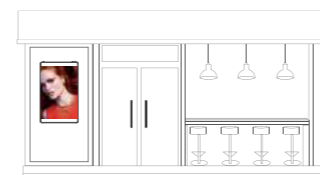
Simple

Simple control, plug and play, simple and deft style, fulfill high effective work.



Freestyle

Randomly applied to each indoor scene, flexible and varied, a truly moving advertising medium.




Process design

Arc line and metal texture, bonding craft and design beauty.



Post Screen Series

Create a more Valuable Urban Advertising Media



Screen Size


700 × 1000, 2000 × 1500, 2000 × 2500

Post Screen Series


- Transparency: 85%
- Brightness : 5000cd/m²
- Depth: 37mm
- Viewing Angle: 160°

Application Scenarios


Glass wall




Super transparent



Smart



Simple

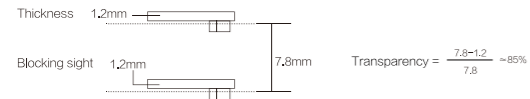


Energy saving

Other Features

Super(or ultra) transparent

More than 85% transparency, the highest transparency in led screen industry.



High contrast ratio

High contrast ratio 1500:1, stunning color, dynamic image and eye-catching.



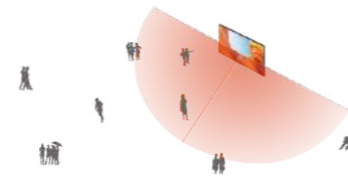
Smart

Smart control by mobile APP, wireless data transmission, screen+data cloud+APP WIFI connection.



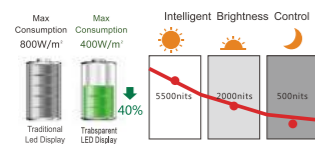
Wider advertising Scope

160° viewing angle, eye-catching and wide scope.



Energy saving

Less than 170W power consumption per square meter.



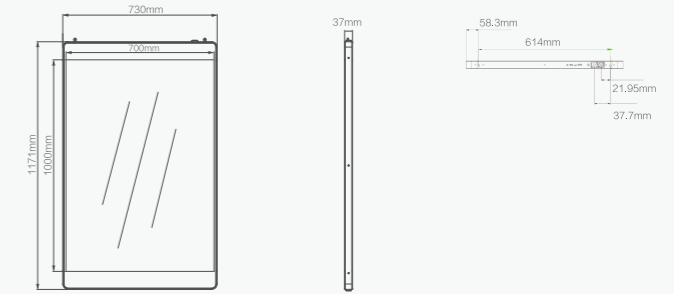
High refresh rate

High refresh rate: in the industry, the minimum pixel pitch (able to mass production) 3mm, 3840HZ refresh rate.

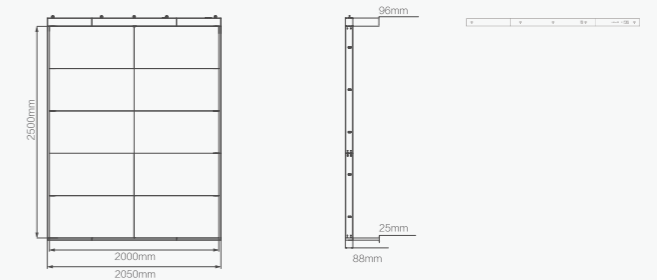


Dimensions (unit : mm)

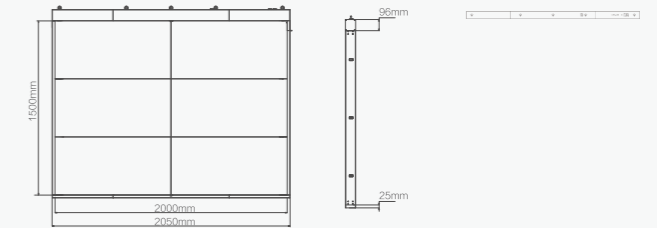
745 X 1175 X 37 /
25Kg/pc



2050X2621X88 /
120 Kg/pc

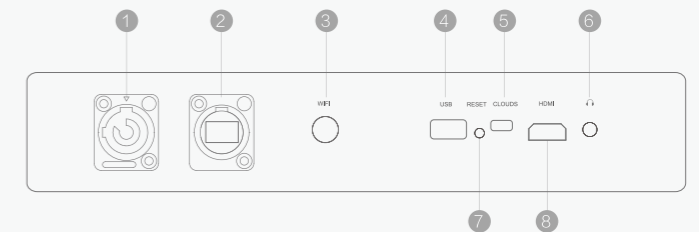


2050 X 1621 X 88 /
72 Kg/pc



Connectivity

- 1 POWER
- 2 LAN
- 3 WIFI
- 4 USB
- 5 CLOUDS
- 6 HEADSET
- 7 RESET
- 8 HDMI

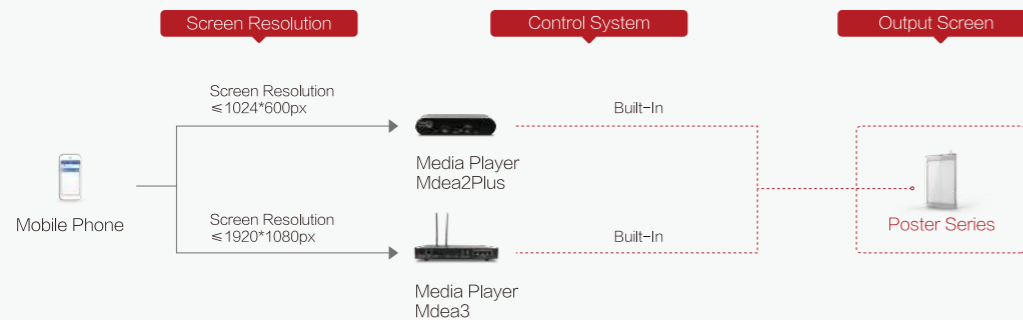


Specifications

Size (mm)	700 X 1000		2000 X 1500	2000 X 2500
Model	P2	P3	P3	P3
	-A, -E	-A, -E	-B	-C
Pixel Pitch (mm)	2.87 x 5.74	3.9 x 7.8	3.9 x 7.8	3.9 x 7.8
Pixel Density (dot/ m ²)	60552	32768	32768	32768
The overall size(mm)	745X1175X37	745X1175X37	2050X2621X88	2050X2621X88
Module Resolution (dot)	244 X 172	178 X 128	512 X 192	512 X 320
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Brightness (cd/ m ²)	3000	5000	5000	5000
Transparency	80%	82%	82%	82%
Viewing Angle	160°	160°	160°	160°
Grey Level	14bits	14bits	14bits	14bits
Scan Mode	1/6	1/4	1/4	1/4
Refresh Rate (Hz)	3840	3840	3840	3840
Frame Frequency (Hz)	60	60	60	60
Avg.Power Consumption(W/ m ²)	300	300	300	300
Max.Power Consumption(W/ m ²)	1000	1000	1000	1000
Maintenance	Back	Back	Back	Back
IP	IP42	IP42	IP42	IP42
Working Temp	-20~50°C	-20~50°C	-20~50°C	-20~50°C
Weight (kg/ pc)	25	25	72	120



System topology



All-in-One LED Display Series

I am the AIO, I am a Cloud.



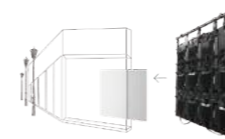
Smart, Different! a Real Sense of
Civilian LED Display!

I am the AIO: install by hand; instant use after assembly the first display without cabinet, Lamp board, receiving card, drive and power are integrated into one module.
I am a cloud: concise APP with cloud control.

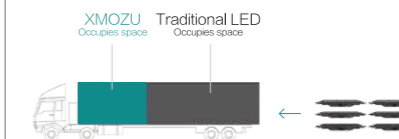


Why All-in-One Technical ?

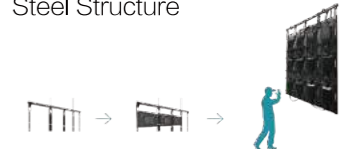
Small Space Occupied
Flexible Installation



Ultra Slim and Light Weight
Lower Freight



Simple Installation Without
Professional Construction
Engineer and Complex
Steel Structure



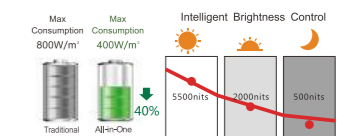
Smart Phone Control And
Easy for Users



Easy to Maintain and
Replace Without Engineer



Intelligent Power Power
Saving



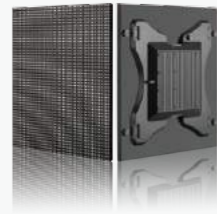
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XMOZU

All-in-One LED Display Series

I am the AIO, I am a Cloud.



Screen Size

320 × 320 × 33

Application Scenarios

Media, Retail, Rental

All-in-One LED Display Series

- Weight: 1.55 kg/Pcs
- Brightness: 5500 cd/㎡
- Depth: 33mm
- Control: Smartphone APP

Light	Thin	Brightness 5500nits	Refresh 3840 Hz	Contrast 3000:1	IP67	Consumption Low	Certificate CE

Key Features

Terminator of Traditional LED Module

33mm, 1.65kg, Minimalism.



Patent Front Maintenance Bracket

Patent Front Maintenance Bracket, 2s Quick Installation and Disassembling by Push, With Magnet-located and Mechanical lock.



Customized Waterproof Connector



200w/m2 Ave. Power Consumption

200w/m2 Ave. Power Consumption, 400w/m2 max. Power Consumption, 40% Saving Compared with Traditional LED Display.



IP 67 Waterproof and Dust Resistance

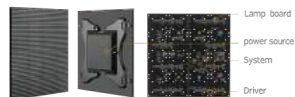
IP67 Waterproof and Dust Resistance, Supports Outdoor 60°C Working Circumstances.



Smart Phone APP Control Via WIFI



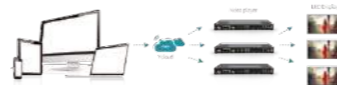
Power supply, LED lamp, receiving card, driving IC, 4- in-1 LED display.



Data and Power Cables Integrated into One

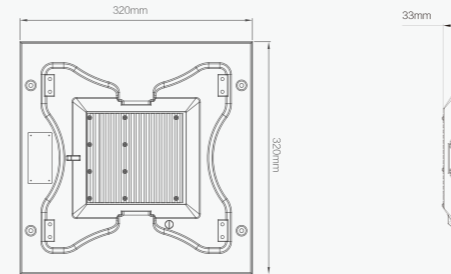


Cloud Cluster Management Enables Smart Phone, Pad, PC to Monitor LED Display Group Remotely.



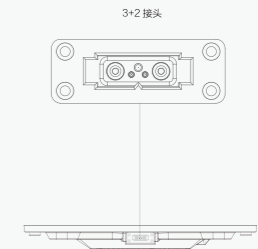
Dimensions (unit : mm)

320 × 320 × 33 / 1.55 Kg



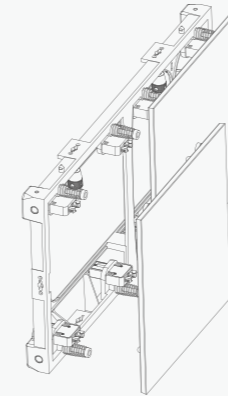
Connectivity

All-in-One LED Display

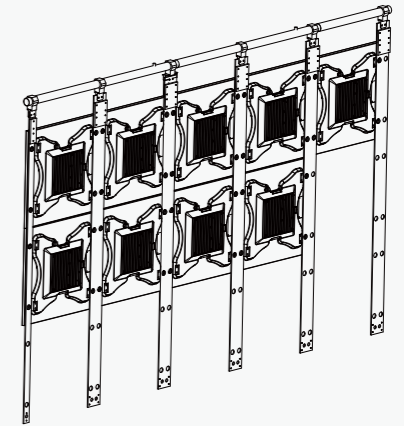


3 Types of Installation

Front Maintenance



Hang



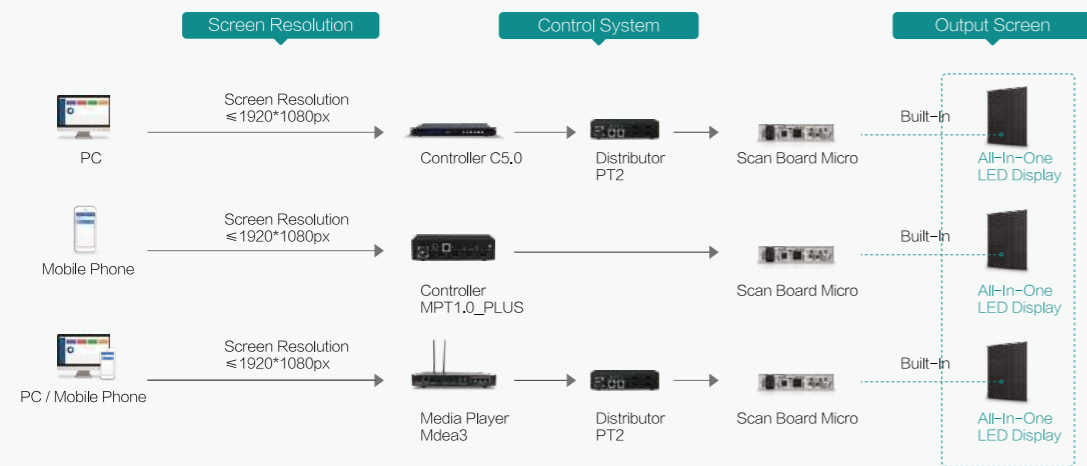
Fixed Installation



Specifications

Size (mm)	X Series		I Series	
	X4	X6	I4	I6
Model	-I	-O	-O	-O
Pixel pitch (mm)	4	6.66	4	6.66
Pixel density (dot)	6400	2304	6400	2304
Module size (mm)	320 × 320 × 33	320 × 320 × 33	320 × 320 × 33	320 × 320 × 33
Module pixel (dot)	80 × 80	48 × 48	80 × 80	48 × 48
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED encapsulation	SMD2121	SMD1921	SMD2727	SMD1921
Brightness (nits)	≥1200 / ≥5000	≥5500	≥5000	≥4500
Luminous efficiency (%)	≥93%	≥82%	≥93%	≥82%
Viewing Angle (degrees)	120°	120°	120°	120°
Contrast ratio	5000:1 / 3000:1	3000:1	3000:1	3000:1
Gray level (bit)	14	14	14	14
Scanning mode	1/16	1/6	1/16	1/6
Refresh frequency (Hz)	3840	3840	3840	3840
Repetition frequency (Hz)	60	60	60	60
Maintenance mode	Front/ Back maintenance	Front/ Back maintenance	Front/ Back maintenance	Front/ Back maintenance
Control mode	Synchronous and asynchronous control	Synchronous and asynchronous control	Synchronous and asynchronous control	Synchronous and asynchronous control
Splicing module	1*1, 1*2, 1*3	1*1, 1*2, 1*3	1*1, 1*2, 1*3	1*1, 1*2, 1*3
Ingress Protection	IP42	IP67	IP65	IP67
Working voltage (VAC)	100/240	100/240	100/240	100/240
Max consumption (W)	60	60	60	60
Working environment (degree C)	-30~55	-30~55	-30~55	-30~55
Module Weight (Kg)	1.65	1.55	1.65	1.55

System topology



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R8-i Flexible Screen Series

8.33mm pixel pitch, indoor Bendable LED Display



R8-i Flexible Screen is a Flexible, lightweight, ultra-thin LED technology. Weighing less than 11.5kg/m² and only 26mm thick, the R8-i flexible screen is much easier to install. As there's no need for supporting structures the R series can be glued onto a surface. The innovative R-series design ensures smooth and quick installation for fast setup time and reduced cost.



Key Features

Flexible

Flexible and fast installation



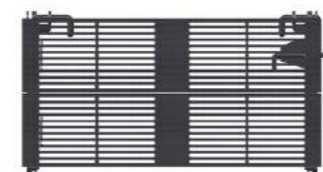
Transparency

Penetration rate reaches more than 50%, making stage more magical



Simple

Simple structure, fast installation and single-person operation



Light

Ultra-light 11.5kg/sqm

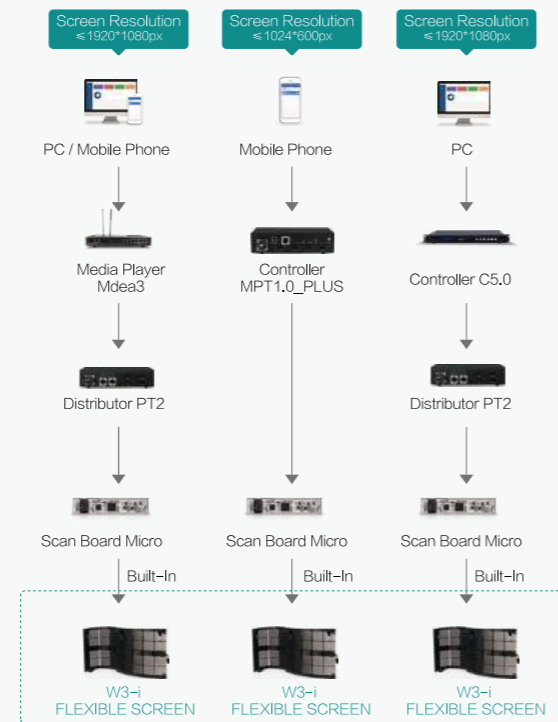


XMOZU

Specifications

Model	R8
	→
Pixel pitch (mm)	8.33
Pixel Density (dot/sqm)	14400
Pixel/Tile	48 × 120
LED Configuration	White SMD 3in1
Max Brightness (nits)	1200 (SMD2121)
Luminous efficiency (%)	78%
Contrast ratio	3000:1
Viewing Angle (degrees)	140° /140°
Transparency (%)	50.5%
Tile Dimension (mm)	W400 x H1000 x D26 15.7" x 39.4" x 1"
Tile Area (m ²)	0.4
Tile Weight (kg/1b)	3.68/8.11
Max Hanging (pcs/m)	15
Ingress Protection	IP42
Gray level (bit)	14
Scanning mode	1/8
Refresh frequency (Hz)	2880
Max consumption (W)	150
Lifetime (hours)	50000
Operating Temp (degree C) /Humidity (RH)	-20-55, 10-90%
Storage Temp (degree C) /Humidity (RH)	-40-60, 10-90%

System topology



W3-i LED Poster Series 3.6mm pixel pitch, indoor Smart LED Display

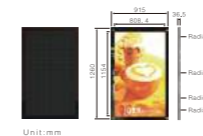


Large display area; High brightness; Stunning visual performance; Various solutions for indoor; Ultra-light & slim design without cabinet; Reduce installation and maintenance cost; APP smart control, support remote cluster control.



Key Features

Front: LED full color display;
Resolution:224x320;
Pixel pitch: P3.6mm
Brightness:5000cd/sqm



Wide Range Voltage Input:
AC100V - 240V
Max.
Power Consumption: 720W



Support WIFI smart control & 4G
Cluster control;
Power off the screen on APP for
more energy saving;



With functions of brightness
automatically adjustment,
face recognition, stereo radio;
and auto radiator fan;



Thickness: 36.5mm
Front: 3mm
Glass Rear:
3mm high transparent acrylic

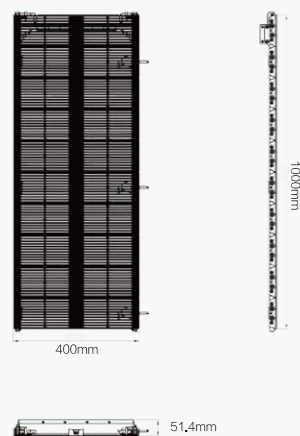


Installation: Hanging; Standing;
Fixed on the wall

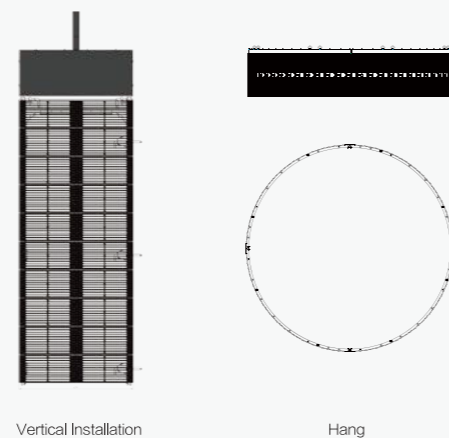


Dimensions (unit : mm)

R8+ Flexible Display



Types of Installation

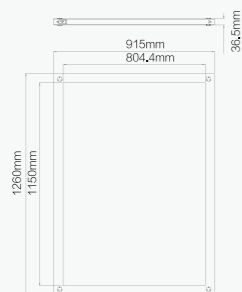


Specifications

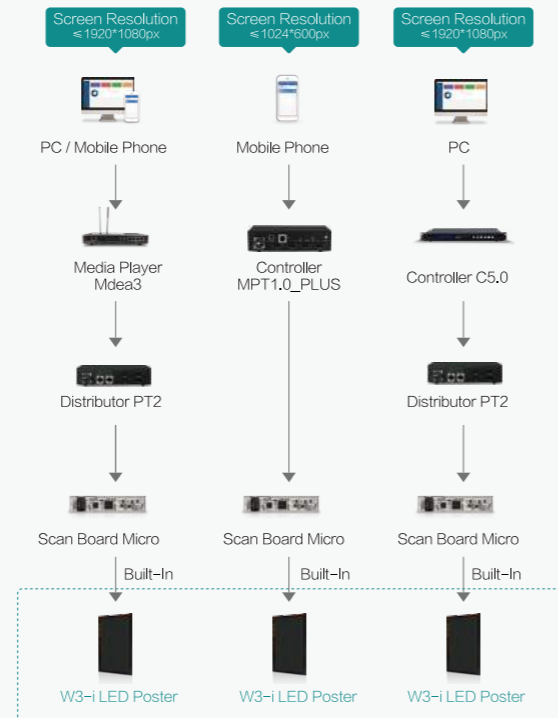
Model	W3
Pixel Pitch (mm)	3.6
Pixel Density (dot/sqm)	71680
Display Size (mm)	808,4*1154
Screen Resolution (dot)	224 x 320
Pixel Configuration	1R1G1B
LED Model	SMD1921
Brightness (cd/ m ²)	≥5000
Luminous Efficiency	≥78.6%
Viewing Angle	120°
Contrast Ratio	5000:1
Grey Level (bits)	14
Scan Mode	1/16
Refresh Rate (Hz)	1920
Frame Frequency (Hz)	60
Maintenance	Back Maintenance
Installation	Hanging, Standing
Signalling Mode	WIFI, 4G
Camera	YES
Radio	Stereo
Light Sensor	YES
IP	IP41
Working Voltage	AC100-240V
Max. Power Consumption (W)	720
Working Temperature (°C)	-30-55
Rear Poster Size (mm)	808.4 X 1154
Weight (kg/pcs)	35

Dimensions (unit : mm)

R8 Flexible Display



System topology



LED Wall Mounted TV Series

4mm pixel pitch, indoor Smart LED Display

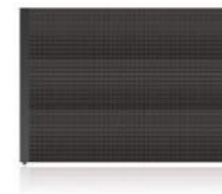


LED WALL mounted TV, with simple as the design standard, subtractive design as the principle and with the features of true color, high efficiency & energy - saving, wider vision angle and super long lifetime and etc, is a LED self-luminant TV developed by XMOZU Display the core technology of LED All-in-One.



Key Features

All-in-One, only one cable to connect with display.



Super thin and high bright-ness, colorful and attractive.



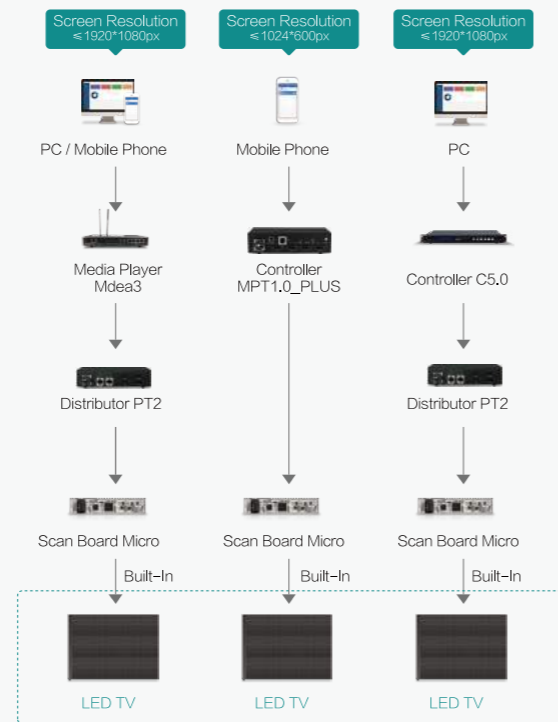
Convenient installation, fix the installation board, mount and play.



Specifications

Model	XMOZU LED TV
Pixel pitch (mm)	4
Pixel density (dot)	76800
Module size (mm)	1280 × 960 × 40
Module pixel (dot)	320 × 240
Color primaries on pixel	1R1G1B
LED encapsulation	SMD2121
Brightness (CD/㎡)	≥ 1200
Luminous efficiency	≥ 93%
Visual angle	120°
Contrast ratio	5000:1
Gray ratio (bit)	14
Scanning mode	1/16
Refresh frequency(Hz)	3840
Frame frequency(Hz)	60
Maintenance mode	Back maintenance
Controlled mode	Synchronous & asynchronous control
Installation	Wall mounted
Protection level	IP42
Max voltage (VAC)	100/240
Max consumption(W)	720
Working condition (°C)	-30-55
Weight(Kg/Pcs)	24.8

System topology



Accessories

FPT1



FPT1 is an integrated LED display solution including media message play, signal distribution management and power distribution controlling etc.

Compared to traditional external device with several single functions, FPT1 is conciser and more humanized.

Product type	FPT1
HDMI output	1, support ≥ HDMI1.3 (1280*720/60hz)
USB	2, connect keyboard ,U disk and mouse
Audio output	1,3.5mm audio interface
WIFI	support 802.11b/g/n model
Cascading signal output	1,output port (NE8FDV)
Power and signal output	4(3+2 flat socket)
Bilateral backup	✓
Light SENSER	✓
Memory card	Micro SD
Capacity	32G
Transmission mode	Up to down ,left to right
Transmission distance	100M
Compatibility	Micro system
Input power	AC100-240V
Consumption	10W
Humidity	5% ~ 95%
Temperature	-30°C ~ 70°C
Size	221.45mm(L)*187.55mm(W)*46.5mm(H)

PT2



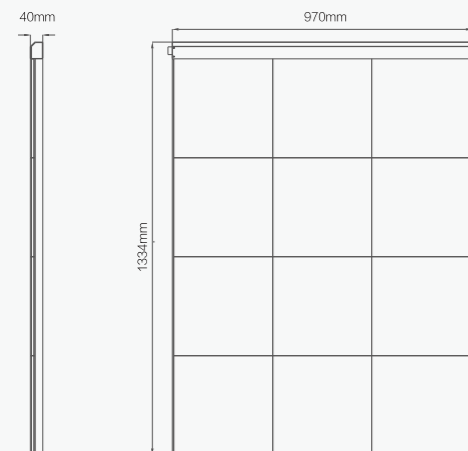
PT2 is an integrated LED display solution including signal distribution management and power distribution controlling etc.

Compared with traditional external device with several single functions, PT2 is conciser and more humanized.

Product type	PT2
Cascading signal input	1, input port (NE8FDV)
Cascading signal output	1, output port (NE8FDV)
Power and signal output	4(3+2 flat socket)
Multiple devices splicing	✓
Bilateral backup	✓
Transmission mode	Up to down, down to up
Transmission distance	100 meters
Compatibility	Micro system
Input power	AC100-240V
Consumption	35W
Humidity	5% ~ 95%
Temperature	-30°C ~ 70°C
Size	Length 288,46 × width 162 × height 75,5(mm)

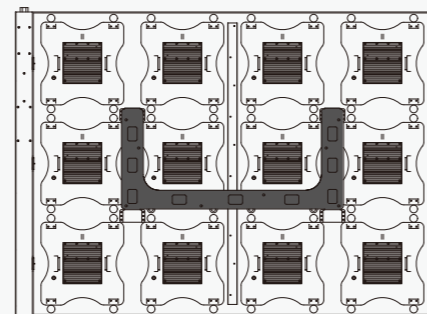
Dimensions (unit : mm)

1280 × 960 × 40 / 24.8 Kg



Types of Installation

Hang



MPT1.0_PLUS



MPT1.0_PLUS is an integrated LED display solution including media message play, signal distribution management and power distribution controlling etc.

Compared with traditional external device with several single functions, MPT1.0_PLUS is conciser and more humanized.

Product type	MPT1.0_PLUS
Output	1, Support>= HDMI1.3(1024*600/60hz)
USB	2, connect mouse,keyboard and U disk
Audio output	1, 3.5 audio interface
WIFI	Support 802.11b/g/n
Cascading signal output	1,output port (NE8FDV)
Power and signal output	4(3+2 flat socket)
Bilateral backup	✓
Light sensor	✓
Storage Card	Micro SD card
GB	8G
Transmission mode	Up to down, down to up
Transmission distance	100 meters
Compatibility	Micro system
Input power	AC100-240V
Consumption	40W
humidity	5% ~ 95%
Temperature	-30℃ ~ 70℃
Size	length 288.5 × width 162 × height 75.5(mm)

LED
Control
System

YDEA *inside*

Micro System

Micro card, big accomplishment.

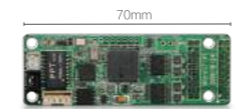


The world's first miniature LED receiving card created a Micro curtain screen market, successfully used in the Brazil World Cup, the Milan World Expo, the Asia Biggest Curtain Screen and other world-class projects.

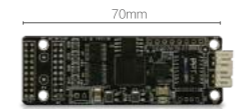
To create the shared and associated ecosystem of LED display.



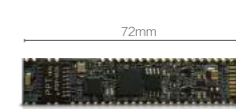
Micro1.7



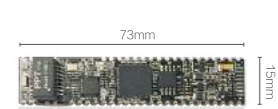
Micro1.8



Micro2.2



Micro2.3



Key Features



Ultra-small size

Ultra-small size design(70×24mm), to solve the problem of space design.



Special-shaped display

Single card position can arbitrarily deviate; display content of single card can rotate, to achieve special-shaped display.



Color & brightness correction

Within 2048 pixels:the chroma correction, within 4096 pixels:brightness correction.



Two core signal outputs

Reduce the number of cables and connectors, simplifying design LED display. Signal transmission requires only two core UTP twisted pair, allowing the display signal and power wiring into one design, peripherals cascadeconnection line from the traditional binary two into one into one.

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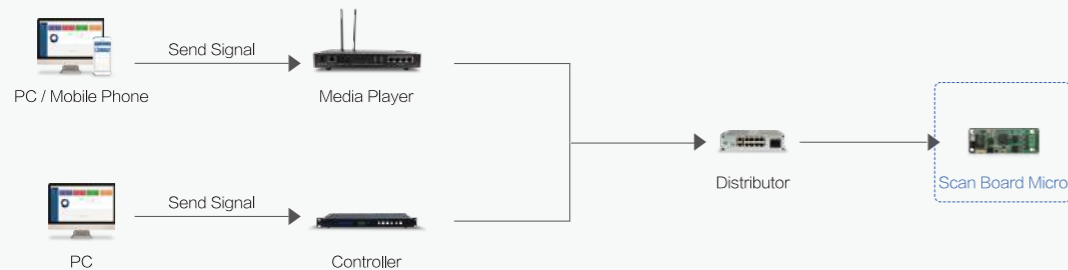


YouTube

Specifications

Model	Micro1.7	Micro1.8	Micro2.2	Micro2.3
The maximum load capacity	4096 pixels	8192 pixels	4096 pixels	4096 pixels
Refresh rate	Static screen up to 5500Hz over	Static screen up to 5500Hz over	Static screen up to 5500Hz over	static screen up to 5500Hz over
Interface Type	2 * P2.0, optional pin output	2 * P2.0, optional pin output	2.54mm, Stamp hole interface	2.54mm, Stamp hole interface
Scanning mode	Static - 8 scanning	Static - 8 scanning	Static - 8 scanning	static - 8 scanning
Gray levels	4096—65536	4096—65536	4096—65536	4096—65536
Number of outputs	24 serial RGB data, parallel 8 groups,	24 serial RGB data, parallel 8 groups,	24 serial RGB data, parallel 8 groups,	24 serial RGB data, parallel 8 groups,
RGB data set	four clock extension	four clock extension	four clock extension	four clock extension
Shaped show	Any offset single card position	Any offset single card position	Any offset single card position	any offset single card position
Single card rotation	0° ,90° ,180° ,270°	0° ,90° ,180° ,270°	0° ,90° ,180° ,270°	0° ,90° ,180° ,270°
Online Upgrade	√	√	√	√
Cascading number of cards	In general value of 128, the maximum value of 256	In general value of 128, the maximum value of 256	In general value of 128, the maximum value of 256	in general value of 128, the maximum
Loss of brightness	5%—20%	5%—20%		value of 256
Operating voltage	3.6-5V DC	3.6-5V DC	3.6-5V DC	3.6-5V DC
Operating temperature	-40℃—75℃	-40℃—75℃	-40℃—70℃	-40℃—75℃
Dimensions	length70 * width24 (mm)	Length70 * width24 (mm)	Length72 * width15 (mm)	length73 * width15 (mm)
Random Mapping	√	√	√	√
Brightness correction	x	8192	4096	x
color correction	x	4096	2048	x

System topology



Mdea System

Wireless Connection, limitless Intelligence.



Screen controlled by smart phone wirelessly Simple and efficient.



Mdea2Plus



Mdea3



Mdea2Fast



Key Features



Support synchronism & asynchronism

The player can play, while supporting HDMI images switching, camera images switching, mobile phone images switching.



Can play and control

It can not only play and switch contents but also act as a high-definition sending card.



Picture-in-Picture

HDMI images, camera images, this player can play at the same time, to achieve picture-in-picture function.



Multi-window display

8-core processing chip is used, supporting 8 play windows display video contents at the same time. Support text, pictures, video, GIF and other multi-format files.



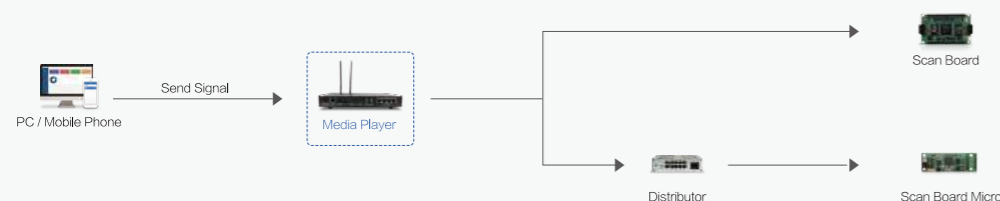
Industrial level design

Working temperature: -20℃-75℃.

Specifications

	Mdea2Plus	Mdea2Fast	Mdea3
CPU	Cortex-A7	Cortex-A7	RK3288 ARM Cortex-A17 4Core 1.8GHz
GPU	Mali400, Speed 400MHz	Mali400, Speed 400MHz	Mali-T760
RAM	DDR3 1GB	DDR3 1GB	2GB dual channel DDR3
ROM Flash	8GB eMMC	8GB eMMC	16GB high speed eMMC
PhotoViewer	BMP, JPEG, M-JPEG, GIF, PNG	BMP, JPEG, M-JPEG, GIF, PNG	Support JPG, BMP, PNG and other image formats
VideoFormat	MP4,3GP,MKV,FLV	MP4,3GP,MKV,FLV	Support H.264, VP8, RV, WMV, AVS, H.263, MPEG4 and other video formats 1080P decoding, as well as H.265 encoded 4K high-definition video, HTML5 video playback, Flash10.1 playbackv
AudioFormat	MP3,WMA,WAV,OGG,FLAC,ALAC, APE,AMR,AAC,AC-3	MP3,WMA,WAV,OGG,FLAC,ALAC,APE, AMR,AAC,AC-3	MP3,WMA,WAV,APE,FLAC,AAC,OGG,M4A,3GP
WIFI	802.11b/g/n	802.11b/g/n	Support 802.11b/g/n system
Ethernet			10/100/1000Mbps Ethernet(Realtek RTL8211E)
HDMI OUT	1 x HDMI1.3 Output(1280*720/60hz)	1 x HDMI1.3 Output(1280*720/60hz)	1*HDMI2.0, support 4K@60Hz
HDMI IN			1* standard HDMI standard signal inputs are supported
USB	1 x USB, Support OTG、HOST and DEVICE, 1*USB-A (Support a mouse, keyboard, 3G network card)	1 x USB, Support OTG、HOST and DEVICE, 1*USB-A (Support a mouse, keyboard, 3G network card)	2can be connected to the mouse, keyboard, U disk, USB camera
Audio	1 x 3.5mm	1 x 3.5mm	1 x 3.5mm 1 x SPDIF
LED video	1x RJ45, Support 1024*600*24bit*60Hz	4x RJ45, Output support 64*960/128*480/256*240 /512*120/1024*60 Each outlet can move within the scope of 1024 * 600;	4 outputs with maximum resolution support for 1920*1080
485 interface/ Serial interface	1TTL Serial interface	1TTL Serial interface	1can connect brightness sensor, temperature and humidity sensor, multi-function board
Operating system	Andriod 4.2,2	Andriod 4.2,2	Android 5.1.1
Control Software	YClient2	YClient2	YClient2
Player software	YdeaStudio	YdeaStudio	YdeaStudio
Power	Switching Power Supply (5V、3A)	Switching Power Supply (5V、3A)	direct-current main (5V,3A)
Temperature	-40℃ ~ 75℃	-40℃ ~ 75℃	-20℃ ~ 75℃
Consumption	≤15W	≤15W	≤15W
Size (L × W)	120 mm × 68.5 mm	155 mm × 78 mm	225 mm × 125 mm

System topology



Wireless Connection, limitless Intelligence.

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Gigabit Systems



Main controller C series is a full range of video solution designed for the needs of high-end display applications, with features of large loading area, supporting real-time transmission, dot-by-dot correction function, field upgrade, high grayscale & high refresh, various scanning modes, LED fault information transmitted and diagnosis and dot-by-dot monitoring function etc.



C5



Key Features



Input resolutions up to 1920x1200, 2048 x1152,user-defined.



HDMI/DVI video input, four Ethernet ports output.

support DMX port input



Control Support USB interface and control panel.



Replace the screen without having to re-set the body.

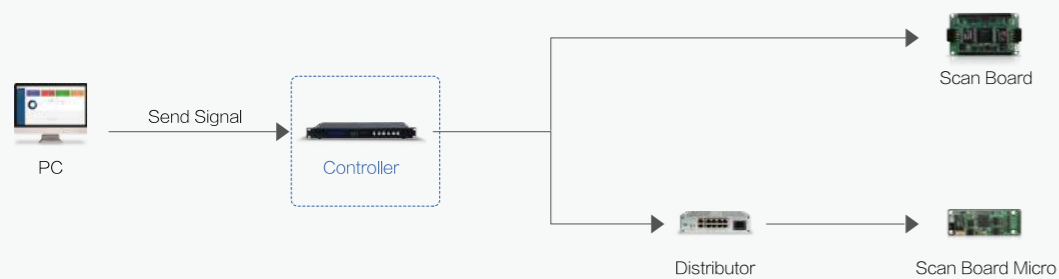
support encryption system

YDEA *inside*

Specifications

Model	C5
Control area	The biggest control points 2304000
Input resolution	1920x1200, 2048 x 1152, user-defined
Output resolution	1920x1200, 2048x1152, 2560x960, 3840x640
Multi-machine in parallel	support
Video Input	DVI/HDMI
Pixel by pixel correction	brightness, chromaticity
DMX port	support
Online upgrade	support
Distributor	support
Load Split	arbitrarily
Shaped Display	support
Transmission distance	100m
Control Interface	USB, Panel Button
Temperature	-20°C~75°C
Power	100~240VAC 50/60HZ
Size (L x W x H)	480 x 300 x 44 (mm)
Data return	✓

System topology



Scanning board S Series



S series is a general scanning board for cabinet screen, rental screen and ultra-thin screen. It is more stable and reliable with better quality. When change the receiving card, it is no need to reset the parameters, which helps to save time, improve efficiency and simplify after-sale service. It supports the dot-by-dot correction of ultra large pixel area.

S58



S3.5



Key Features



Operating voltage: 5V DC
load points: 256x256



High refresh rate, high gray level



Support luminance and chrominance
by-point correction

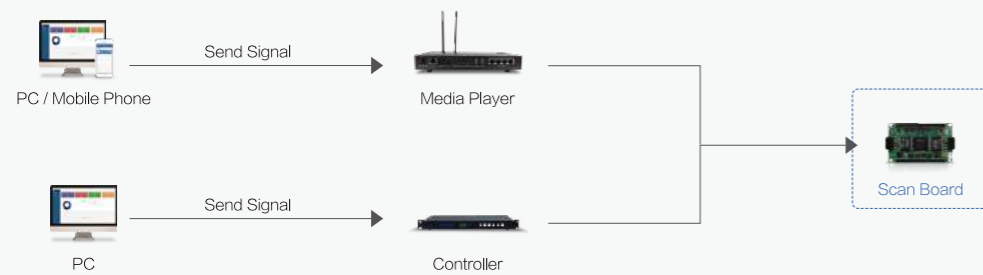


Dimensions: 136.5 * 47.9 (mm * mm)

Specifications

Model	S3.5	S58
load area	256 * 256	256 * 256
refresh rate	static screen up above 5500Hz	static screen up above 5500Hz
interface Type	2*RJ45, HUB board output	60×2 High-density connectors
scanning mode	Static -32 scan	Static -32 scan
gray levels	4096—65536	4096—65536
chip Support	conventional chip, PWM chips, lighting chip	conventional chip, PWM chips, lighting chip
number of outputs RGB data groups	Group 16	32
online Upgrade	√	√
cascade card number	Generally the value 256, maximum 512	Generally the value 256, maximum 512
loss of brightness	5%—20%	5%—20%
operating Voltage	5V DC	5V DC
working temperature	-40°C—75°C	-25°C—70°C
dimensions	length 136,5 * width 47,9 (mm)	length 70 * width 45 (mm)

System topology



Accessories

Brightness sensor LS series



When the illumination changes, brightness sensor LS series is mainly used for automatic adjustment of LED display brightness.

According to customer requirements, it is designed with timing adjustment and light adjustment two ways to control the brightness of the display.

Model	LS2.0
Interface	One road for brightness output, another for power
Working Voltage	100-240V AC 50/60HZ
Light Range	0-54610 Lux
Compatible Main Controller	Can be used on all C5.0, Mdea

Accessories

Distributor Specifications

T2.2



T3.0



Distributor T series is designed for HD LED display to change Gigabit to Fast ethernet.

It supports multi-channel signal input and output management, and video signal intelligent segmentation, to realize the signal reallocation. Besides, its feature of fully supporting online fault diagnosis, making the system more stable and reliable, which is suitable for building display and lighting.

Model	T2.2	T3.0
Input	1 molex	1 molex
Signal loop	1 molex	1 molex
Output	2 molex	8 molex
Multi-machine in parallel	√	√
Two-way backup	√	√
Creative display		Single machine and Single port random move
Transmission mode	Top to Bottom、Bottom to Top、Left to Right、Right to Left	Top to Bottom、Bottom to Top、Left to Right、Right to Left
Transmission distance	100m	100m
Compatibility	Micro Series	Micro Series
Online upgrade	√	√
Temperature	-30℃-70℃	-30℃-70℃
Humidity	5% - 95%	5% - 95%
Power	5VDC	AC 220V
Power consumption	<15W	<25W
Size (L × W × H)	135 × 45 × 15(mm)	160 × 58 × 17(mm)
Weight	<1kg	<1kg
correction	x	√