Transparent
LED
Display

YIPLED

All-in-one
LED
Display

✕MOZU

LED
Control
System

YDEA*inside*
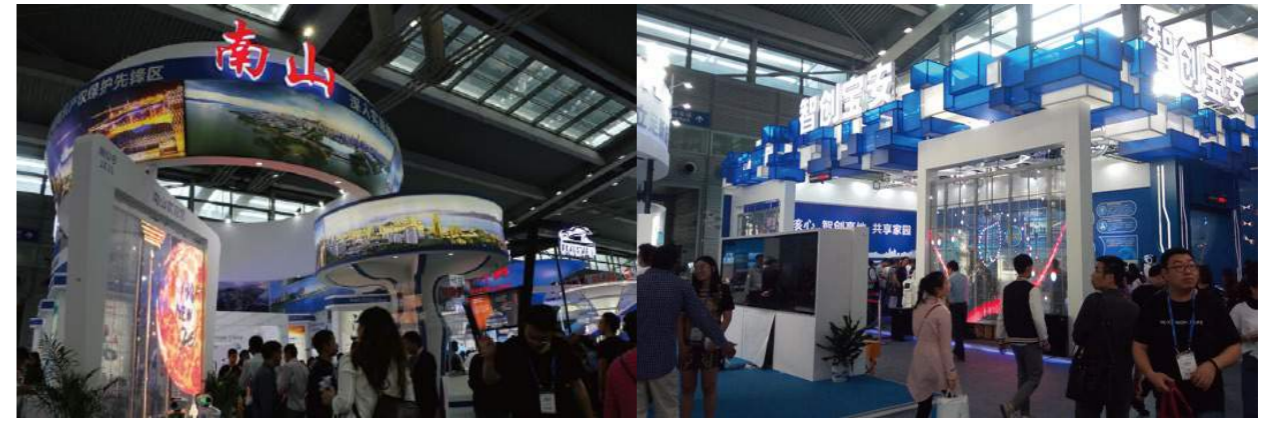
Product Model Catalog

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 YIPLED

Typical Case

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

Typical Case

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. 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
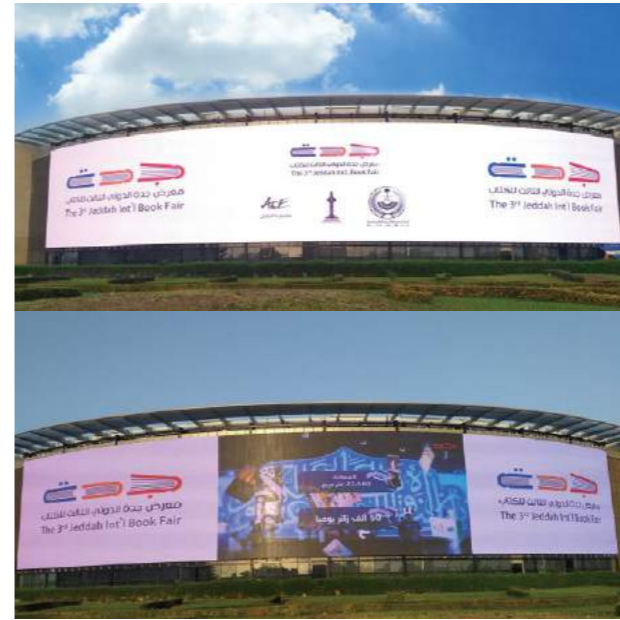
Typical Case

1. 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 2450㎡ LED Screen

Typical Case

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 1200㎡ 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. Philippines National Stadium Micro Curtain Screen   4. Chongqing Sheraton Telescopic LED Screen

2. Cambodia Phnom Penh P10 Micro Curtain Screen

3. Beijing Yingchuang Space Building Micro Curtain 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 3000㎡. 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 traceablility 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

YIPLED®

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

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

Thickness   1.2mm

Blocking sight   1.2mm   7.8mm

$Transparency = \frac{7.8-1.2}{7.8} \approx 85\%$
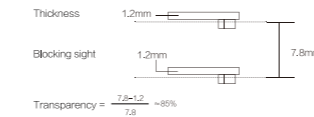
Wider Viewing Angle
viewing angle 160°
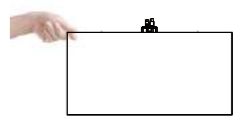
YIPLED Ice Screen delivers awe-inspiring picture quality across the entire screen,even from wide viewing angles.

160°   120°

Side Emitting LED Lamp   Other Front Emitting LED Lamp

Easy Installation
Slim and light

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

More Reliable and Durable
No stress on LED lamp

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

Side-emitting no stress on led lamp

Front-emitting stress directly on led lamp

Easy Maintain
All-in-One Design

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

YIPLED   Other

Follow us @Yipledscreen

YIPLED®

Ice Screen Series
LED Transparent Screen with Side Emitting Technology

Screen Size
1000 × 500, 500 × 500

Application Scenarios
Stage rental business

Ice Screen Series
· Transparency：85%
· Brightness：1200cd/㎡，2500cd/㎡
· Depth: 38mm
· Viewing Angle：160°

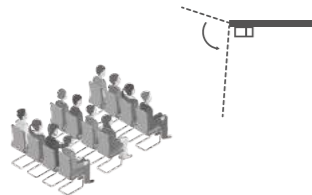|							
Light Penetrate	SMD Ideal for Stage Viewing Angle	8 Pin Vibration –proof Port	SMD on surface of the bar –avoid lamps being knocked off	Modularized Power Supply	Different batches can be mixed to use	160° Wide Viewing Angle	System Stable

Key Features

Side Emitting
Stage look up viewing angle is better without blocking by lamp strip.
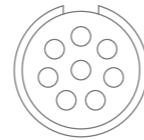
Light Penetrate
Light can penetrate without affecting stage lighting effect.
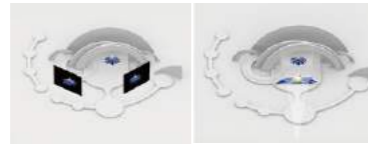
8 Pin Vibration–Proof Port
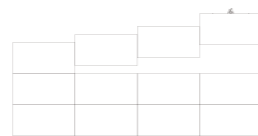No screen flash affected by audio vibration.

Avoid Knocked off
SMD on surface of the bar – avoid the led lamps being knocked off.

no stress on led lamp
stress directly on led lamp

Side-emitting
Front-emitting

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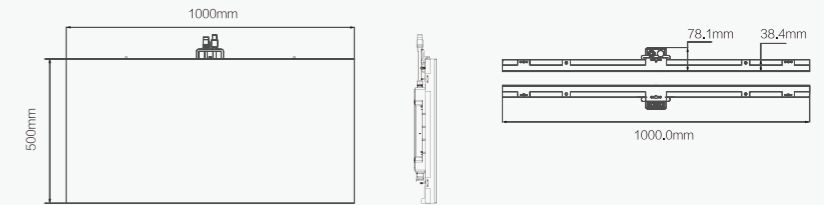Die casting aluminum structure will not be deformed even after frequent installation and uninstallation.

YIPLED
Other

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

160°
120°

Side-emitting
Front-emitting

Dimensions (unit : mm)

1000 × 500 × 78 /
8.5 Kg

1000mm
500mm
78.1mm 38.4mm
1000.0mm

500 × 500 × 78 /
5 Kg

500mm
500mm
78.1mm 38.4mm
500.0mm
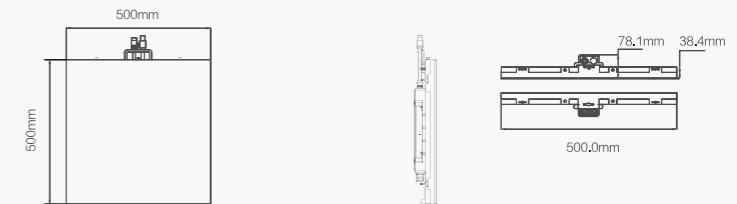
Connectivity

1 POWER
2 LAN

2 Types of Installation

Floor stand

Hang

Specifications

Size (mm)	1000X 500			500X 500		
Model	**I3**	**I7**	**I10**	**I3**	**I7**	**I10**
	−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/m²)	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/m²)	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
Refesh Rate (Hz)	3840	3840	3840	3840	3840	3840
Frame Frequency (Hz)	60	60	60	60	60	60
Avg.Power Consumption(W/ m²)	120	120	120	120	120	120
Max.Power Consumption(W/ m²)	400	400	400	400	400	400
Maintenance	Back	Back	Back	Back	Back	Back
IP	IP42	IP42	IP42	IP42	IP42	IP42
Working Temp	−20~50℃	−20~50℃	−20~50℃	−20~50℃	−20~50℃	−20~50℃
Weight (kg/ m²)	17	17	17	20	20	20

System topology

Screen Resolution → Control System → Output Screen

PC
- Screen Resolution ≤1920*1080px → Controller C5.0 → Scan Board → Built-In → Ice Screen
- Screen Resolution ≥1920*1080px → Video Splitter → Controller C5.0 → Scan Board → Built-In → Ice Screen

PC / Mobile Phone
- Screen Resolution ≤1024*600px → Media Player Mdea2Plus
- Screen Resolution ≤1920*1080px → Media Player Mdea3 → Scan Board → Built-In → Ice Screen
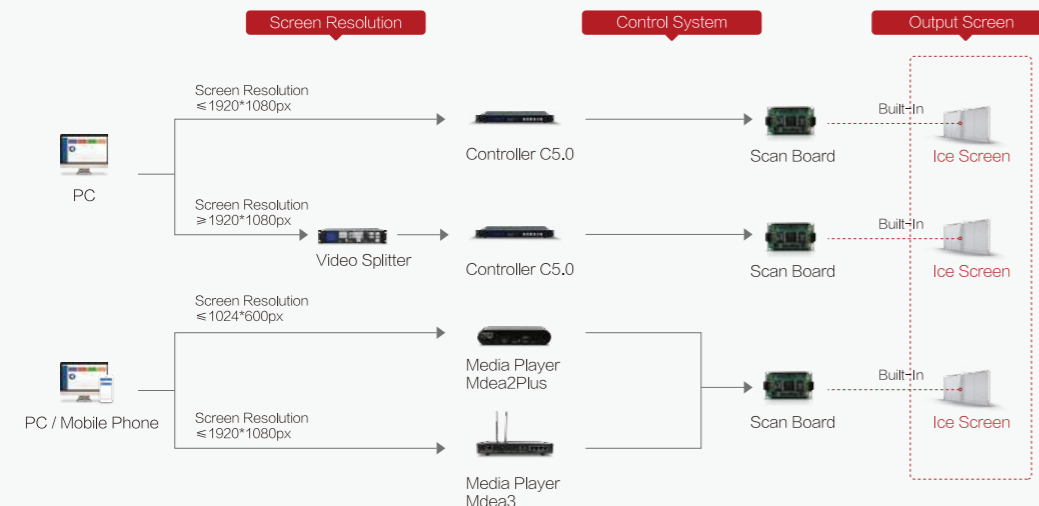
Jade Screen Series
Create a more Valuable Urban Advertising Media

Very see−through，without any change of architectural appearance and transparencey 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.
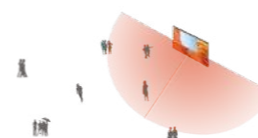
Smart control
Smart control by mobile APP,wireless data transmission, screen+ data cloud + APP, WIFI connection.
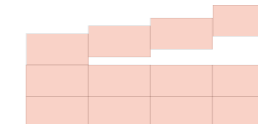
Wider advertising Scope | viewing angle 160°
YIPLED Ice Screen delivers awe−inspiring picture quality across the entire screen,even from wide viewing angles.

Modularized | DIY design
Any size screen combination flexible, no steel structure, no complicated installation, easy and convenient.
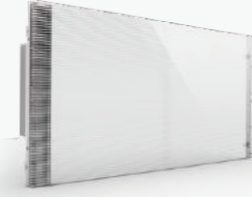
High brightness | 5000cd / ㎡
still visible clearly under strong light.

YIPLED®

Jade Screen Series
Create a more Valuable Urban Advertising Media

Screen Size
1000 × 500, 500 × 500

Application Scenarios
Glass wall, large indoor space

Jade Screen Series
· Transparency: 85%
· Brightness: 5000cd/㎡
· Depth: 21mm
· Viewing Angle: 160°

Modularized	160° Wide Viewing Angle	Simple Colorful	New Configuration

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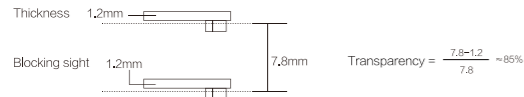## Other Features

Super(or ultra) transparent
More than 85% transparency, the highest transparency in led screen industry.

Thickness 1.2mm
Blocking sight 1.2mm
7.8mm

$$\text{Transparency} = \frac{7.8 - 1.2}{7.8} \approx 85\%$$

High contrast ratio
High contrast ratio 1500:1, stunning color, dynamicimage 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 ind-ustry, the minimum pixel pitch (able to mass production) 3mm, 3840HZ refresh rate.

3840HZ   60HZ

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

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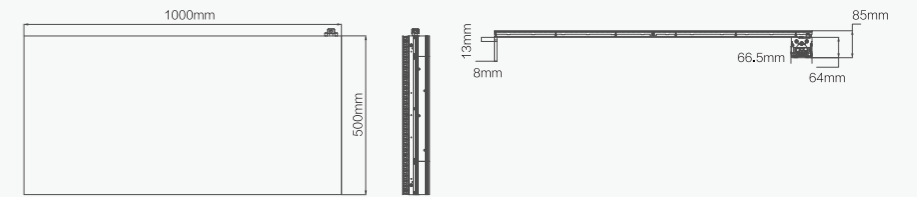The shape innovation of static glass, new screen displaying, new advertising type.

Dimensions (unit : mm)

1000 × 500 × 85 / 8.5 Kg

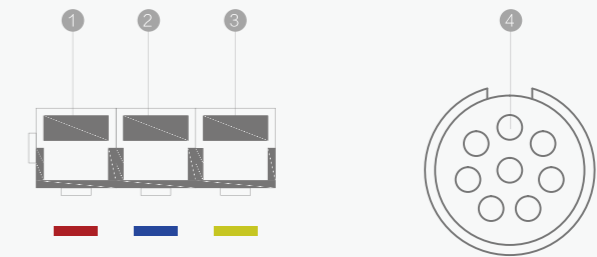1000mm
500mm
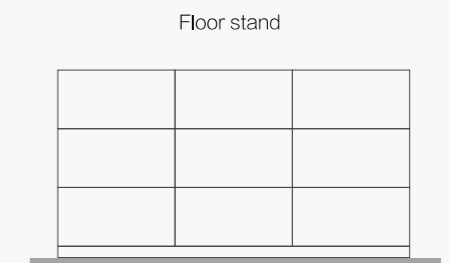13mm
8mm
66.5mm
64mm
85mm

500 × 500 × 85 / 4.25 Kg

500mm
500mm
13mm
8mm
66.5mm
64mm
85mm
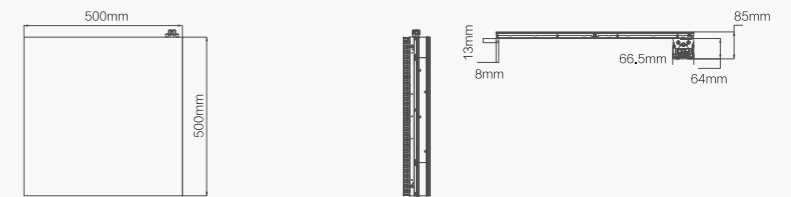
Connectivity

1 Live wire   3 Earth wire
2 Neutral wire 4 LAN

1 2 3   4

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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/m²)	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/m²)	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
Refesh Rate (Hz)	3840		3840	3840		3840
Frame Frequency (Hz)	60		60	60		60
Avg.Power Consumption(W/ m²)	120	300	300	120	300	300
Max.Power Consumption(W/ m²)	400	1000	1000	400	1000	1000
Maintenance	Back		Back	Back		Back
IP	IP42		IP42	IP42		IP42
Working Temp	−20~50℃		−20~50℃	−20~50℃		−20~50℃
Weight (kg/ m²)	14		14	14		17

System topology

Screen Resolution — **Control System** — **Output Screen**

PC
- Screen Resolution ≤1920*1080px → Controller C5.0 → Scan Board → Built-In Jade Series
- Screen Resolution ≥1920*1080px → Video Splitter → Controller C5.0 → Scan Board → Built-In Jade Series

PC / Mobile Phone
- Screen Resolution ≤1024*600px → Media Player Mdea2Plus
- Screen Resolution ≤1920*1080px → Media Player Mdea3 → Scan Board → Built-In Jade Series

Follow us @Yipledscreen   f   You Tube
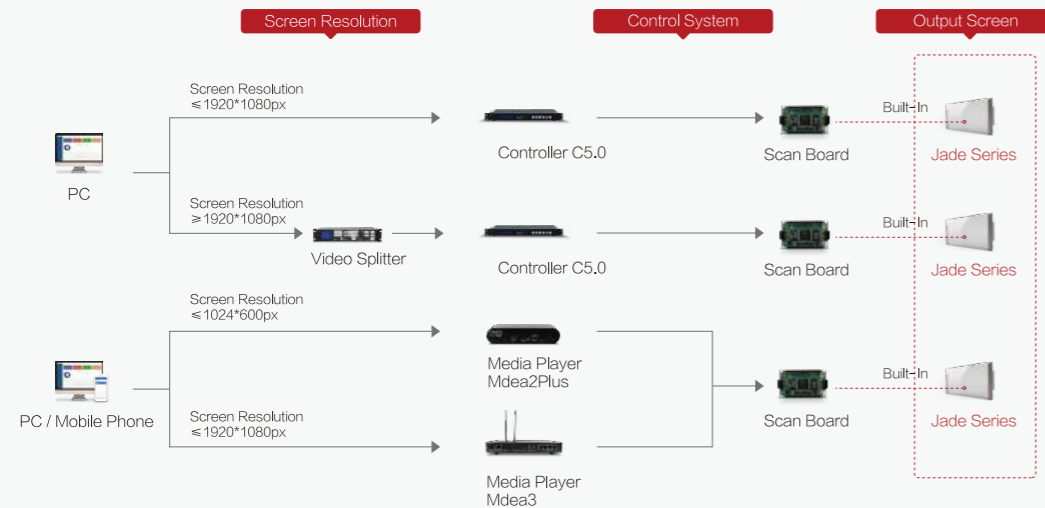
Post Screen Series
Create a more Valuable Urban Advertising Media

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

CE RoHS

Key Features

Standardization

Standard display, fixed size and display size.

2000x25000mm   2000x1500mm   700x1000mm
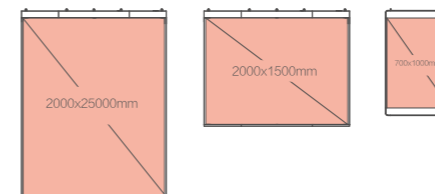
Simple

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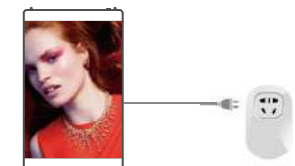
Freestyle

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

Process design

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

YIPLED®

Post Screen Series
Create a more Valuable Urban Advertising Media

Screen Size
700 × 1000, 2000 × 1500, 2000 × 2500

Application Scenarios
Glass wall

Post Screen Series
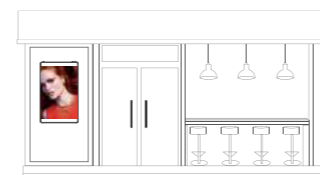· Transparency：85%
· Brightness：5000cd/㎡
· Depth: 37mm
· Viewing Angle：160°

Super transparent	Smart	Simple	Energy saving

Other Features

Super(or ultra) transparent
More than 85% transparency, the highest transparency in led screen industry.

Thickness　1.2mm

Blocking sight　1.2mm　7.8mm

$$Transparency = \frac{7.8-1.2}{7.8} \approx 85\%$$
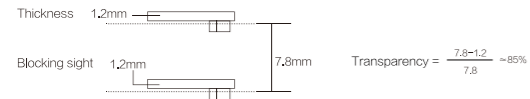
High contrast ratio
High contrast ratio 1500:1，stunning color，dynamic image and eye-catching.

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.
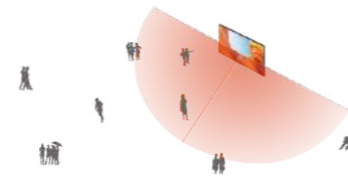
Energy saving
Less than 170W power consumption per square meter.
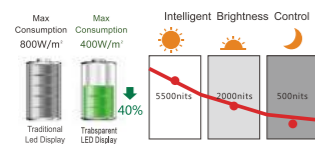
Max Consumption 800W/m²　Max Consumption 400W/m²　Intelligent Brightness Control

5500nits　2000nits　500nits

40%

Traditional Led Display　Transparent LED Display

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

3840HZ　60HZ

Dimensions (unit : mm)

745 X 1175 X 37 /
25Kg/pc
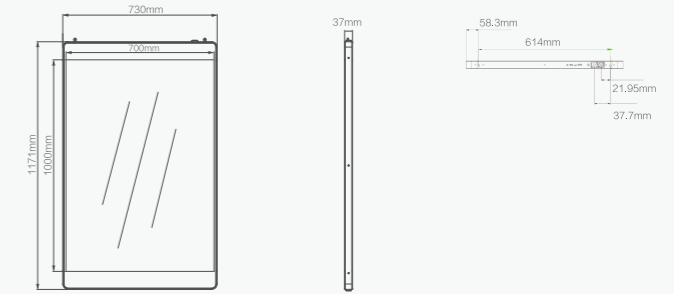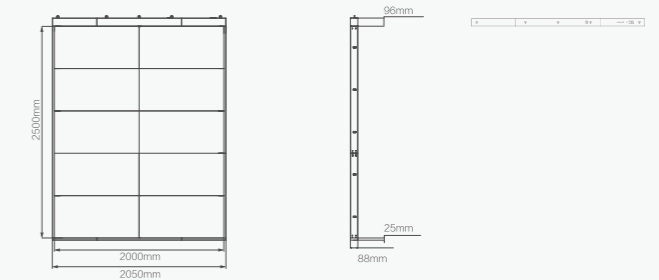
730mm
700mm
1177mm
1000mm
37mm
58.3mm
614mm
21.95mm
37.7mm

2050X2621X88 /
120 Kg/pc

2950mm
2000mm
2050mm
96mm
25mm
88mm

2050 X 1621 X 88 /
72 Kg/pc

1500mm
2000mm
2050mm
96mm
25mm

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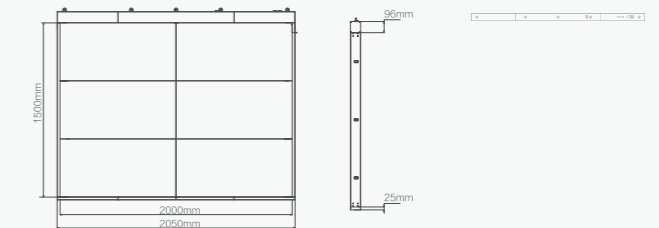
1 POWER　5 CLOUDS
2 LAN　6 HEADSET
3 WIFI　7 RESET
4 USB　8 HDMI

WIFI　USB　RESET　CLOUDS　HDMI
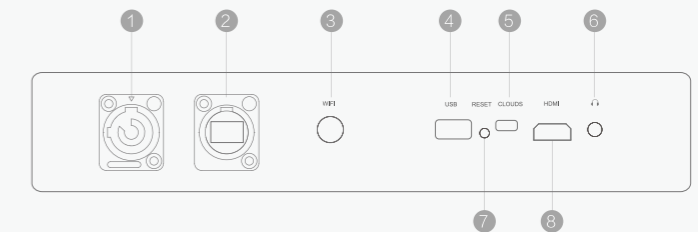
Specifications

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/ m²)	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/ m²)	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
Refesh Rate (Hz)	3840	3840	3840	3840
Frame Frequency (Hz)	60	60	60	60
Avg.Power Consumption(W/ m²)	300	300	300	300
Max.Power Consumption(W/ m²)	1000	1000	1000	1000
Maintenance	Back	Back	Back	Back
IP	IP42	IP42	IP42	IP42
Working Temp	−20~50℃	−20~50℃	−20~50℃	−20~50℃
Weight (kg/ pc)	25	25	72	120

All-in-one
LED
Display

XMOZU

System topology

Screen Resolution — Control System — Output Screen

Mobile Phone

Screen Resolution
≤1024*600px

Built-In

Media Player
Mdea2Plus

Screen Resolution
≤1920*1080px

Built-In

Media Player
Mdea3

Poster Series

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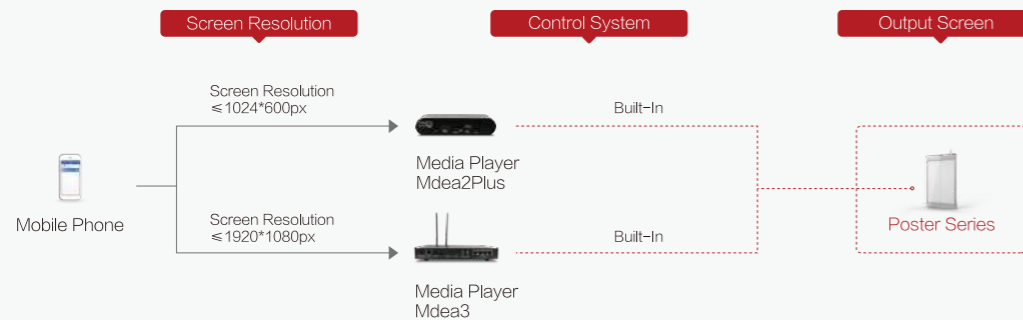
All-in-One LED Display Series
I am the AIO, I am a Cloud.

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.

CE RoHS FC UL

Why All-in-One Technical ?

Small Space Occupied Flexible Installation
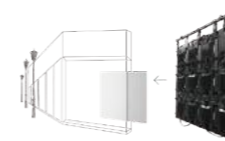
Ultra Slim and Light Weight Lower Freight

XMOZU   Traditional LED
Occupies space   Occupies space
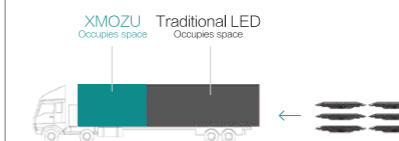
Simple Installation Without Professional Construction Engineer and Complex Steel Structure
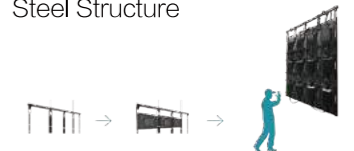
Smart Phone Control And Easy for Users

Easy to Maintain and Replace Without Engineer

Intelligent Power Power Saving

Max Consumption 800W/m²   Max Consumption 400W/m²

Intelligent Brightness Control

5500nits   2000nits   500nits

40%

Traditional Led Display   All-in-One LED Display

XMOZU

Screen Size

320 × 320 × 33

Application Scenarios

Media、Retail、Rental

All-in-One LED Display Series

· Weigt：1.55 kg/Pcs
· Brightness: 5500 cd/㎡
· Depth: 33mm
· Control：Smartphone APP

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

Dimensions (unit : mm)

320 × 320 × 33 /1.55 Kg

320mm

33mm

320mm

Connectivity

All-in-One LED Display

3+2 接头

Key Features

Terminator of Traditional LED Module

33mm, 1.65kg, Minimalism.

1.65kg
33mm

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.

400 w/m² max. Power Consumption

800 w/m² Power Consumption

VS

Traditional LED Display.

IP 67 Waterproof and Dust Resistance

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

60℃

Smart Phone APP Control Via WIFI

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

Lamp board
power source
System
Driver
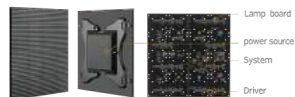
Data and Power Cables Integrated into One

Cloud Cluster Management

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

3 Types of Installation

Front Maintenance
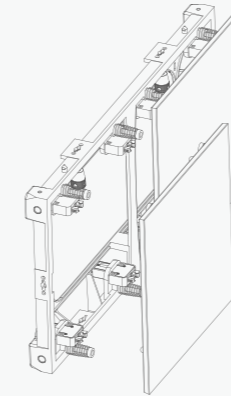
Hang
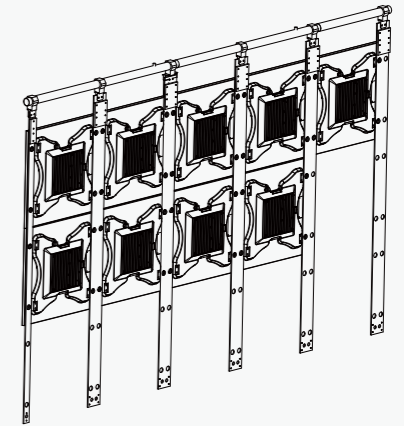
Fixed Installation

Specifications

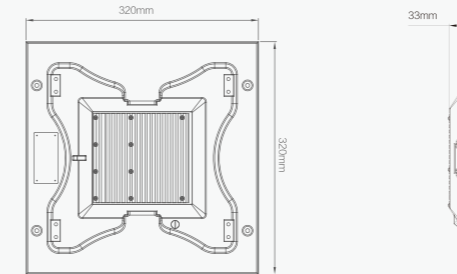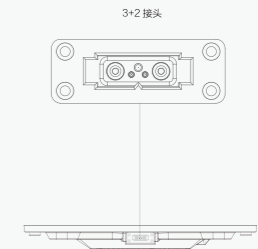| Size (mm)	X Series				I Series	
Model	**X4**		**X6**		**I4**	**I6**
	-I	**-O**	**-O**		**-O**	**-O**
Pixel pitch（mm）	4		6.66		4	6.66
Pixel density（dot）	6400		2304		6400	2304
Module size（mm）	320 × 320 × 33		320 × 320 × 33		320 × 320 × 33	320 × 320 × 33
Module pixel（dot）	80 × 80		48 × 48		80 × 80	48 × 48
Pixel configuration	1R1G1B		1R1G1B		1R1G1B	1R1G1B
LED encapsulation	SMD2121	SMD1921	SMD2727		SMD1921	SMD2727
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	IP65
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

Screen Resolution — Control System — Output Screen

PC → Screen Resolution ≤1920*1080px → Controller C5.0 → Distributor PT2 → Scan Board Micro → Built-In → All-In-One LED Display

Mobile Phone → Screen Resolution ≤1920*1080px → Controller MPT1.0_PLUS → Scan Board Micro → Built-In → All-In-One LED Display

PC / Mobile Phone → Screen Resolution ≤1920*1080px → Media Player Mdea3 → Distributor PT2 → Scan Board Micro → Built-In → All-In-One LED Display

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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/㎡ 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

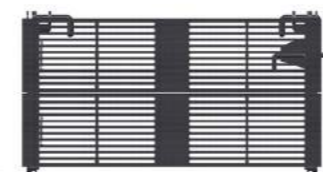| Model	R8
	-i
Pixel pitch (mm)	8.33
Pixel Density (dot/sqm)	14400
Pixel/Tile	48 × 120
LED Configuration	White SMD 3-in-1
Max Brightness (nits)	1200 (SMD2121)
Luminous efficiency (%)	78%
Contrast ratio	3000:1
Viewing Angle (degrees)	140° /140°
Transparency (%)	50.5%
Tile Dimension (mm)	W400 x H1000 x D26 15.7" x 39.4" x 1"
Tile Area (㎡)	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

Screen Resolution ≤1920*1080px — PC / Mobile Phone — Media Player Mdea3 — Distributor PT2 — Scan Board Micro — Built-In — W3-i FLEXIBLE SCREEN

Screen Resolution ≤1024*600px — Mobile Phone — Controller MPT1.0_PLUS — Scan Board Micro — Built-In — W3-i FLEXIBLE SCREEN

Screen Resolution ≤1920*1080px — PC — Controller C5.0 — Distributor PT2 — Scan Board Micro — Built-In — W3-i FLEXIBLE SCREEN

Dimensions (unit : mm)

R8-i Flexible Display

1000mm

400mm

51.4mm

Types of Installation

Vertical Installation   Hang

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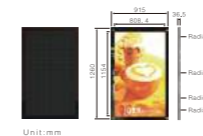
Wide Range Voltage Input:
AC100V – 240V
Max.
Power Consumption: 720W

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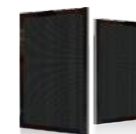
Thickness: 36.5mm
Front: 3mm
Glass Rear:
3mm high transparent acrylic

Installation: Hanging; Standing;
Fixed on the wall

XMOZU
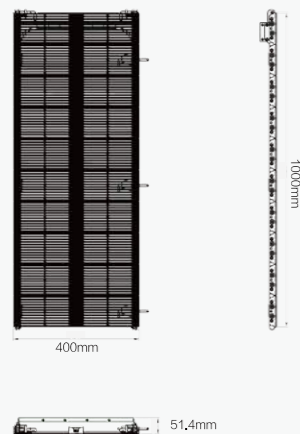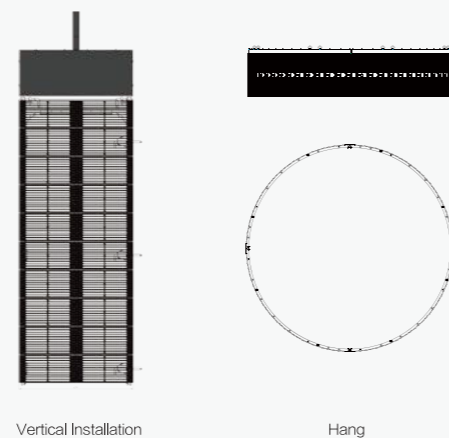
Specifications

Model	W3
	–i
Pixel Pitch (mm)	3.6
Pixel Density (dot/sqm)	71680
Display Size (mm)	808.4*1154
Screen Resolution (dot)	224 × 320
Pixel Configuration	1R1G1B
LED Model	SMD1921
Brightness (cd/ m²)	≥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 (℃)	-30~55
Rear Poster Size (mm)	808.4 X 1154
Weight (kg/pcs)	35

Dimensions (unit : mm)

R8-i Flexible Display

915mm
804.4mm
36.5mm
1260mm
1150mm

System topology

Screen Resolution
≤1920*1080px
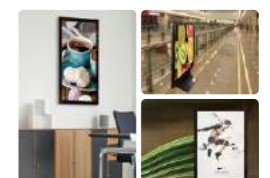
Screen Resolution
≤1024*600px

Screen Resolution
≤1920*1080px

PC / Mobile Phone

Mobile Phone

PC

Media Player
Mdea3

Controller
MPT1.0_PLUS

Controller C5.0

Distributor PT2

Distributor PT2

Scan Board Micro

Scan Board Micro

Scan Board Micro

Built-In

Built-In

Built-In

W3-i LED Poster

W3-i LED Poster

W3-i LED Poster

Types of Installation

Hang

Floor stand

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, wilder 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.

CE   RoHS   ⊚   FC   (UL)

Key Features

All-in-One, only one cable to connect with display.
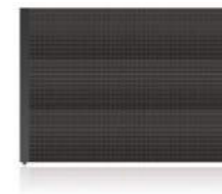
Super thin and high bright-ness, colorful and attractive.

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

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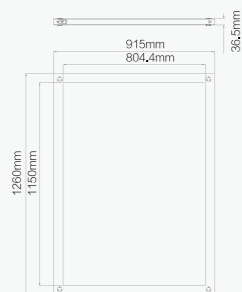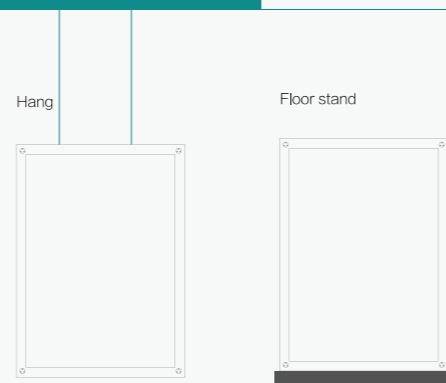
XMOZU

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 (℃)	-30~55
Weight(Kg/Pcs)	24.8

System topology

Screen Resolution ≤1920*1080px — PC / Mobile Phone — Media Player Mdea3 — Distributor PT2 — Scan Board Micro — Built-In — LED TV

Screen Resolution ≤1024*600px — Mobile Phone — Controller MPT1.0_PLUS — Scan Board Micro — Built-In — LED TV

Screen Resolution ≤1920*1080px — PC — Controller C5.0 — Distributor PT2 — Scan Board Micro — Built-In — LED TV

Dimensions (unit : mm)

1280 × 960 × 40 / 24.8 Kg

40mm   970mm
1334mm

Types of Installation

Hang

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	1OOM
Compatibility	Micro system
Input power	AC100-240V
Consumption	10W
Humidity	5%~95%
Temperature	-30℃~70℃
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℃~70℃
Size	Length 288.46×width 162×height 75.5(mm)

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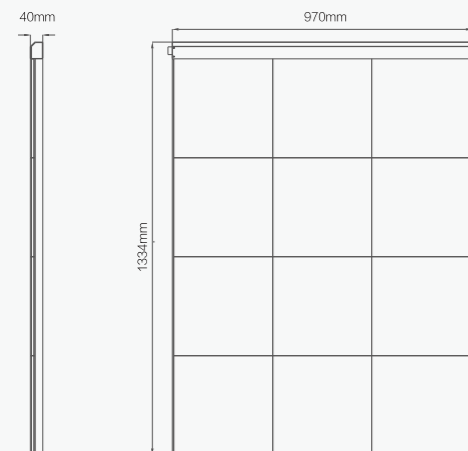
XMOZU

Accessories

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×width162×height 75.5(mm)

LED
Control
System

YDEA*inside*

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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.

CE RoHS

Micro1.7	Micro1.8	Micro2.2	Micro2.3
70mm / 24mm	70mm / 24mm	72mm / 15mm	73mm / 15mm

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.

To create the shared and associated ecosystem of LED display.

YDEA inside

Specifications

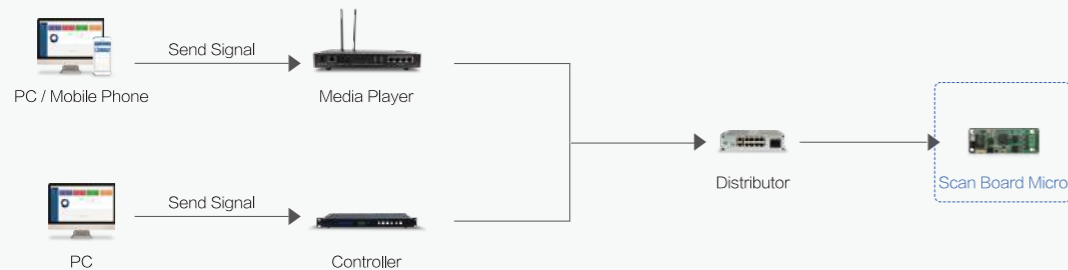| Model	Micro1.7	Micro1.8	Micro2.2	Micro2.3
The maximum load capacity	4096 pixels	8192 pixels	4096 pixels	4096 pixels
Refresh rate	Static screen up to 5500Hz over	Static screen up to 5500Hz over	Static screen up to 5500Hz over	static screen up to 5500Hz over
Interface Type	2 * P2.0, optional pin output	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 RGB data set	24 serial RGB data, parallel 8 groups, four clock extension	24 serial RGB data, parallel 8 groups, four clock extension	24 serial RGB data, parallel 8 groups, four clock extension	24 serial RGB data, parallel 8 groups, 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 value of 256
Loss of brightness	5%~20%	5%~20%		
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	×	8192	4096	×
color correction	×	4096	2048	×

Mdea2Plus

System topology

PC / Mobile Phone — Send Signal → Media Player → Distributor → Scan Board Micro

PC — Send Signal → Controller

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Mdea System
Wireless Connection, limitless Intelligence.

Screen controlled by smart phone wirelessly Simple and efficient.

CE RoHS

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.
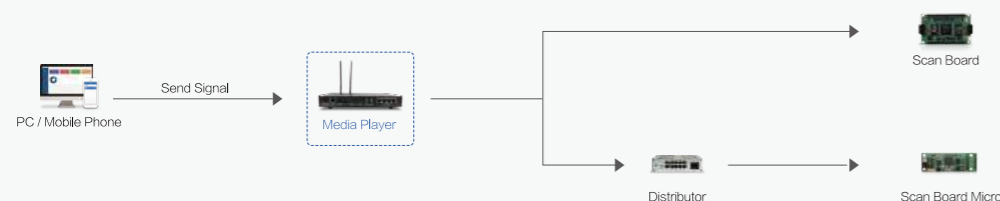
Industrial level design

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

PC / Mobile Phone → Send Signal → Media Player

Scan Board

Distributor → Scan Board Micro

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 points2304000
Input resolution	1920x1200,2048 x1152,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℃-75℃
Power	100-240VAC 50/60HZ
Size (L× W× H)	480×300×44 (mm)
Data return	√

System topology

PC

Send Signal

Controller

Scan Board

Distributor

Scan Board Micro
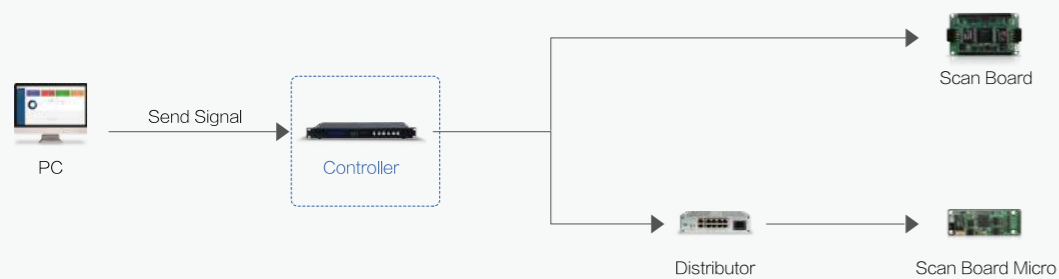
Scanning board S Series

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
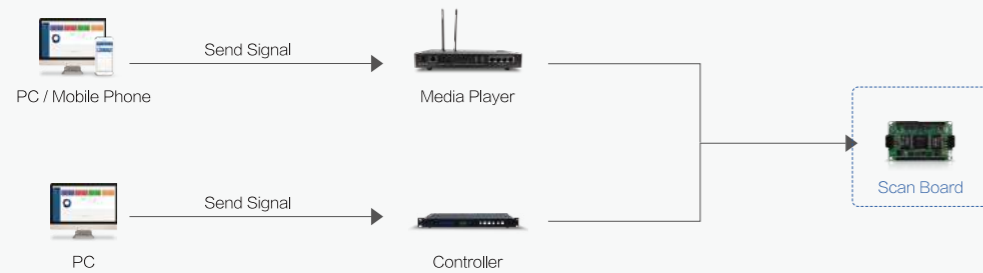
Dimensions: 136.5 * 47.9 (mm * mm)

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℃—75℃	-25℃—70℃
dimensions	length 136.5 * width 47.9 (mm)	length 70 * width45 (mm)

System topology

PC / Mobile Phone → Send Signal → Media Player

PC → Send Signal → Controller

Scan Board

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

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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	×	√

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