2023~2024
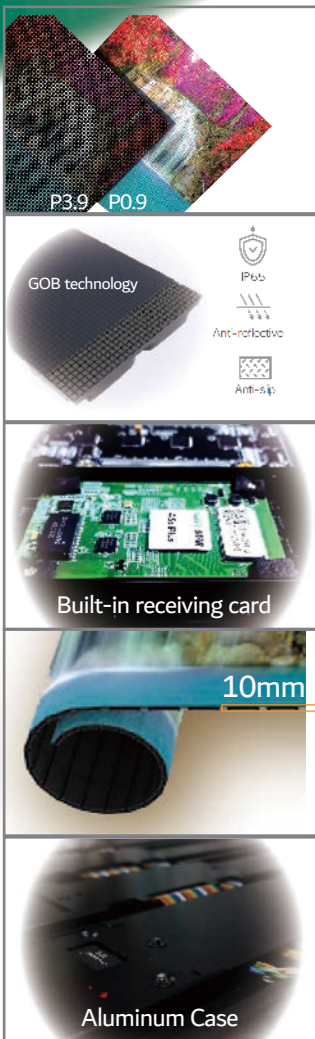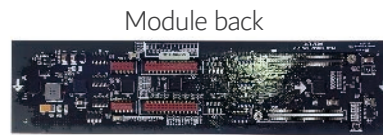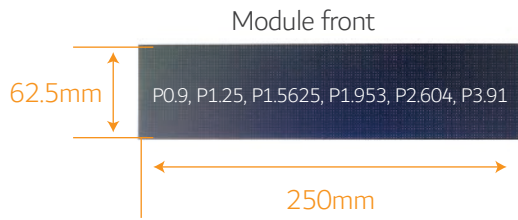
LED DISPLAY

Content

LED ROLLING DISPLAY

LED Rolling Display is a new generation of innovative LED Display products, in addition to the traditional display all the features and technical features, its excellent structure design makes it roll up like paper, and it has the appearance of ultra-thin and ultra-light weight, is the ideal alternative to traditional display, suitable for all traditional display applications.

P3.9   P0.9

GOB technology

IP65

Anti-reflective

Anti-slip

Built-in receiving card

10mm

Aluminum Case

Features

1
Fine pixel pitch: P0.9, P1.25, P1.5625, P1.953, P2.604, P3.91
Small pitch pixel ensures the HD display, higher contrast and more realistic colors

2
GOB Technology (IK10 & IP65)
Surface safty with IK10 anti-collision grade and IP65 Waterproof grade., also with Non-slip mat and anti-reflection. And high visual performance (with high contrast LED for uniform visual performance in black) are considered.

3
Built-in Receiving card

4
Light weight and super thin
15KGS/sqm weight and 10mm thickness make easy to install and carry, which can simplify the design of supporting structure to design better artistic effect.

5
6063 Aluminum module case
Aluminum case adopts stretching process, which makes sure the accurate size and have the best heat dissipation from the LED.

6
Low voltage input
Low voltage 24V/DC input for every unit screen ensures safer use.

7
Free installation and easy maintenance
Its simple structure allows for easy installation and quick maintenance.

Module

Module front	Module back

62.5mm

P0.9, P1.25, P1.5625, P1.953, P2.604, P3.91

250mm

LED Rolling Display diagram X:=module number

250X mm

62.5X mm

Aluminum case

Magnetic button

Data & Power Flat cable

Receiving Card Novastar A5s plus

Power Unit
750W
1500W
2500W

Network & Power Cable

Sending Box Media Player

Installation

Hanging ring

Positioning column

Hanging bar/Updown connection bar

Quick lock
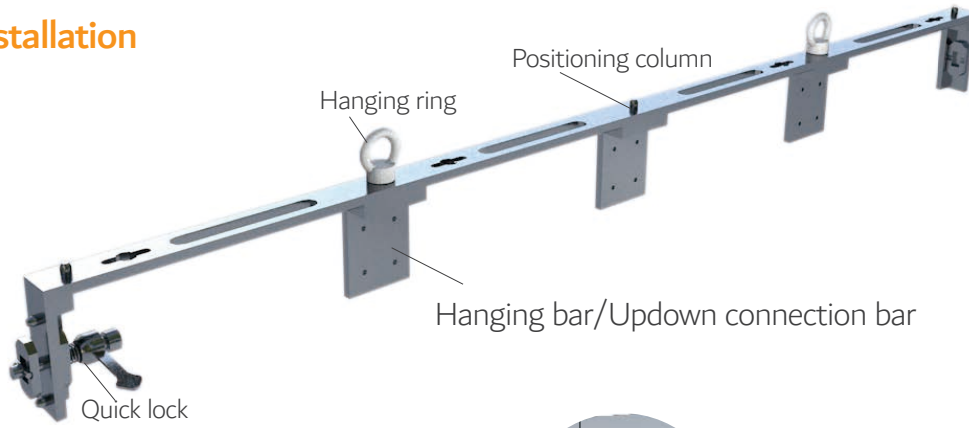
Hanging & Left/right Splicing

Quick lock

Pulley

Sliding rail

Hanging Bar B

Hanging ring

Adjustable hook
rotate to adjust the height

Hanging Bar A

Screen Unit A

Screen Unit B

Right/left splicing
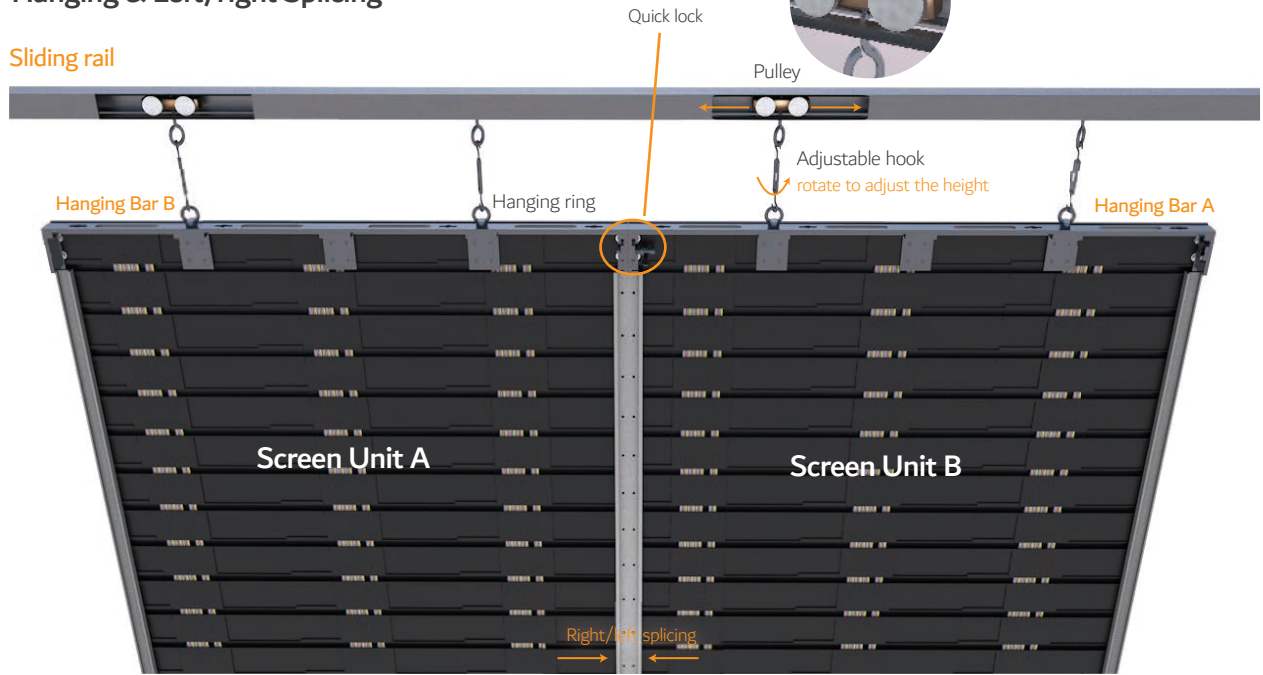
Fixed Bar
Strong Iron Bar

Splicing Bar
Strong Iron Bar
with positioning column

Fixed Bar
Strong Iron Bar

magnet

magnet

Hanging Sliding Rail

Hanging bar/Updown right/left connection bar

Right/left Splicing Bar

Fixed Bar

Adjustable Hook   Hanging Ring
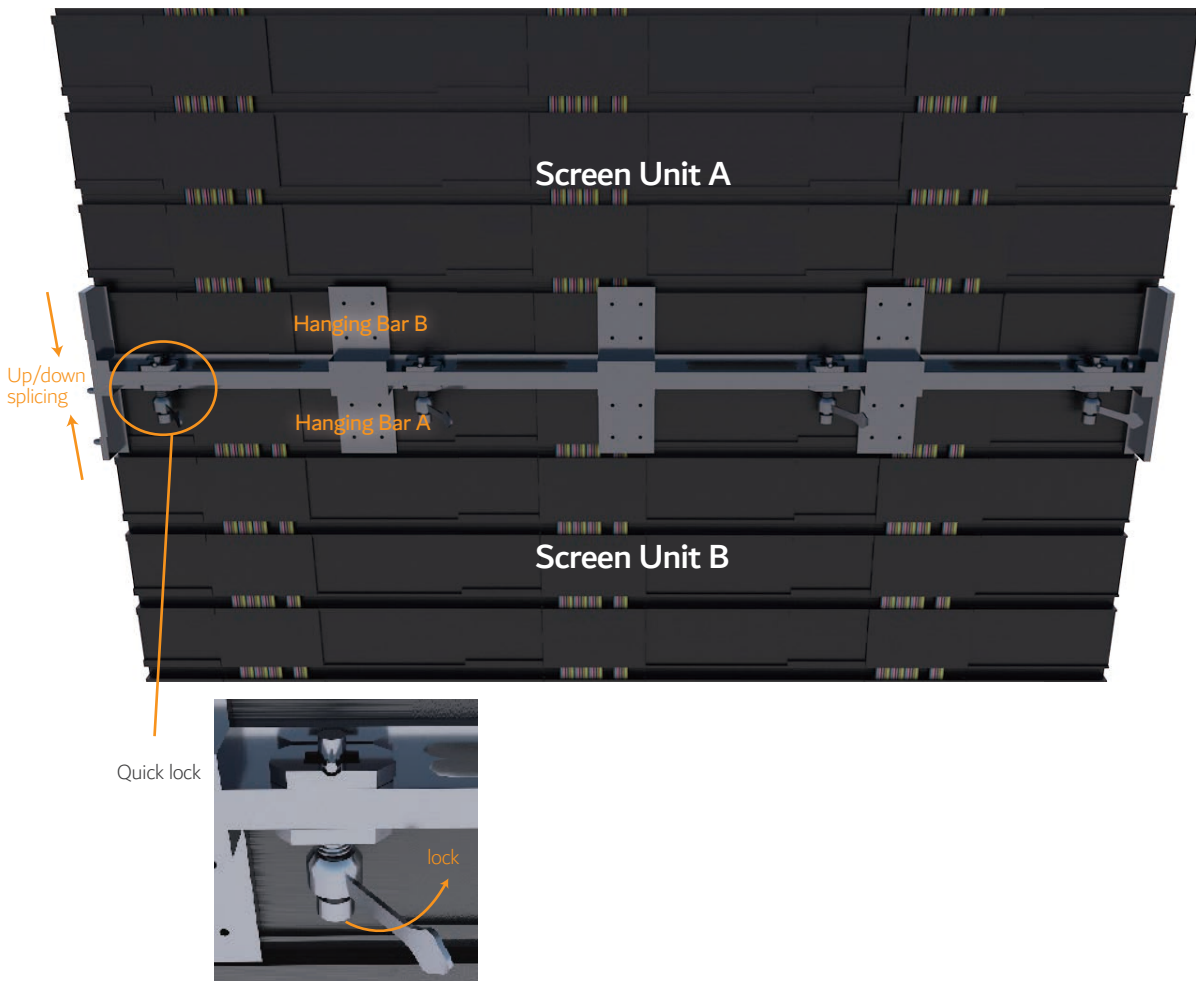
Up/down Splicing

Screen Unit A

Hanging Bar B

Up/down splicing

Hanging Bar A

Screen Unit B

Quick lock

lock

Packing

1 roll

Single Packing

Flight case Size	L900mmXH350mmXW350mm	**Sceen Unit**	1 set
Flight case volume	0.12CBM	**Screen Area**	1.125sqm
Total Weight	23KGS	**Screen Weight**	17KGS

9 rolls

9 sets Packing

Flight case Size	L900mmXH800mmXW900mm	**Sceen Unit**	9 set
Flight case volume	0.65CBM	**Screen Area**	10.125sqm
Total Weight	185KGS	**Screen Weight**	152KGS

Screen Unit:

Dia. 30~35cm

75cm

75cm

150cm

Specification

Model	GOB-M1.25	GOB-M1.56	GOB-M1.953	GOB-M2.604	GOB-M3.91
Configuration	SMD1010	SMD1010	SMD1010	SMD1515	SMD2121
Pixel Pitch	1.25mm	1.5625mm	1.953mm	2.604mm	3.91mm
Module Size (mm)	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5
Module Resolution (pixels)	200X50	160X40	128X32	96X24	64X16
Screen Unit Size (meter)	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5
Screen Resolution (pixels)	600X1200	480X960	384X768	288X576	192X384
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Colors	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536
Refreshing Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scan Mode	1/50	1/40	1/32	1/24	1/16
Brightness	>600cd/m²	>600cd/m²	>600cd/m²	>800cd/m²	>800cd/m²
Viewing Distance (meter)	≥1.2	≥1.5	≥1.9	≥2.6	≥3.9
Screen Weight (kg/m²)	15	15	15	15	15
Viewing Angle (°)	140	140	140	140	140
Input Voltage (V)	DC24V	DC24V	DC24V	DC24V	DC24V
Max Power Consumption	510W/sqm	510W/sqm	510W/sqm	510W/sqm	510W/sqm
Ave Power Consumption	170W/sqm	170W/sqm	170W/sqm	170W/sqm	170W/sqm
Temperature	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)
	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)
IP Level	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21
Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Lifespan (hours)	100,000	100,000	100,000	100,000	100,000
Maintemance Way	front & rear	front & rear	front & rear	front & rear	front & rear
LED	Nationalstar/Kinlight/LEDTech				
IC	ICN2076				
Control System	Built-in Novastar A5S plus/colorlight receiving card				

Application I   FAST DISPLAY

LED Fast Display is one of the popular applications of LED Rolling Display series. With the unique patent strcuture
of LED Rolling Display and the power of hydraulic lifting system, LED Fast Display can be up and down automatically
with free installation and shakedown. And all in one flight case makes it easy to move to everywhere you want to go.
It is mainly used somewhere need to be temporary contruction and display, like wedding scene, conference site and party,
etc.

installion free

one-key operation

events like wedding

classroom

conference

mobile theater

Model I:

(H) 3,000mm X (W) 1,500mm

Weight: 350KGS

Model II:

(H) 3,000mm X (W) 2,000mm

Weight: 430KGS

*   All in one flight case

*   The size can be customized according to your demands.

Features

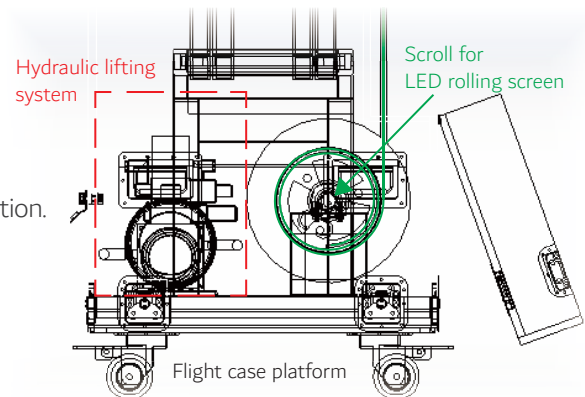Pixel Pitch option: P0.9, P1.2, P1.5, P1.9, P2.6, P3.9

Convenient operation using remote controller or one-key operation.

All in one flight case body.

DC24V input for screen part, safety use.

Free installation & shakedown.

3-year warranty and life-long maintenance

Hydraulic lifting system

Scroll for LED rolling screen

Flight case platform

| Model	FD-15	FD-20	CUSTOM
Screen area:	4.5m²	6m²	up tp 20m²
Screen size:	H: 3m X W: 1.5m	H: 3m X W: 2m	up to 6m X3m
Flight case width:	0.6m	0.6m	Max. 0.8m
Flight case length:	1.8m	2.3m	Max. 3.3m
Max. screen height: (from ground to top)	3.5m	3.5m	6.m
Weight:	350KGS	430KGS	up to 800KGS
Remote controller:	yes	yes	yes
IP rating:	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)

Application II LED ROLLING FLOOR

Thanks for the patented technology of LED Rolling Display, Rolling Floor Display is designed for replacing the conversional LED Floor Screen, which can be installed as simple as laying a carpet. Without PC mask, LED Rolling Floor Display can get the more excellent appearance and display effect in high contrast, and comparing with the conversional LED Floor screen, it is without the splicing gap problem, better flatness and integrity.

Conversional LED Floor Display

LED Rolling Floor

PK
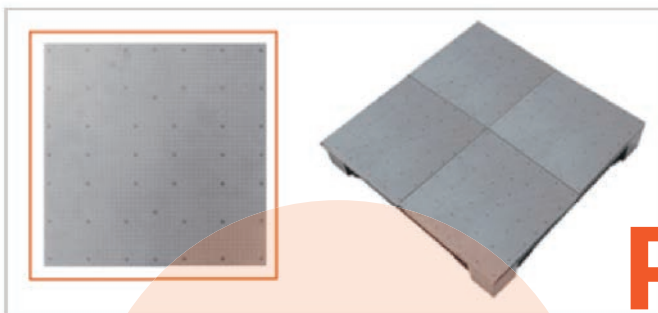
*   Mask shading & cross light
*   Obvious splicing gap & screw points
*   Poor apprearance & display effect
*   Low contrast
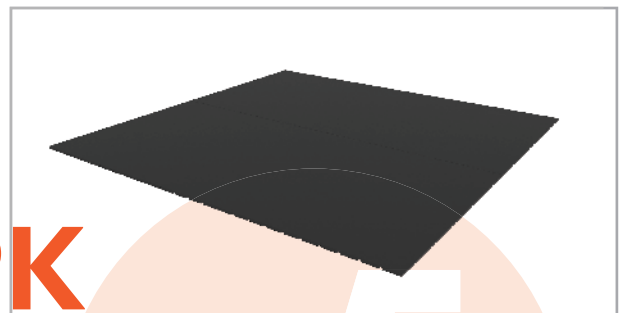
*   Without PC mask
*   Without gap, clearly display
*   Excellent appearance & display effect
*   High contrast

Advantages

Fine Pitch P0.9, P1.2, P1.5, P1.9, P2.6, P3.9 all available

No splicing gap & screw points

No need supporting structure, directly lay on the ground

Smaller storage space, 10sqm just need 0.65CBM flight case

Ultra light, 15KGS/sqm

Features

Pixel Pitch option: P0.9, P1.2, P1.5, P1.9, P2.6, P3.9

High precision seamless splicing

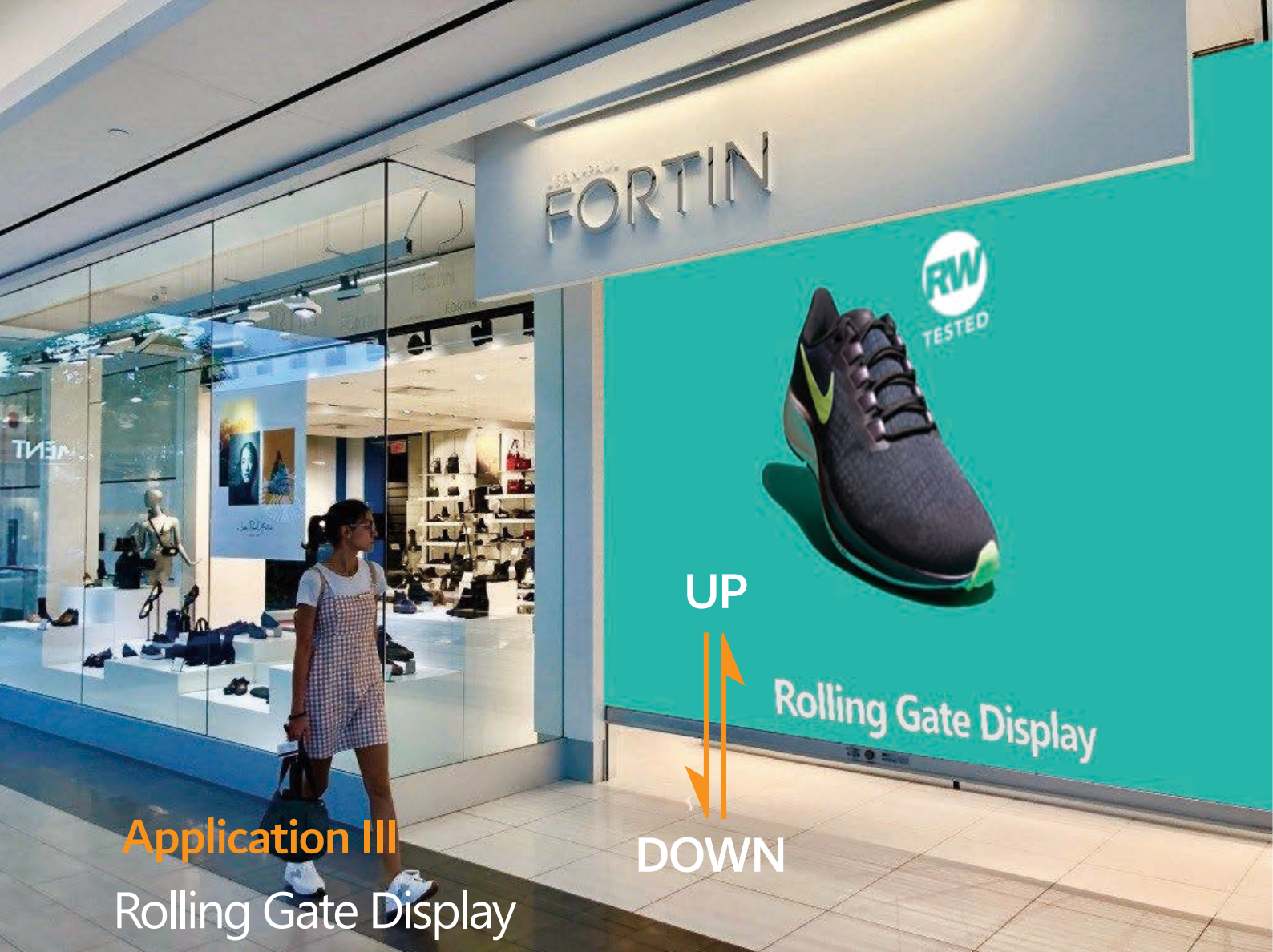Top protection GOB HD display

Ultra wide viewing angle

Low voltage 24V/DC input ensure safer use

Exquisite structrue ensures to bear more than 2.5 tons

Specification

Model	GOB-M1.25	GOB-M1.56	GOB-M1.953	GOB-M2.604	GOB-M3.91
Configuration	SMD1010	SMD1010	SMD1010	SMD1515	SMD2121
Pixel Pitch	1.25mm	1.5625mm	1.953mm	2.604mm	3.91mm
Module Size (mm)	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5
Module Resolution (pixels)	200X50	160X40	128X32	96X24	64X16
Screen Unit Size (meter)	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5
Screen Resolution (pixels)	600X1200	480X960	384X768	288X576	192X384
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Colors	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536
Refreshing Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scan Mode	1/50	1/40	1/32	1/24	1/16
Brightness	>600cd/m²	>600cd/m²	>600cd/m²	>800cd/m²	>800cd/m²
Viewing Distance (meter)	≥1.2	≥1.5	≥1.9	≥2.6	≥3.9
Screen Weight (kg/m²)	15	15	15	15	15
Viewing Angle (°)	140	140	140	140	140
Input Voltage (V)	DC24V	DC24V	DC24V	DC24V	DC24V
Max Power Consumption	520W/sqm	520W/sqm	520W/sqm	520W/sqm	520W/sqm
Ave Power Consumption	174W/sqm	174W/sqm	174W/sqm	174W/sqm	174W/sqm
Temperature	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)
	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)
IP Level	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21
Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Lifespan (hours)	100,000	100,000	100,000	100,000	100,000
Maintemance Way	front & rear	front & rear	front & rear	front & rear	front & rear
LED	Nationsalstar/Kinglight/LEDTech				
IC	ICN2076				
Control System	Built-in A5S plus receiving card/colorlight				

UP

DOWN

Application III

Rolling Gate Display

Rolling Gate Display is a wonderful and amazing application special for the place where the rolling gate is installed.

It can extend the brand value in off-work time and rich the night view of the city, meanwhile it also can be used as the rolling door. IK10 anti-collision and IP65 waterproof class make sure it can resist the impact outside.

With its principle, Rolling Gate Display also can be used to classroom, shopping mall, meeting room and showroom, etc. where frequently need to be displayed and hidden.

Features

Pixel Pitch option: P1.2, P1.5, P1.9, P2.6, P3.9

One-key lifting system

GOB technology, IK10 and IP63 (front) proof

DC24V input for screen part, safety use

Universal size can be customized

Model	RG-15	CUSTOM
Screen area:	5m²	up tp 25m²
Screen size	H: 2m X W: 2.5m	up to 5m X5m
Brightssness	600~800nits	600~800 nits
Servo Motor Wattage	2400W	Max. 5000W
Rated torsion	140N.W	300N.W
Weight:	120KGS	up to 500KGS
Remote controller:	yes	yes
IP rating:	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)

Application IV

ROLLING POSTER DISPLAY

Features

Ultra-light & Ultra-slim

Rolling Poster Display is designed in frameless. When replaced side by side, it can be seamless splicing, make it nearly invisible. The high-end aluminum frame and slim design make the appearance of the Rolling Post Display simple and impactful. The base is equipped with wheels allowing it to be moved easily, and making relocation simple and easy.

Support WIFI, HDMI & USB & Network control

Rolling Poster Display has a built-in media player that is supported by PC & Android Apps. In addition, Rolling Poster Display is equipped with Wi-Fi, providing management via your Mobile device including content publishing. You can also simply just plug a USB Thumb drive to play content directly to the Poster Display.

Small Storage Space & Easy-carrying

Just one bag (around 80cm length and 15KGS weight) can hold when the rolling poster display need to be moved or carried.

PD-D02
Double Side

40mm

PD-S01
Single Side

30mm

Multi-Screen Splicing

Multi-screen cascade brings a unique visual experience. Rolling Poster Display single-screen mode and split-screen mode. You can splice different numbers of Poster Display together, creating a large video wall display of up to 6 units sync'd together at a ratio of 16:9.

With the addition of an external video wall processor, 10~16 units can be sync'd together for up to a 4K resolution.

Fixed and Installing

Floor Stand, wall-mounted, hanging, etc.

Specification

Model	PD-S01 (single side)	PD-D02 (double side)
Screen Size	(H)1.5mX(W)0.75m	(H)1.5mX(W)0.75m
Screen Area	1.125m²	1.125m²X2
Height	1.6m	1.6m
Width	750mm	750mm
Thickness	30mm	40mm
Brightness	600~800nits	600~800nits
Weight:	25KGS	42KGS
Remote controller	Wifi, USB, HDMI, Network	Wifi, USB, HDMI, Network
IP rating:	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)

** P0.9, P1.2, P1.9, P2.6, P3.9 are available.

Application V ROLLING TV

Benifited from the small carrying size and simple installation, you can get your private theater and stage, only with two camera brackets. Put a ROLLING TV with 2K screen in the trunk of the car and take it wherever you want to go. Which will make your party or family camping more funny and colorful.

Novastar TU20 video processor

Hanging Sliding Rail

Right/left Splicing Bar

Fixed Bar

Hanging bar/Updown right/left connection bar

Adjustable Hook   Hanging Ring

Features

* Pixel Pitch: P1.25

* Ultra-slim (thickness: 10mm) & ultra-light weight (13KGS/sqm) design

* Front & Rear service

* Hanging/wall mounted optional

* Small storage space, one flight case in 0.6CBM

* Easy and rapid installation

* Support Wi-Fi, HDMI & USB & Network control by PC, Android and ISO system.

Model	RT-1.25
Screen Size	(W)1.75mX(H)1m
Screen Resolution	1,400 X 800 (1080p)
Screen Brightness	600nits
Refreshing Rate	3,840Hz
Screen Unit Size	1mX0.75m (1 roll)
	1mX1m (1 roll)
Weight	35KGS
Controller System	Novastar TU20
IP rating	IP63 (front)/IP21 (rear)

Package Include:

P1.25 LED Rolling Display Unit (2 rolls)

Novastar Meeting Media Player (1 pc)

Camera Bracket (2 sets)

Adjustable Hook (2 pcs)

Hanging Bar with 2 hanging rings (2 sets)

Supporting Bar with Sliding rail and Pulley

Cat6 cable (25ft)

Power Supply Unit: (1 set)
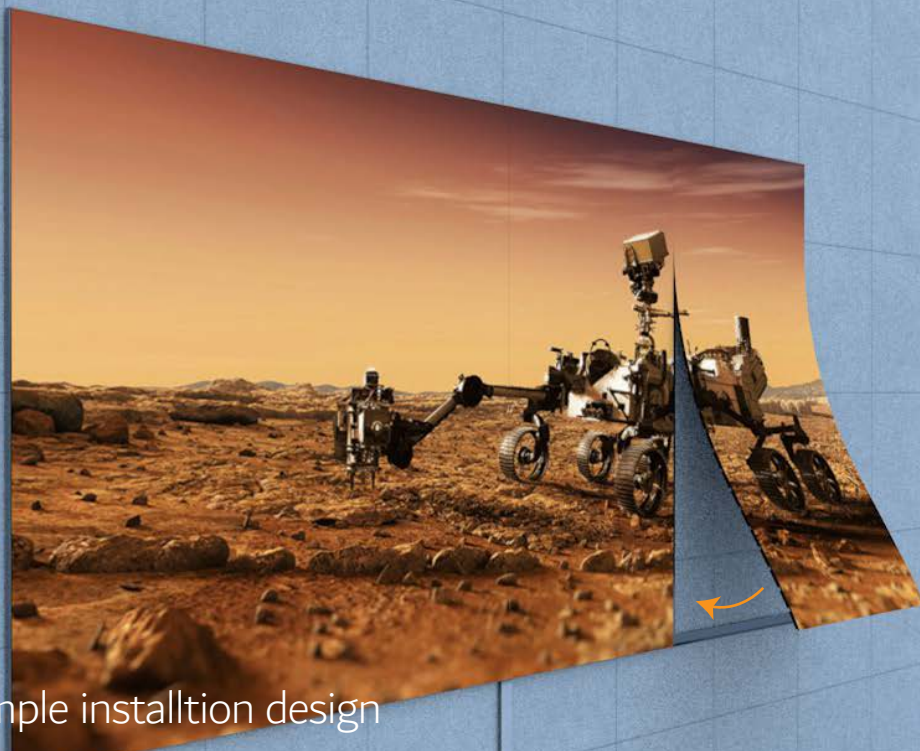
Ultra-slim & simple installtion design

Application VI   PICTURE VIDEO WALL

Picture Video Wall is a perfect solution to repalce the traditional Wall Video. No need to destroy the wall, no need the extra structure and no need the complex wiring connection, just a thickness 20mm metal frame can build the whole LED Rolling Display to combine a nice video wall. And the input of screen part is DC 24V, which is safety use. It is the best choice for indoor wall video application, like meeting room, museum, shopping mall, and airport, etc.

Features

Pixel Pitch option: P0.9, P1.2, P1.5, P1.9, P2.6, P3.9

Supper slim 15~20mm installation thickness

Supper light 15KGS per sqm, easy to carry

Simple wiring connection, plug and play

Front & rear service

GOB technology, anti-collision and waterproof IP63 (front)

Centralized power management, maintenance no need to be removed the module

Installation

1. Fixed the frame on the wall;

2. Spread the rolling display unit;

3. Put the rolling display on the frame and it will be adsorbed to the frame by magnetic table.

Specification

Model	GOB-M1.25	GOB-M1.56	GOB-M1.953	GOB-M2.604	GOB-M3.91
Configuration	SMD1010	SMD1010	SMD1010	SMD1515	SMD2121
Pixel Pitch	1.25mm	1.5625mm	1.953mm	2.604mm	3.91mm
Module Size (mm)	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5	W250XH62.5
Module Resolution (pixels)	200X50	160X40	128X32	96X24	64X16
Screen Unit Size (meter)	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5	W0.75XH1.5
Screen Resolution (pixels)	600X1200	480X960	384X768	288X576	192X384
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Colors	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536
Refreshing Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scan Mode	1/50	1/40	1/32	1/24	1/16
Brightness	>600cd/m²	>600cd/m²	>600cd/m²	>1,000cd/m²	>1,000cd/m²
Viewing Distance (meter)	≥1.2	≥1.5	≥1.9	≥2.6	≥3.9
Screen Weight (kg/m²)	15	15	115	115	15
Viewing Angle (°)	140	140	140	140	140
Input Voltage (V)	DC24V	DC24V	DC24V	DC24V	DC24V
Max Power Consumption	520W/sqm	520W/sqm	520W/sqm	520W/sqm	520W/sqm
Ave Power Consumption	174W/sqm	174W/sqm	174W/sqm	174W/sqm	174W/sqm
Temperature	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)
	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)
IP Level	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21	IP63/IP21
Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Lifespan (hours)	100,000	100,000	100,000	100,000	100,000
Maintemance Way	front & rear	front & rear	front & rear	front & rear	front & rear
LED	Nationsalstar/Kinglight/LEDTech				
IC	ICN2076				
Control System	Built-in A5S plus receiving card/colorlight				

Application VI   LED SHELF DISPLAY

LED Shelf Display is a special application of LED Rolling Display module unit, which is slim LED advertising screen designed for impact and creative visual marketing. You can upload content with USB, Wifi, 4G, network. You can connect multiple Smart shelf LED Tags to create a large screen or divide the screens to play multiple video product promotions. Light enough to be moved and big enough to be seen at a distance makes our Smart shelf LED Panels a real asset to bussiness.
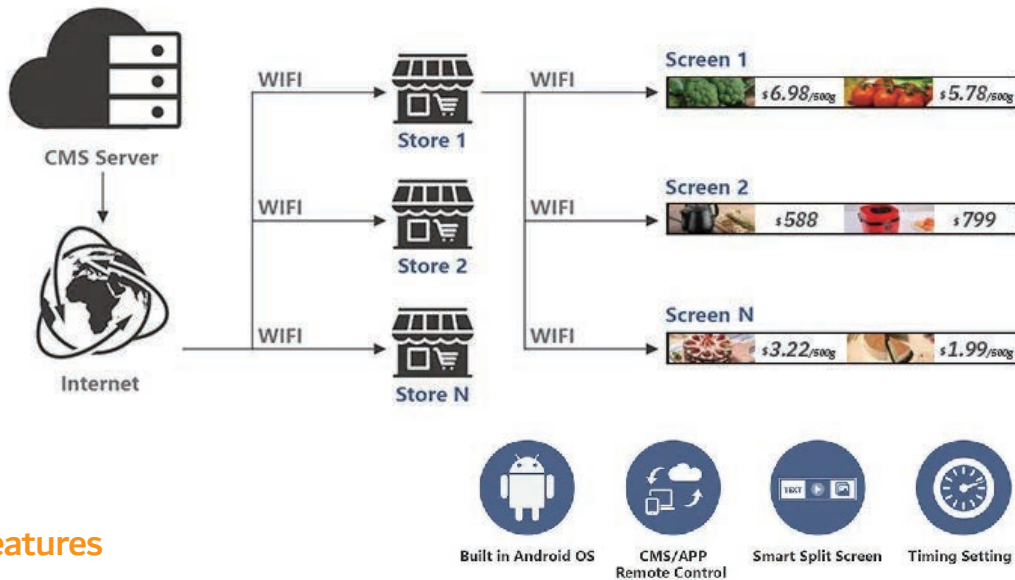
who wish to have a high visual impact to attrack attentions.

PERFECT DIGITAL SHELF SOLUTION
for supermarket shelves of
different length

20"   500mm

30"   750mm

40"   1,000mm

System Features

Features

Super slim and light.

13mm thickness, easy to install and move.

Multiple installation modes, such as stand, wall-mounted and etc.

Plug-in display, simple operation.

Multiple linkage modes, such as single display application, cacaded application and creative application, etc.

USB/WiFi/HDMI/cable connection by PC and Android and ISO management & publish.

Calibration data saved on modules, recover factory setting in 5 seconds.

Model	LS-60	LS-90	LS-120
Pixel Pitch*	1.5	1.5	1.5
Unit size	H: 62.5mm X W: 500mm	H: 62.5mm X W: 750mm	H: 62.5mm X W: 1,000mm
Resolution	320X40 pixels	480X40 pixels	640X40 pixels
Brightness	600~1,000 nits	600~1,000 nits	600~1,000 nits
Refreshing Rate	3,840Hz	3,840Hz	3,840Hz
Weight	0.48kgs	0.72kgs	0.96kgs
Inout Voltage	24V/DC	24V/DC	24V/DC
IP rating:	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)	IP63 (front)/IP21 (rear)

** P0.9, P1.2, P1.9, P2.6, P3.9 are available.

LED Perfect Curve
LED FLEXIBLE DISPLAY

Indoor Flexible-IF series

High flatness High Contrast Gorgeous Appearance

With Patented technology, Perfect Curve series flexible module can help the designer to make any shape and angle.

Available shape: S shape, concave, convex, creative design, cylinder

EMC class B certificates

Concave

45°

Thickness (mm): 25
Weight (kg): 0.70

Convex

Exquiste Design

Bending Line

All the components avoid the bending line, no damage when bending.
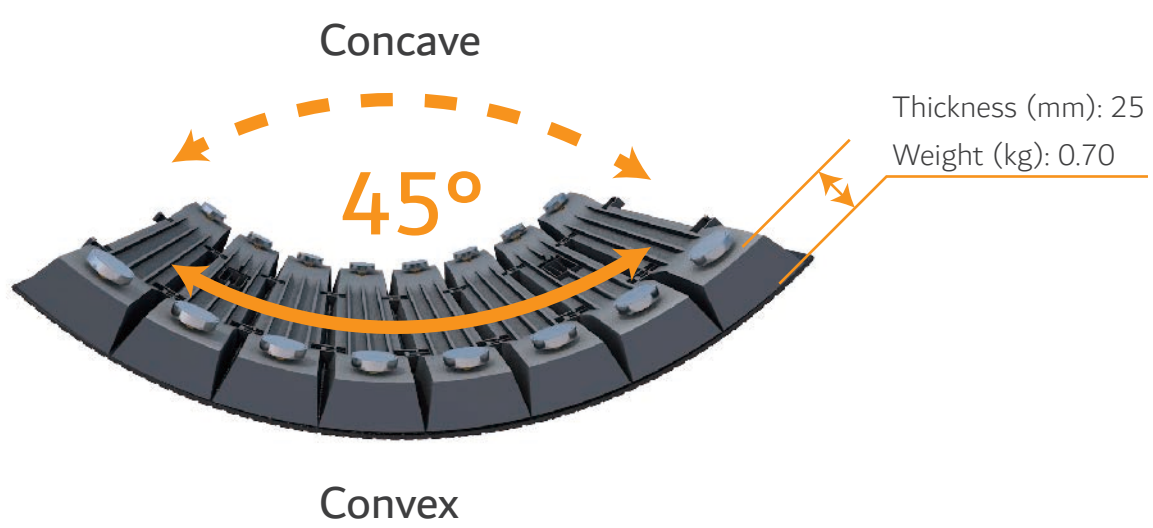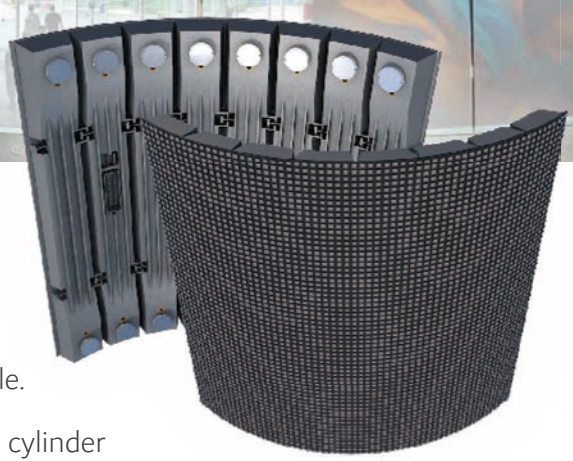
PCB

1. 0.6mm FR4 make the module easier to bend and won't deform.

2. Golden soldering plated avoid the rosin joint, ensure module stability

3. 4-layers (6-layers under P1.9) circuit board Strict compliance with safety standards
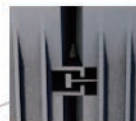
Limit position buckle

Male and female coupling clip make module avoid to be over-bended.

Installation Magnet

Left-right side of module is designed with position pillars and holes to be installed quickly and conveniently. Modules are installed solidly with strong magnets.

Input port

Each module can match the color directly, better color consistency.

Build-in receiving card

Structure

8 modules completes a circle whose minimum diameter is 636.6mm

636.6mm

S shape, concave, convex, creative design, cylinder
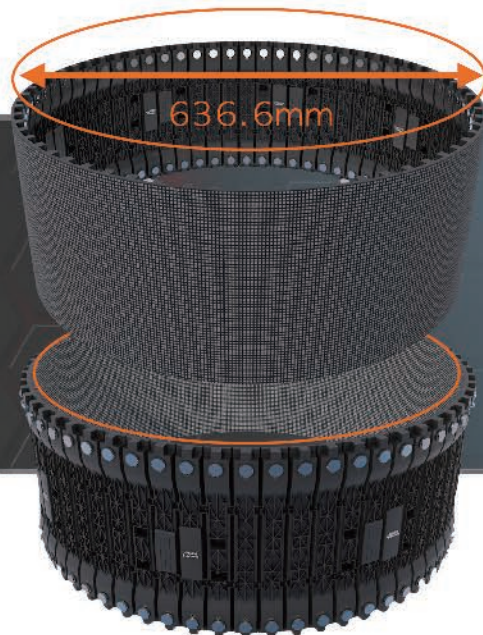
Perfect Curve Design-CNC Aluminum Cabinet
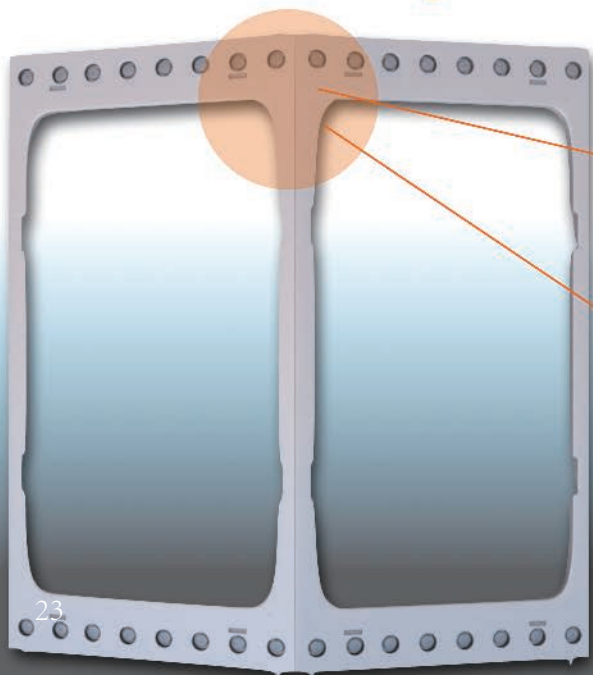
CNC magnet install hole
— with curve degree
— 0.2mm tolerance

Module location hole
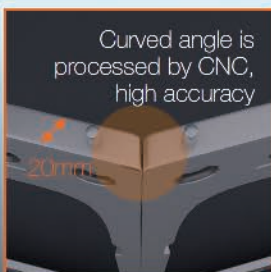
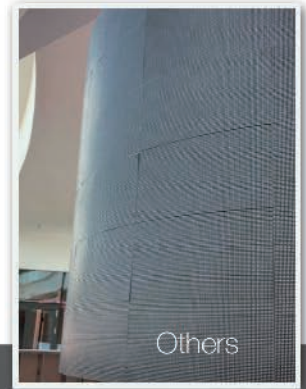Curved angle is processed by CNC, high accuracy

20mm
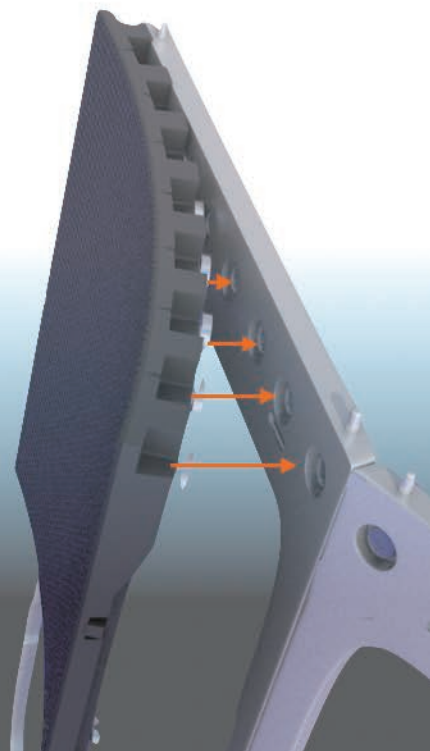
Perfect Flatness

IF series: Seamless conjunction.

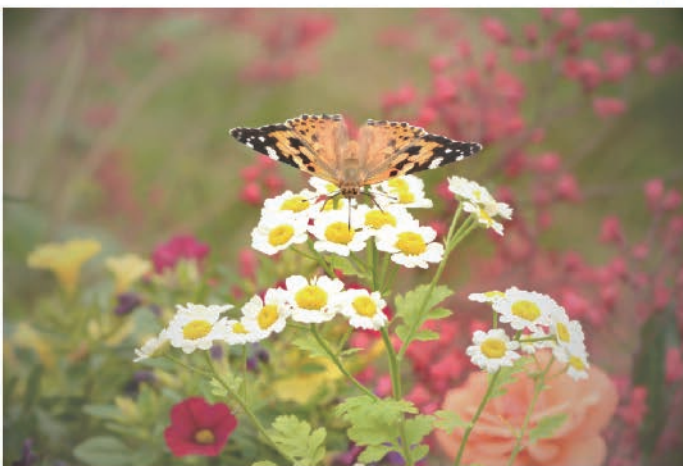Others: The edge of the module is tilted after screen some times working.
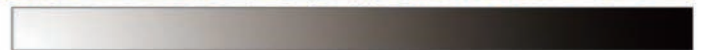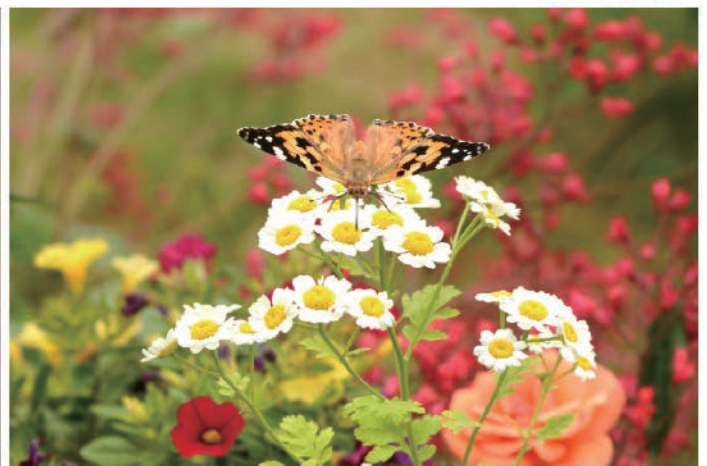

IF series

Others

Front Installation & Front Maintenance

Magnetic module front service equipped with magnet tool
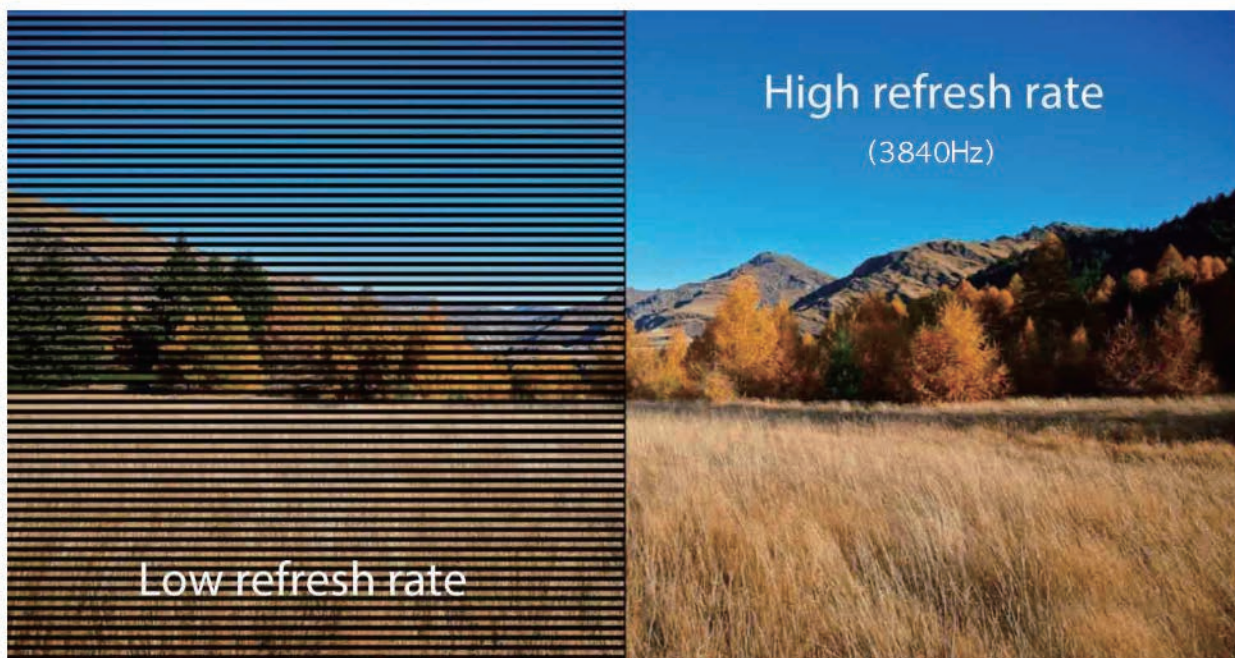

Picture Quality

High Gray Scale

8 bit

14~16 bit

16-bit color processing provides a higher greyscale level, which seamlessly displays different depths and densities of colors without distortion, thereby giving a more realistic and sophisticated content.

High Refresh Rate

High refresh rate
(3840Hz)

Low refresh rate

The high refresh rate of 3,840Hz assures the smooth playback of content. The flicker-free image prevents the black bars that occur from video shooting, as well as eye strain and blurred vision in viewers.

250mm IF Series Indoor Flexible Module						
	Model	IF-R1.25	IF-R1.56	IF-R1.953	IF-R2.604	IF-R3.91
Brief Parameter	Configuration	SMD0808	SMD1010	SMD1010	SMD1515	SMD2121
	Pixel Pitch	1.25mm	1.5625mm	1.953mm	2.604mm	3.91mm
	Module Size(mm)	250 x 250mm	250 x 250mm	250 x 250mm	250 x 250mm	250 x 250mm
	Module Resolution (pixels)	200 x 200 pixels	160 x 160 pixels	128 x 128 pixels	96 x 96 pixels	64 x 64 pixels
Electronic Parameter	Color Depth	12-16 bit	12-16 bit	12-16 bit	12-16 bit	12-16 bit
	Colors	4096-65536	4096-65536	4096-65536	4096-65536	4096-65536
	Refresh Rate（Hz）	≥3000 Hz	≥3000 Hz	≥3840 Hz	≥3840 Hz	≥3840 Hz
	Scan Mode	1/29	1/32	1/32	1/24	1/16
Optimal Parameter	Brightness	≥ 600CD/㎡	600-800CD/㎡	600-800CD/㎡	≥ 800CD/㎡	≥ 1000CD/㎡
	Viewing Distance (meter)	≥ 1.3m	≥ 1.5m	≥ 1.9m	≥ 2.6m	≥ 3.9m
	Viewing Angle（°）	110°	110°	110°	110°	110°
Electrical Parameter	Input Voltage（V）	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz	100-240 V/ 50-60 Hz
	Max Power Consumption	850w/sqm	800w/sqm	600w/sqm	600w/sqm	480w/sqm
	Ave Power Consumption	260w/sqm	250w/sqm	180w/sqm	180w/sqm	145w/sqm
Ambient Environment	Temperature	-20 ℃/+50℃ (working)	-20 ℃/+50℃ (working)	-20 ℃/+50℃ (working)	-20 ℃/+50℃ (working)	-20 ℃/+50℃ (working)
		−40 ℃/ +60℃ (storage)	−40 ℃/ +60℃ (storage)	−40 ℃/ +60℃ (storage)	−40 ℃/ +60℃ (storage)	−40 ℃/ +60℃ (storage)
	IP Level	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21
	Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
		10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Maintenance	Lifespan（hours）	100000	100000	100000	≥100,000	≥100,000
	Maintenance Way	front/rear	front/rear	front/rear	front/rear	front/rear
Components	LED	Kinglight/Nationstar			Kinglight/Nationstar	
	IC	ICN2076	ICN2076	ICN2076	ICN2153	ICN2153
Controller	Control Way	Built-in NOVA B5s receiving card			NOVA/ Colorlight	

LED Perfect Curve
LED FLEXIBLE DISPLAY

Outdoor Flexible-OF series

High flatness High Contrast Gorgeous Appearance

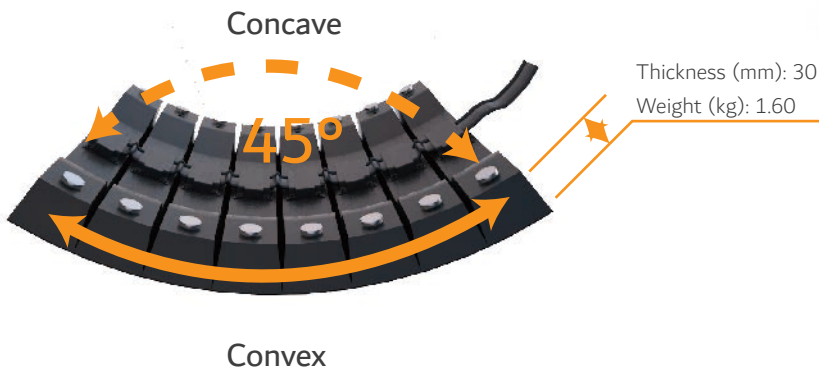IP68 waterproof--The module can work under water.
Metal Mask--Anti-UV, anti-aging & no deformation, and improve the contrast of display.
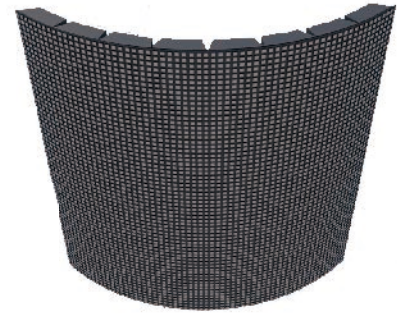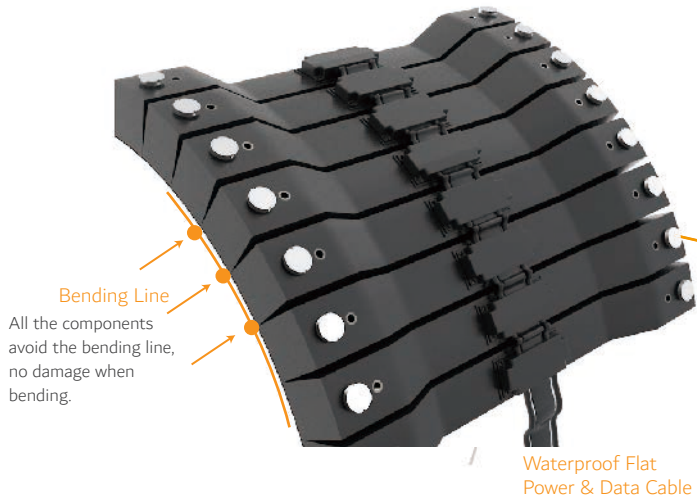P2.54 Pixel Pitch is available

Available shapes: S shape, concave, convex, creative design, cylinder
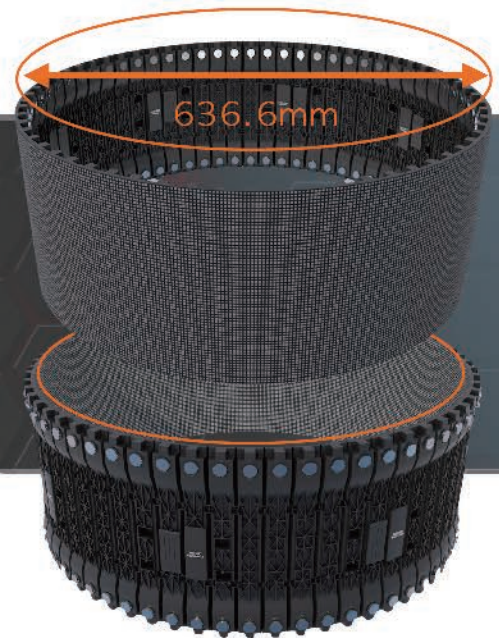
IP68, Metal Mask, P2.54

Concave

45°

Thickness (mm): 30
Weight (kg): 1.60

Convex

Exquiste Design

Metal Mask
UV stop, anti-aging & no deformation, and improve the contrast of display.

Installation Magnet
Left-right side of module is designed with position pillars and holes to be installed quickly and conveniently. Modules are installed solidly with strong magnets.

Bending Line
All the components avoid the bending line, no damage when bending.

Waterproof Flat Power & Data Cable

Structure

8 modules completes a circle whose minimum diameter is 636.6mm

636.6mm

S shape, concave, convex, creative design, cylinder

Waterproof Iron Cabinet

Waterproof IP68 Power & Data Flat Cable

Waterproof IP68 Control Box Power Suppply & Hub inside
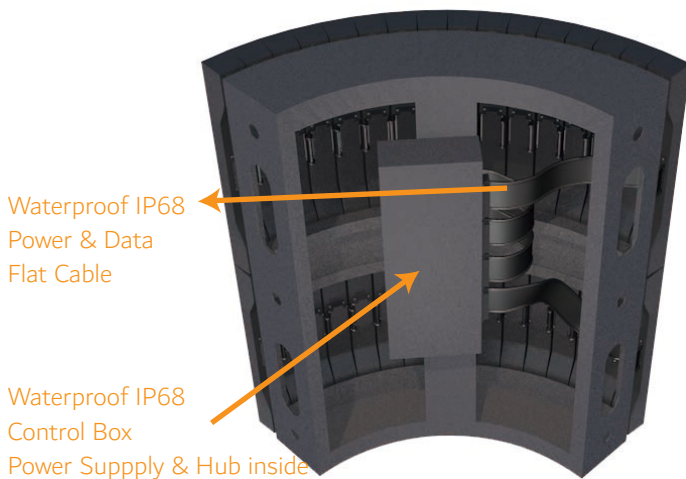
Rear view

Perfect Flatness

OF series: Seamless conjunction.

Others: The edge of the module is tilted after screen some times working.

OF series

Others

Front Installation
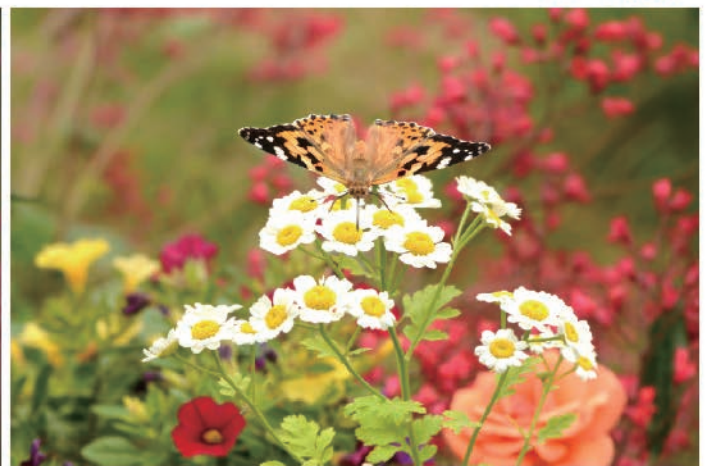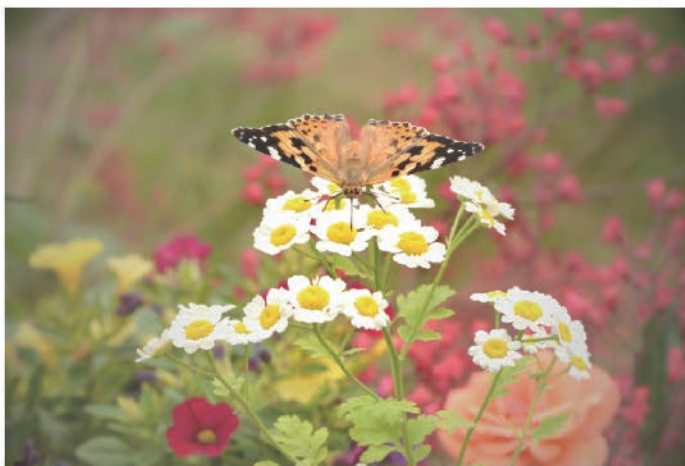## & Front Maintenance

Magnetic module front service equipped with magnet tool
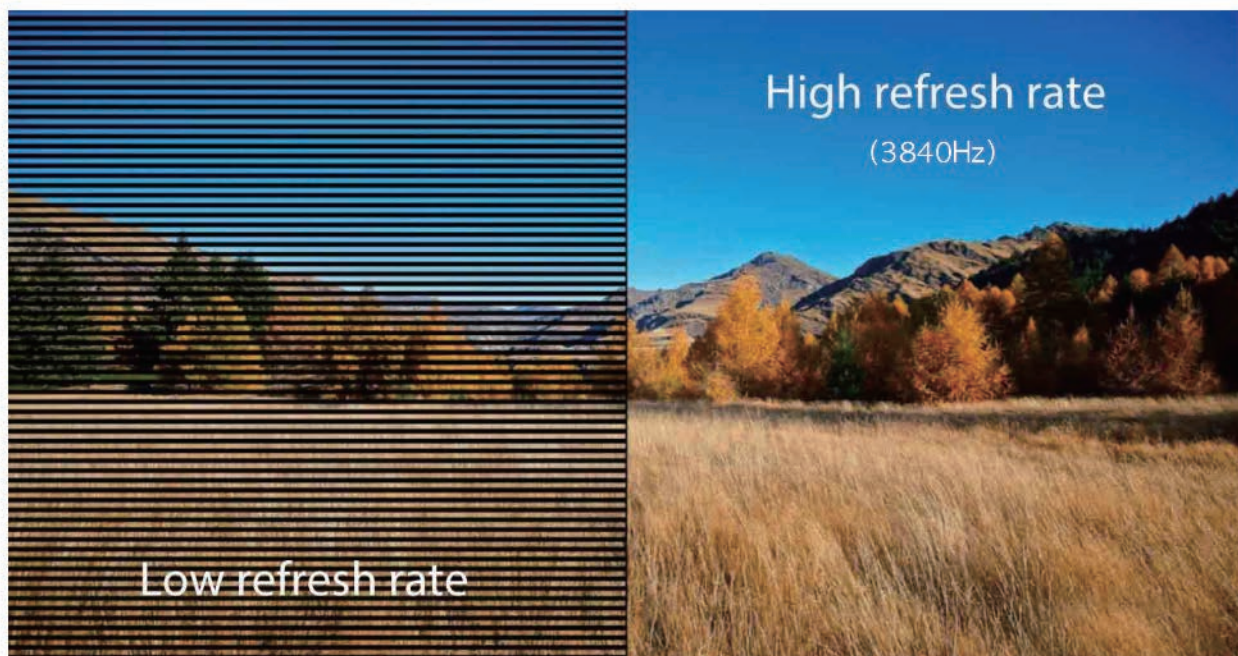

Picture Quality

High Gray Scale

8 bit

14~16 bit

16-bit color processing provides a higher greyscale level, which seamlessly displays different depths and densities of colors without distortion, thereby giving a more realistic and sophisticated content.

High Refresh Rate

High refresh rate (3840Hz)

Low refresh rate

The high refresh rate of 3,840Hz assures the smooth playback of content. The flicker-free image prevents the black bars that occur from video shooting, as well as eye strain and blurred vision in viewers.

Specification

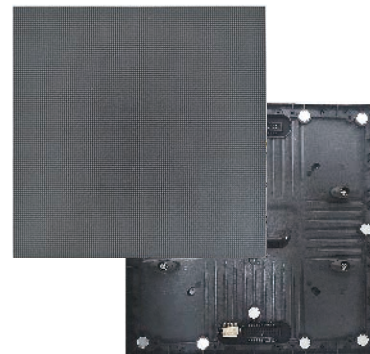| Model	OF-R2.54	OF-R3.81	OF-R6.67	OF-R8	OF-R10
Configuration	SMD1415	SMD1921	SMD2727	SMD3535	SMD3535
Pixel Pitch	2.54mm	3.81mm	6.67mm	8mm	10mm
Module Size (mm)	W304.8XH304.8	W304.8XH304.8	W320XH320	W320XH320	W320XH320
Module Resolution (pixels)	120X120	80X80	48X48	40X40	32X32
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Colors	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536
Refreshing Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scan Mode	1/15	1/10	1/6	1/4	1/2
Brightness	>5,000~5,500cd/m²	>5,000~5,500cd/m²	>6,000cd/m²	>6,000cd/m²	>7,000cd/m²
Viewing Distance (meter)	≥2.5	≥3.8	≥6.6	≥8	≥10
Viewing Angle (°)	120	120	120	120	120
Input Voltage (V)	DC5V	DC5V	DC5V	DC5V	DC5V
Max Power Consumption	800W/sqm	800W/sqm	800W/sqm	800W/sqm	800W/sqm
Ave Power Consumption	250W/sqm	250W/sqm	250W/sqm	250W/sqm	250W/sqm
Temperature	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)
	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)
IP Level	IP68/IP68	IP68/IP68	IP68/IP68	IP68/IP68	IP68/IP68
Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Lifespan (hours)	100,000	100,000	100,000	100,000	100,000
Maintenance Way	front & rear	front & rear	front & rear	front & rear	front & rear
LED			Nationsalstar/Kinglight/LEDTech		
IC	ICN2076	ICN2153	ICN2038S	ICN2038S	ICN2038S
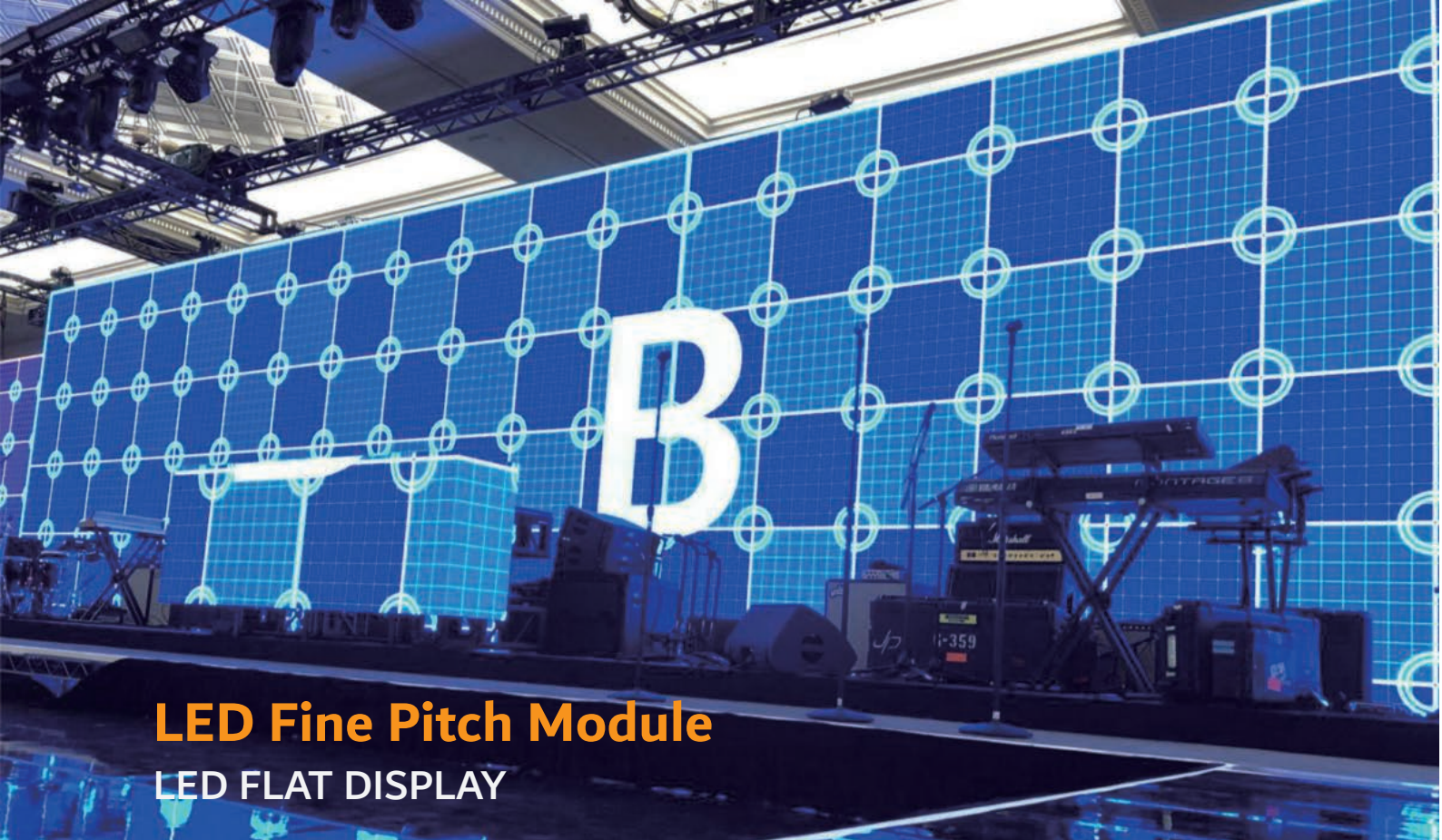
LED Fine Pitch Module
LED FLAT DISPLAY

Indoor Flat-IT series
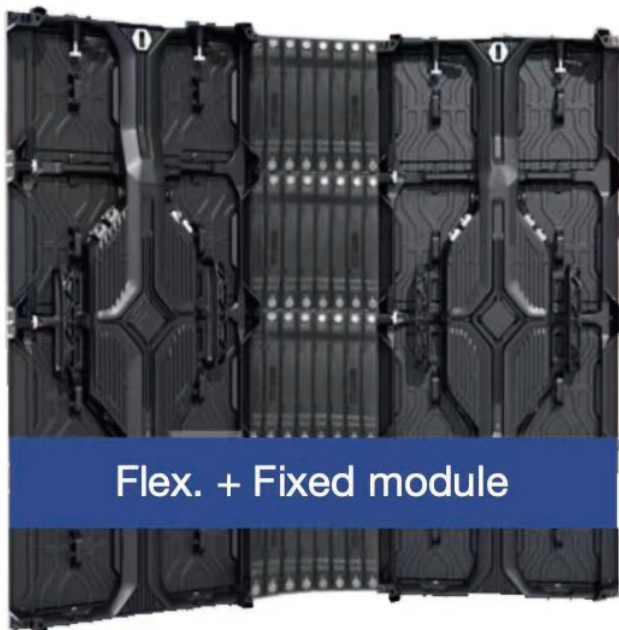
2.0mm thickness PCB design
Module Size: 250X250mm
GOB technology is optional.
EMC-class B certificates
Magnetic Fixation
Frontal black platic mask
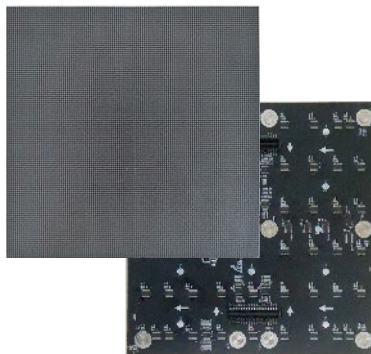
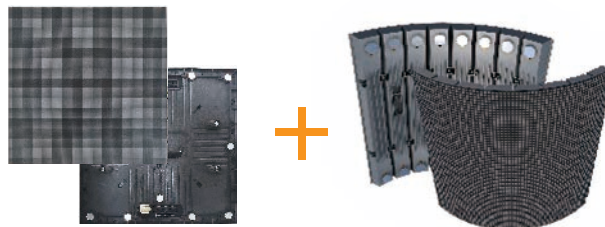Module A: P0.9, P1.25, P1.56   Module B: P1.9, P2.6, P3.9

Flex. + Fixed module

 +

Can joining with Indoor Flexible Module IF series together to realize a variety of design

Cabinet

Cabinet weight 4kgs only, wasy to move and install.
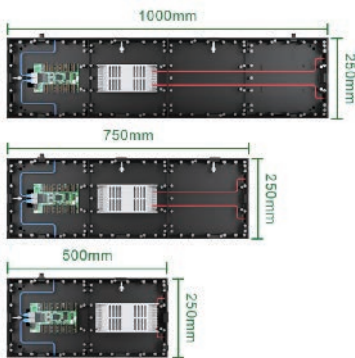
Cabinet thickness 40mm only, slim design.

Due casting cabinet, higher splicing preciseness, better flatness.

Full front access, all the parts can be serviced from front side, no installation space required behind the cabonet.
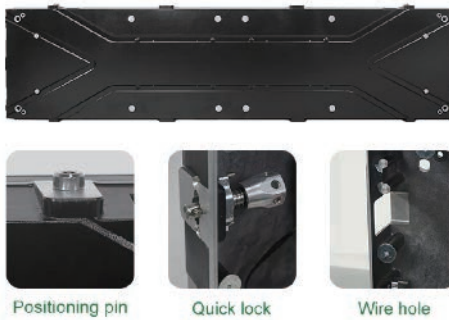
Installation: hanging, stacking, wall mounting.

Multiple sizes

Cabinet details

Positioning pin   Quick lock   Wire hole

Right angle splicing

Specification

	Module A	Module A	Module B	Module B	Module B
Model	IT-F1.25	IT-F1.56	IT-F1.953	IT-F2.6	IT-F3.9
Configuration	SMD1010	SMD1010	SMD1010	SMD1515	SMD2020
Pixel Pitch	1.25mm	1.5625mm	1.953mm	2.603mm	3.91mm
Module Size (mm)	W250XH250	W250XH250	W250XH250	W250XH250	W250XH250
Module Resolution (pixels)	200X200	160X160	128X128	96X96	64X64
Color Depth	12~16bit	12~16bit	12~16bit	12~16bit	12~16bit
Colors	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536	4,096~65,536
Refreshing Rate (Hz)	≥3,840	≥3,840	≥3,840	≥3,840	≥3,840
Scan Mode	1/29	1/32	1/32	1/24	1/16
Brightness	>600~800cd/m²	>600~800cd/m²	>800~1,000cd/m²	>800~1,000cd/m²	>800~1,000cd/m²
Viewing Distance (meter)	≥1.2	≥1.5	≥1.9	≥2.6	≥3.9
Viewing Angle (°)	140	140	140	140	140
Input Voltage (V)	DC5V	DC5V	DC5V	DC5V	DC5V
Max Power Consumption	800W/sqm	800W/sqm	800W/sqm	800W/sqm	800W/sqm
Ave Power Consumption	250W/sqm	250W/sqm	250W/sqm	250W/sqm	250W/sqm
Temperature	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)	-20°C/+50°C (working)
	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)	-40°C/+60°C (storage)
IP Level	IP31/IP31	IP31/IP31	IP31/IP31	IP31/IP31	IP31/IP31
Humidity	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)	10%~60% (working)
	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)	10%~90% (storage)
Lifespan (hours)	100,000	100,000	100,000	100,000	100,000
MaintemAnce Way	front & rear	front & rear	front & rear	front & rear	front & rear
LED			Nationsalstar/Kinglight/Huaguang		
IC	ICN2055	ICN2055	ICN2055	ICN2153	ICN2153

Outdoor LED Module
LED FLAT DISPLAY

Outdoor Flat-OT series

Pixel Pitch: P3.91

Module Size: 250X250mm

IP68 Waterproof Level

Metal Mask-Anti UV

Ventilating valve design

Full rear maintenance

Fixing and Installing

Fixation with screws-The modules are attached to the cabinet structure by screws. This is the most standard and usual way on LED Display.

Magnetic fixation- For quick subsitutions where maintenance has to be done in a few seconds. For this function, the screws are replaced by magnets.

Metal Mask design

Anti-UV, anti-aging & no deformation, and improve the contrast of display.

Ventilating valve design

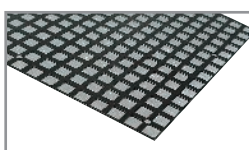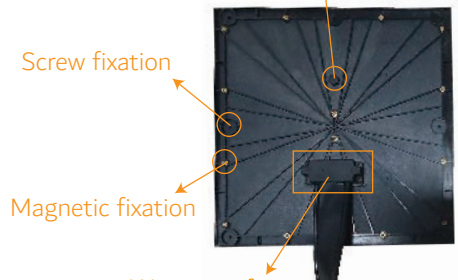Balance the pressure defference between the interior of the module and the surrounding environment. And make sure the water cannot enter the module.

Ventilating valve

Screw fixation

Magnetic fixation

IP68 waterproof

The module can work under water.
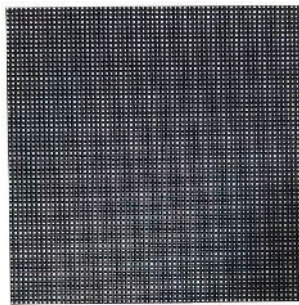
Metal Mask

Waterproof
flat power and
data cable

Cabinet

Waterproof Iron Cabinet

Customized Iron Cabinet
The cabinet can be customized according to the project details.

Control Box
IP68 waterproof control box, power supply, hub+receiving card inside.

Aircraft Connector
All main wiring connection use aircarft connector to ensure the IP 68 waterproof.

Rear Maintenance
Full rear maintenance and service.

Specification

Model	OT-F3.9
Configuration	SMD1921
Pixel Pitch	3.91mm
Module Size (mm)	W250XH250
Module Resolution (pixels)	64X64
Color Depth	12~16bit
Colors	4,096~65,536
Refreshing Rate (Hz)	≥3,840
Scan Mode	1/10
Brightness	>5,000~6,500cd/m²
Viewing Distance (meter)	≥3.91
Viewing Angle (°)	120
Input Voltage (V)	DC24V
Max Power Consumption	800W/sqm
Ave Power Consumption	250W/sqm
Temperature	-20°C/+50°C (working)
	-40°C/+60°C (storage)
IP Level	IP68/IP68
Humidity	10%~60% (working)
	10%~90% (storage)
Lifespan (hours)	100,000
Maintemance Way	front & rear
LED	Nationsalstar/Kinglight/LEDTech
IC	ICN2153