



ENBON **CATALOGUE**

2023

Create a most respected [international brand](#) with social
value and sustainable development

ENBON WAS FOUNDED IN **2009**

It is composed of Chinese mainland and Taiwan joint venture, the high and new technology company set research and development. Production and foreign trade service center in one.

ENBON R&D TEAM

Enbon R&D team is composed of senior technical personnel engaged in LED many years, it through independent research and development, our company has been through independent research and achieved a number of patents since it founded, In addition, the company relies on Taiwan shareholder of the company's regional resource advantage, successively with Taiwan Epstar, Taiwan Optotech, at the head of the LED enterprises to establish a long-term strategic cooperative relations, At the same time, our company has mastered a lot of visual effects exclusive manufacturing technology in LED.



Enbon products cover two series of direct plug-in (DIP) and SMD surface mount



MISSION

Cultivate outstanding individuals, achieve efficient teams, create outstanding enterprises, and output value for the society



VISION

Create a most respected international brand with social value and sustainable development



VALUES

Hard work, self-criticism, positive, sincere and loving, team work, customer achievement;
Take on challenges and do things we think we can't do

Enbon products cover two series of direct plug-in (DIP) and SMD surface mount, which fully meets the requirements of different point spacing, visual distance, brightness and environmental requirements for applications. Established a complete product development, production and quality management system, It has 8 fully-automatic imported SMT production lines, 4 fully-automatic printing machines, and 2 fully automatic drying lines for outdoor products, which can fully meet the needs of different orders and specifications. The products have passed CCC, FCC, CE, IAF, ROHS and other international Standard certification.



“

Our vast distributor and service network spans 6 continents and most major cities around the globe

CEO

Charles

Hunan University of Technology

Taiwan University of Chinese Culture

Shenzhen **Enbon** Optoelectronics CO.,Ltd

Shenzhen **Hongmao** Investment CO.,Ltd

Beijing **Yuanzhi Ruiguang** Technology CO.,Ltd

Shenzhen **Hengye Yongtai** Electronics CO.,Ltd

Shenzhen **Global Wuxin** Optoelectronics CO.,Ltd

Enbon Holdings CO.,Ltd

Ruiling Holdings CO.,Ltd

Hunan University of Technology Shenzhen Alumni Association

B D

B D

G M

G M

G M

CEO

CEO

CEO

CEO

V P



Initiator

Queenena

Hunan University of Technology

Shenzhen **Hongmao** Investment CO.,Ltd

Shenzhen **Enbon** Optoelectronics CO.,Ltd

Beijing **Yuanzhi Ruiguang** Technology CO.,Ltd

Certificate of possession:

Familiar with data collection, processing and providing new data analysis for decision making

CST

MD

MD

CTO

CCNA, CDA



Jason^{VP}

Nara Sangyo University

Dalian **Yinggu** Information

Shenzhen **Enbon** Optoelectronics CO.,Ltd

Certificate of possession:

Marketing

DH

VP

CMAT

March, 2012 Participated in a fundraising event for the reconstruction of the Tohoku Earthquake, raising approximately 500,000 yen.

October, 2018 Led and successfully held the Kids' AU International Summer Camp in Dalian, Liaoning Province, coordinating 20 volunteers.

Received a full scholarship from the Japanese Ministry of Education for three consecutive years while at university.



Alvin^{MD}

Hunan **Institute** of Technology

Shenzhen **Hengzhihui Enterprise** Management CO.,Ltd

Certificate of possession:

Worked in the sales industry for **13 years**

CST

BA

NIIT, CMAT

Good at market analysis, product promotion and team management

Familiar with the overall operation process of sales, able to accurately grasp the needs of customers



Vincent

CIO

Southwest University of Science and Technology

MBA, B.S

Top 500 companies—Foxconn

AMSD

Engaged in LED display sales position since 2010, focused on LED display field for 13 years

Assistant engineer, supervising engineer qualification, help business planner

Personal view: With millions of miles in mind, the mind is as fine as silk



Winnie

DGM

Southwest University

BA, B.S

Shenzhen **Zhaoche** CO.,Ltd

P D

Shenzhen **Innovation Investment** Group CO.,Ltd

CPO,SCM

15 years working experience, more than 10 years experience in production enterprise management

Qualified as a production operations manager, specializing in supply chain refinement management Internal production process management



PM
David

Jilin University

Lixun **Precision** Industry CO.,Ltd

EVOC High-Tech Holdings Group CO.,Ltd

Glory Terminal CO.,Ltd

Shenzhen **Enbon** Optoelectronics CO.,Ltd

CASE, B.S

MD

CAO

POD

HOO

As a senior human resources manager, he has the qualification of marketing manager in China and conducts marketing data analysis according to the development of the company.



CFO
Lydia

Guangdong University of Foreign Studies

State-owned holding company

Certificate of possession:

B.S

PMC

CMA、CPA、TA

More than 10 years of experience in financial management, mastering the company's overall accounts processing

Continues to study financial management, corporate governance, capital operation and strategic planning to escort the development of the company.



HRM
Fay

Hunan **Agricultural** University
Guangxin **Holdings** Group CO.,Ltd
Shenzhen **Xinlitai** Pharmaceutical CO.,Ltd
Shenzhen **Enbon** Optoelectronics CO.,Ltd
Certificate of possession:

B.S
A D
T E
HRM
IQC, CNSPN ,
FRM, CPA,
HRP, Grade 4

Responsible for the company's human resources planning, training and development



CSE
Jessica

Beijing **Foreign** Studies University
Shenzhen **Jufei** Optoelectronics Co.,Ltd
Shenzhen **Huichuan** Technology Co.,Ltd
Shenzhen **Enbon** Optoelectronics Co.,Ltd

DFL, B.S
ASM
HRA
CSE

Personal working philosophy:

Love and dedication to work, customer first, quality service oriented.
No side, keep improving, and create the future with the Division.



Ahlam

DOS

Technical High School **jabber ibnou** hayyan
ENSEM Engineering University
ENSEM Engineering University
 University of **Hassan II** ENSEM
 Akhawyn
 University of **Arts and Humanities**
Praytech maroc Co.Ltd
Shenyang University
 Shenzhen **Enbon** Optoelectronics Co.,Ltd

SEE
 ASE
 CAD2D&3D
 EM, LML,B.S
 MD
 EM
 FC
 MBA,B.S
 MD

I am fluent in English, Arabic and French. And I believe it is important to be punctual, reliable and able to use my own initiative.



Alin

CBO

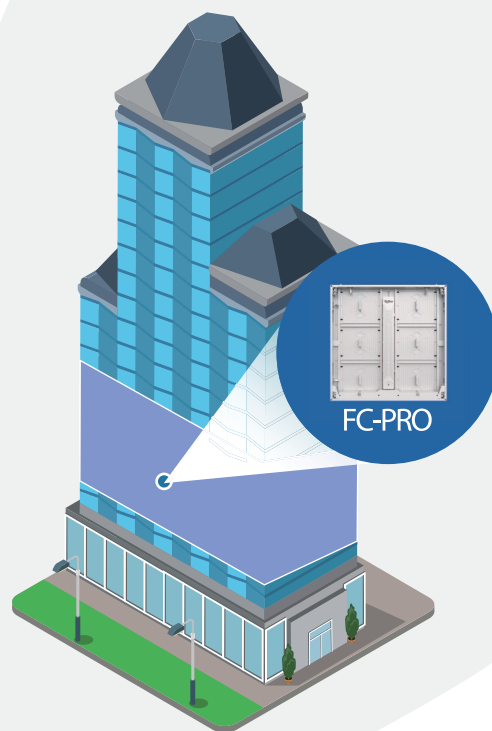
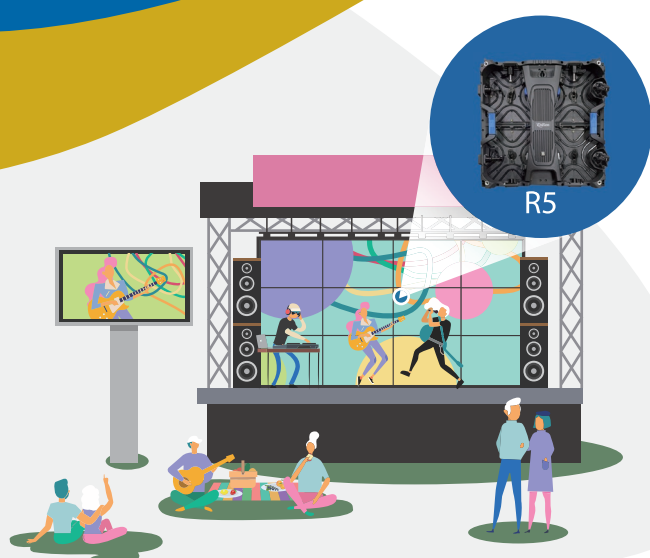
Dongbei University of Finance and Economics
Ryukoku University, Kyoto, Japan
Neusoft Group (Dalian) CO.,Ltd
 Shenzhen **Enbon** Optoelectronics CO.,Ltd
 Certificate of possession:

B.S
 B.S
 R&D Department
 CBO
 MATRIZ Level 1, WBSA

Responsible for project planning, client communication, proposal writing, design control, etc.



Enbon's products have a very wide range of applications, indoor or outdoor, urban or rural. To be sure, Enbon's products have excellent effects no matter where they are installed.



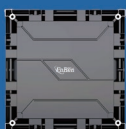
Enbon's products have a very wide range of applications, indoor or outdoor, urban or rural. To be sure, Enbon's products have excellent effects no matter where they are installed.



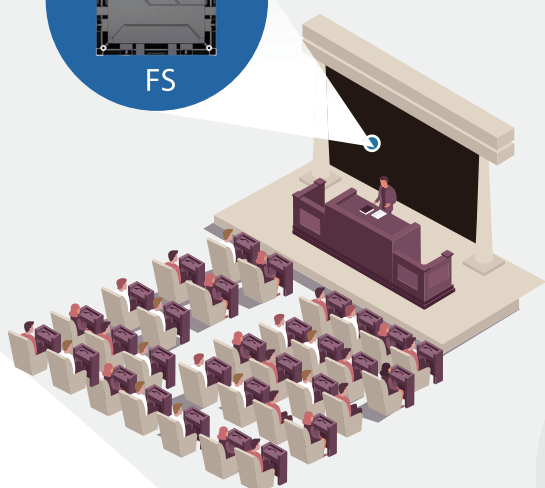
B-PRO



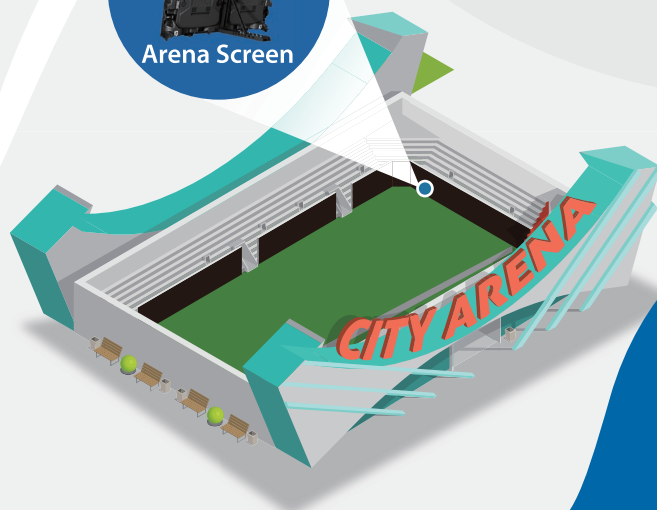
FC-D



FS



Arena Screen



SERVICE **ASSURANCE**

QUALITY ASSURANCE

All products sold by our company comply with relevant national and industrial standards.

SERVICE GUARANTEE

Enbon team has more than 10 years of LED R&D, production and sales experience. Enbon always takes customer experience as the first priority. solve problems for customers at the first time.

SERVICE TIME

Our provides with 24-hour consulting services. Customers can contact us through the website, Facebook, instagram, youtube, whatsapp, wechat and other well-known social platforms.

COMPLAINT SUGGESTIONS

If you are dissatisfied with our products and services, please contact our sales staff at the first time, and we will make improvements and compensate customers according to the suggestions.

TECHNOLOGY **ASSURANCE**

TWO-YEAR

Warranty Service

Enbon provides a two-year unconditional warranty service. Customers can choose to provide remote guidance or send back for repair.

EXTRA GIFTS

By Placing An Order

Enbon will give customers a certain number of spare parts, such as modules, power cords, etc..

7×24 HOURS

Consultation Service

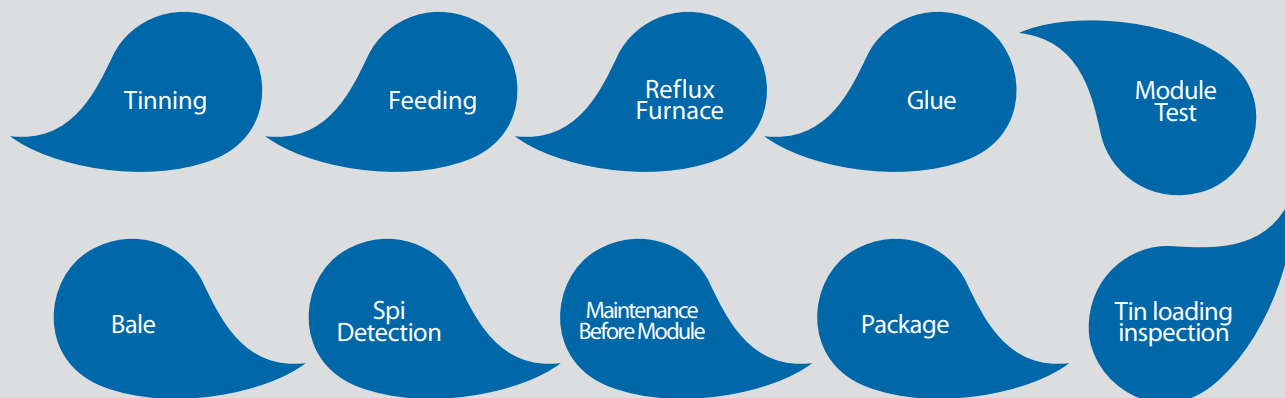
No matter where you are on the earth, at any time, as long as you contact our sales staff, we will provide you with considerate services.

MYSTERIOUS

And Exquisite Gift

Enbon will prepare mysterious gifts for every customer who places an order, practical and exquisite.

Enbon has established a complete ecological chain integrating product research and development, production, quality, storage and logistics. With advanced product technology and services, it promotes the development of LED display industry and improves people's quality of life.





2009

THE beginning of Enbon is the establishment of Enbon International Group Ltd (Hong Kong)



2014

WE merged two companies of Taiwan and established Shenzhen Hongmao Yuanzhi Optoelectronic Co., Ltd in mainland

WE obtained the "Top Ten LED Channel Brands"



2017

WE have carried out shareholding reform, set up factories and started the road of independent production

WE obtained the "Top Ten Leading LED Brands"



2016

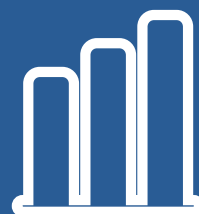
WE obtained the "Top Ten Excellent LED Brands Of China"

INVESTED and established Beijing Yuanzhi Ruiguang



2020

WE sets up a professional production and research team, which opens the road of independent production and research and development



2019

IN 2019, company's performance growth exceeded 100 million, the scale of factory was expanded to 11000 square meters



2021

WE obtained the title of "National High-tech Enterprise" and "Shenzhen special and excellent enterprise"

WE moving the factory from Songgang to Fuhai Street



2022

SHENZHEN Enbon Optoelectronic Co.,Ltd made full preparations for the future of company and expected for next glorious time



National High-tech Enterprises



Shenzhen High-tech Enterprises



Specialized and Special new



CB



CCC



CE



CE



CE



CE



ISO9001



ISO14001



ISO45001



SVHC



RoHS



TMC



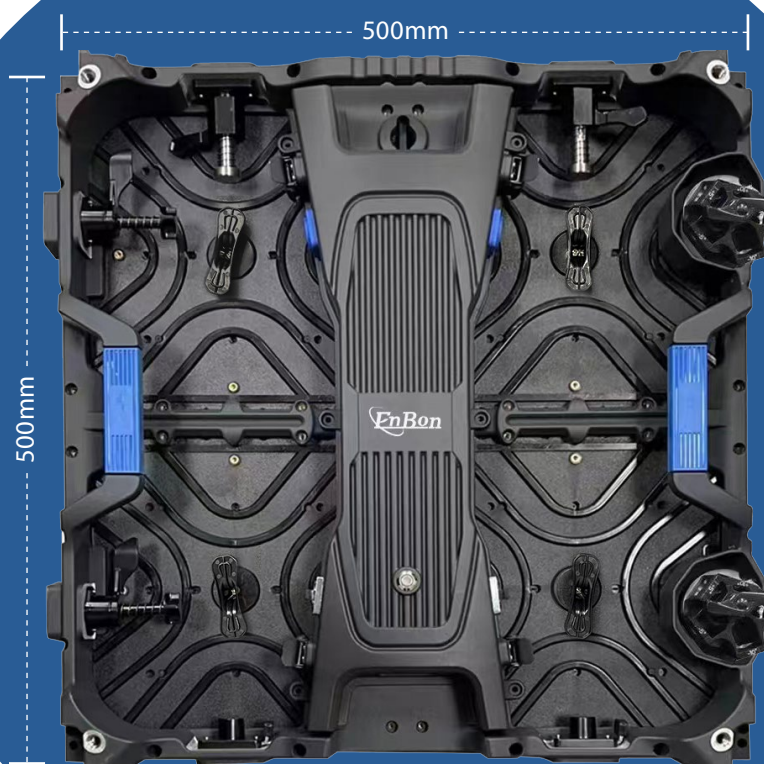
IP65



PATENT



PATENT



R5 Series

It Can Be Maintained Front And Back



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

- Outdoor waterproof IP65
- Hard connection box
- Double quick lock design
- Ergonomic appearance design
- Cabinet size 500*5000 mm
- Refresh Rate $\geq 3840\text{Hz}$
- Lightweight cabinet
- Wide viewing angle, no reflection

PRODUCT SPECIFICATION

R5 SERIES

	Indoor					Outdoor			
Pixel Pitch	1.56	1.95	2.604	2.976	3.91	2.604	2.976	3.91	4.81
LED Lamp	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	SMD1415	SMD1415	SMD1921	SMD1921
Density (dots/m2)	410881	262144	147456	112896	65536	147456	112896	65536	43264
Brightness	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≥ 4000 nits	≥ 4000 nits	≥ 4000 nits	≥ 4000 nits
IP Rating	IP45	IP45	IP45	IP45	IP45	IP65	IP65	IP65	IP65
Cabinet Materiel	Die-casting Aluminum					Die-casting Aluminum			
Scan	40 scan	32 scan	32 scan	21 scan	16 scan	32 scan	21 scan	16 scan	13 scan
Module Weight	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Cabinet Weight	7.5 kg	7.5 kg	7.5 kg	7.5 kg	7.5 kg	8 kg	8 kg	8 kg	8 kg
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250	250*250	250*250	250*250
Cabinet Size (mm)	500*500*85	500*500*85	500*500*85	500*500*85	500*500*85	500*500*85	500*500*85	500*500*85	500*500*85
Module Pixel	160*160 dots	128*128 dots	96*96 dots	84*84 dots	64*64 dots	96*96 dots	84*84 dots	64*64 dots	52*52 dots
Cabinet Pixel	320*320 dots	256*256 dots	192*192 dots	168*168 dots	128*128 dots	192*192 dots	168*168 dots	128*128 dots	104*104 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg					H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous					Synchronous / Asynchronous			
Gray Scale	16 bit					16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI					AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%					10% ~ 90%			
Work Temperature	-20 ~ + 65°C					-20 ~ + 65°C			



R5-Plus Series

HD prefect picture quality, exclusive visual feast



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation



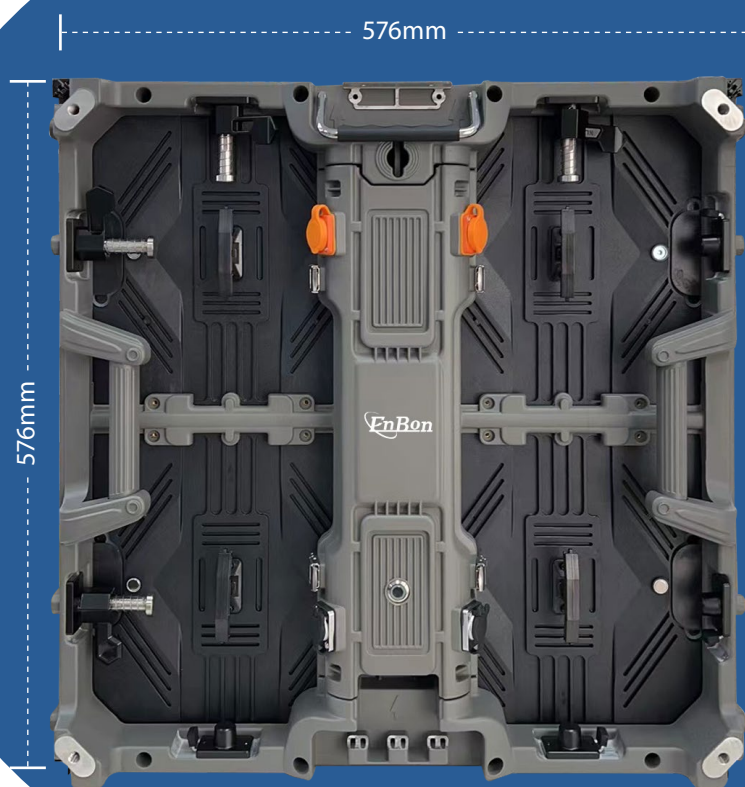
Thickness **85mm**

-  Outdoor waterproof IP65
-  Hard connection box
-  Double quick lock design
-  Ergonomic appearance design
-  Big size 500*1000 mm
-  Refresh Rate $\geq 3840\text{Hz}$
-  Lightweight cabinet
-  Wide viewing angle, no reflection

PRODUCT SPECIFICATION

R5-PLUS SERIES

	Indoor					Outdoor			
Pixel Pitch	1.56	1.95	2.604	2.976	3.91	2.604	2.976	3.91	4.81
LED Lamp	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	SMD1415	SMD1415	SMD1921	SMD1921
Density (dots/m2)	410881	262144	147456	112896	65536	147456	112896	65536	43264
Brightness	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≥ 4000 nits	≥ 4000 nits	≥ 4000 nits	≥ 4000 nits
IP Rating	IP45	IP45	IP45	IP45	IP45	IP65	IP65	IP65	IP65
Cabinet Materiel	Die-casting Aluminum					Die-casting Aluminum			
Scan	40 scan	32 scan	32 scan	21 scan	16 scan	32 scan	21 scan	16 scan	13 scan
Module Weight	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Cabinet Weight	15kg	15kg	15kg	15kg	15kg	16kg	16kg	16kg	16kg
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250	250*250	250*250	250*250
Cabinet Size (mm)	1000*500*85	1000*500*85	1000*500*85	1000*500*85	1000*500*85	1000*500*85	1000*500*85	1000*500*85	1000*500*85
Module Pixel	160*160 dots	128*128 dots	96*96 dots	84*84 dots	64*64 dots	96*96 dots	84*84 dots	64*64 dots	52*52 dots
Cabinet Pixel	320*320 dots	256*256 dots	192*192 dots	168*168 dots	128*128 dots	192*192 dots	168*168 dots	128*128 dots	104*104 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg					H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous					Synchronous / Asynchronous			
Gray Scale	16 bit					16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI					AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%					10% ~ 90%			
Work Temperature	-20 ~ + 65°C					-20 ~ + 65°C			



Thickness **85mm**

B-Pro Series

HD prefect picture quality, exclusive visual feast



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

-  Designed for the Indian market
-  High cost performance
-  Outdoor waterproof IP65
-  The magnetic suction module
-  The cabinet weight is only 9kg
-  Refresh Rate $\geq 3840\text{Hz}$
-  The quick lock design
-  Support personalized customization

PRODUCT SPECIFICATION

B-PRO SERIES

	Indoor		Outdoor	
Pixel Pitch	3	3.84	3.84	4.8
LED Lamp	SMD 2121/2020	SMD 2121/2020	SMD1921	SMD1921
Density (dots/m2)	110889	67600	67600	43264
Brightness	≤ 800 nits	≤ 800 nits	≥ 4000 nits	≥ 4000 nits
IP Rating	IP45	IP45	IP65	IP65
Cabinet Materiel	Die-casting Aluminum		Die-casting Aluminum	
Scan	25 scan	15 scan	15 scan	10 scan
Module Weight	1 kg	1 kg	1 kg	1 kg
Cabinet Weight	9 kg	9 kg	9 kg	9 kg
Module Size (mm)	288*288	288*288	288*288	288*288
Cabinet Size (mm)	576*576*85	576*576*85	576*576*85	576*576*85
Module Pixel	96*96 dots	75*75 dots	75*75 dots	60*60 dots
Cabinet Pixel	192*192 dots	150*150 dots	150*150 dots	120*120 dots
Max Power	600 w/sqm	600 w/sqm	750 w/sqm	750 w/sqm
Average Power	360 w/sqm	360 w/sqm	450 w/sqm	450 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg		H140 (+70/-70) deg V140 (+70/-70) deg	
Control Way	Synchronous / Asynchronous		Synchronous / Asynchronous	
Gray Scale	16 bit		16 bit	
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI		AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI	
Work Humidity	10% ~ 90%		10% ~ 90%	
Work Temperature	-20 ~ + 65°C		-20 ~ + 65°C	

FS Series

Small Pitch Cabinet Full Front Service



Dustproof



Magnetic



Low Consumption



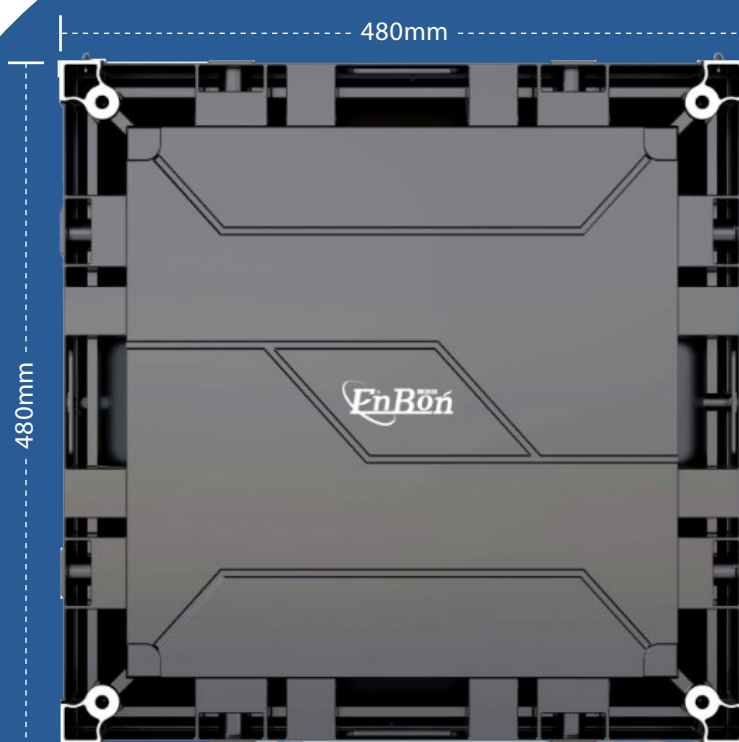
Maintain



High Brightness



Heat Dissipation



Thickness **50mm**

-  Low energy consumption
-  FS could make 2K/4K/8K Vision studio
-  High screen flatness
-  Hard connection box
-  Lightweight, ultra-thin 50mm
-  Refresh Rate $\geq 3840\text{Hz}$
-  Popular in Europe
-  Same HUB could using all kinds of pixel

PRODUCT SPECIFICATION

FS SERIES

Pixel Pitch	1.579	1.875	2.5	3
LED Lamp	SMD1212	SMD1515	SMD2020	SMD2020
Density (dots/m2)	401111	284444	160000	111111
Brightness	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits
IP Rating	Front IP45 / Rear IP30			
Cabinet Materiel	Die-casting Aluminum			
Scan	38 scan	64 scan	32 scan	40 scan
Module weight	0.3 kg	0.3 kg	0.3 kg	0.3 kg
Cabinet Weight	5.5 kg	5.5 kg	5.5 kg	5.5 kg
Module Size (mm)	240*240	240*240	240*240	240*240
Cabinet Size (mm)	480*480*50	480*480*50	480*480*50	480*480*50
Module Pixel	152*152 dots	128*128 dots	96*96 dots	80*80 dots
Cabinet Pixel	304*304 dots	256*256 dots	192*192 dots	160*160 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%			
Work Temperature	-20 ~ + 65°C			



FS-Plus Series

Small Pitch Cabinet Full Front Service



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

- Easy maintainance and service
- Arbitrary splicing
- Perfect screen flatness
- Different modules use same HUB
- Support fully front service
- Refresh Rate $\geq 3840\text{Hz}$
- Low energy consumption

PRODUCT SPECIFICATION

FS-PLUS SERIES

Pixel Pitch	1.25	1.538	1.667	1.86	2.5	3
LED Lamp	SMD1010	SMD1212	SMD 1212/1515	SMD1515	SMD2020	SMD2020
Density (dots/m2)	695556	401111	360000	284444	160000	111111
Brightness	≤ 500 nits	≤ 600 nits	≤ 800 nits	≤ 800 nits	≤ 900 nits	≤ 900 nits
IP Rating	IP45	IP45	IP45	IP45	IP45	IP45
Cabinet Materiel	Die-casting Aluminum					
Scan	64 scan	52 scan	45 scan	43 scan	32 scan	26 scan
Module Weight	0.3 kg	0.3 kg	0.3 kg	0.3 kg	0.3 kg	0.3 kg
Cabinet Weight	5.5 kg	5.5 kg	5.5 kg	5.5 kg	5.5 kg	5.5 kg
Module Size (mm)	320*160	320*160	320*160	320*160	320*160	320*160
Cabinet Size (mm)	640*480*57	640*480*57	640*480*57	640*480*57	640*480*57	640*480*57
Module Pixel	256*128 dots	208*104 dots	192*96 dots	172*86 dots	128*64 dots	104*52 dots
Cabinet Pixel	512*384 dots	416*312 dots	384*288 dots	344*258 dots	256*192 dots	208*156 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg					
Control Way	Synchronous / Asynchronous					
Gray Scale	16 bit					
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI					
Work Humidity	10% ~ 90%					
Work Temperature	-20 ~ + 65°C					

FN Series

Small Pitch Cabinet Full Front Service



Dustproof



Magnetic



Low Consumption



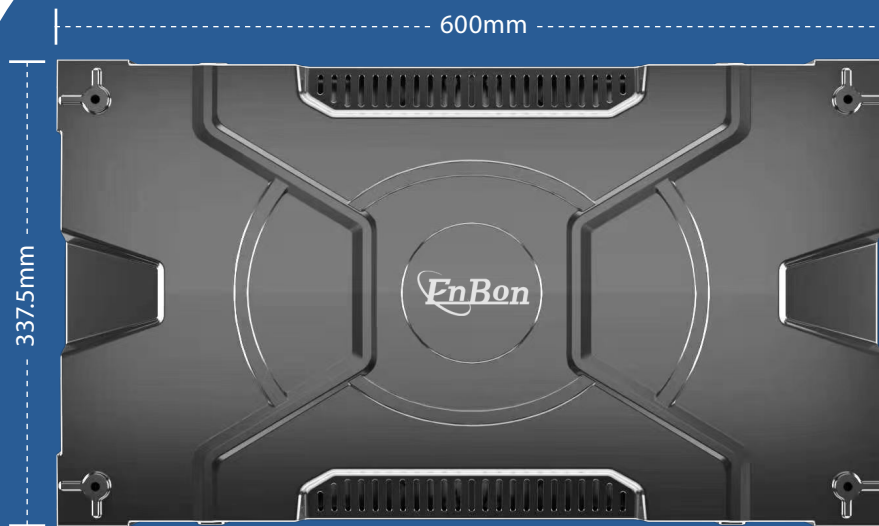
Maintain



High Brightness



Heat Dissipation



Thickness **59mm**

-  Excellent heat dissipation
-  Great water resistance
-  FN could do with P0.93
-  Mild brightness
-  Refresh Rate $\geq 3840\text{Hz}$
-  Fit to play the golden ratio
-  Support fully front service
-  FN could make 2K/4K/8K Vision studio

PRODUCT SPECIFICATION

FN SERIES

Pixel Pitch	0.93	1.25	1.56	1.875
LED Lamp	SMD0606	SMD1010	SMD1212	SMD1515
Density (dots/m2)	1137777	640000	409600	284444
Brightness	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits
IP Rating	IP45	IP45	IP45	IP45
Cabinet Materiel	Die-casting Aluminum			
Scan	64 scan	45 scan	40 scan	32 scan
Module Weight	0.3 kg	0.3 kg	0.3 kg	0.3 kg
Cabinet Weight	5.7 kg	5.7 kg	5.7 kg	5.7 kg
Module Size (mm)	300*168.75	300*168.75	300*168.75	300*168.75
Cabinet Size (mm)	600*337.5*59	600*337.5*59	600*337.5*59	600*337.5*59
Module Pixel	320*180 dots	240*136 dots	192*108 dots	160*90 dots
Cabinet Pixel	640*360 dots	480*270 dots	384*216 dots	320*180 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~90%			
Work Temperature	-20 ~ + 65°C			



Thickness **85mm**

E Series

Your first choice Fixed LED Display



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



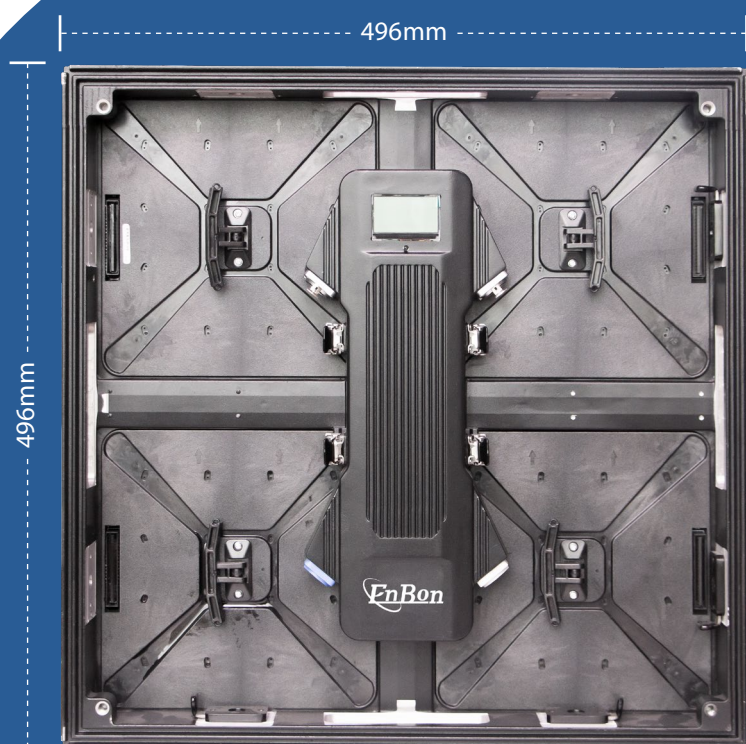
Heat Dissipation

-  Light weight of the cabinet : 5.5kg
-  Soft connection
-  High cost-performance
-  Different modules use same HUB
-  Refresh Rate $\geq 3840\text{Hz}$
-  Various sizes can be mixed and assembled
-  Support front and back service
-  Convenient for installation and maintenance

PRODUCT SPECIFICATION

E SERIES

Pixel Pitch	1.56	1.953	2.604	2.976	3.91	4.81
LED Lamp	SMD1212	SMD1515	SMD2020	SMD2020	SMD2020	SMD2020
Density (dots/m2)	410881	262144	147456	112896	65536	43264
Brightness	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits	≤ 800 nits
IP Rating	IP45	IP45	IP45	IP45	IP45	IP45
Cabinet Materiel	Die-casting Aluminum					
Scan	40 scan	32 scan	32 scan	21 scan	16 scan	13scan
Module Weight	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Cabinet Weight	5.5 kg	5.5 kg	5.5 kg	5.5 kg	5.5 kg	5.5 kg
Module Size (mm)	250*250	250*250	250*250	250*250	250*250	250*250
Cabinet Size (mm)	1000*250	1000*250	1000*250	1000*250	1000*250	1000*250
Module Pixel	160*160 dots	128*128 dots	96*96 dots	84*84 dots	64*64 dots	52*52 dots
Cabinet Pixel	641*160 dots	512*128 dots	384*96 dots	336*84 dots	256*64 dots	208*52 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg					
Control Way	Synchronous / Asynchronous					
Gray Scale	16 bit					
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI					
Work Humidity	10% ~90%					
Work Temperature	-20 ~ + 65°C					



Thickness **57mm**

IM Series

Indoor Fixed Front And Back Service Design



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

-  Double quick lock design
-  Quick installation and maintenance
-  Refresh Rate $\geq 3840\text{Hz}$
-  Support front service
-  Module can be used for left or right side
-  Light weight of the cabinet
-  Delicate little screen
-  Wide viewing angle, no reflection

PRODUCT SPECIFICATION

IM SERIES

Pixel Pitch	1.9	2.5
LED Lamp	SMD1515	SMD2121
Density (dots/m2)	276676	160000
Brightness	≤ 800 nits	≤ 800 nits
IP Rating	Front IP55 / Rear IP32	Front IP55 / Rear IP32
Cabinet Materiel	Die-casting Aluminum	
Scan	64 scan	32 scan
Module Weight	0.55 kg	0.55 kg
Cabinet Weight	6.75 kg	6.75 kg
Module Size (mm)	248*248	248*248
Cabinet Size (mm)	496*496*57	496*496*57
Module Pixel	128*128 dots	96*96 dots
Cabinet Pixel	260*260 dots	198*198 dots
Max Power	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg	
Control Way	Synchronous / Asynchronous	
Gray Scale	16 bit	
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI	
Work Humidity	10% ~ 90%	
Work Temperature	-20 ~ +65°C	

FC-Pro Series

Outdoor Fixed Front And Back Service Design



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation



Thickness **92mm**

 Light weight of the cabinet : 23kg

 Low energy consumption

 Special waterproof design : IP65

 Can do naked 3D

 Perfect screen flatness

 High resolution and contrast

 Support front and back service

 Refresh Rate $\geq 3840\text{Hz}$

PRODUCT SPECIFICATION

FC-PRO SERIES

Pixel Pitch	5	6.67	8	10
LED Lamp	SMD2727	SMD2727	SMD 2727/3535	SMD2727/3535
Density (dots/m2)	40000	22500	15625	10000
Brightness	$\geq 5500\text{-}10000$ nits	$\geq 5500\text{-}10000$ nits	$\geq 5500\text{-}10000$ nits	$\geq 5500\text{-}10000$ nits
IP Rating	IP65	IP65	IP65	IP65
Cabinet Materiel	Aluminum Profile			
Scan	7 scan	6 scan	4 scan	2 scan
Module Weight	2 kg	2 kg	2 kg	2 kg
Cabinet Weight	23 kg	23 kg	23 kg	23 kg
Module Size (mm)	480*320	480*320	480*320	480*320
Cabinet Size (mm)	960*960*92	960*960*92	960*960*92	960*960*92
Module Pixel	96*64 dots	72*48 dots	60*40 dots	48*32 dots
Cabinet Pixel	192*192 dots	144*144 dots	120*120 dots	100*100 dots
Max Power	550 w/sqm	550 w/sqm	550 w/sqm	550 w/sqm
Average Power	185 w/sqm	185 w/sqm	185 w/sqm	185 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous/ Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10%~90%			
Work Temperature	-20 ~ + 65°C			



Thickness **120mm**

FR Series

Outdoor Fixed Front And Back Service Design



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

High cost performance

Good sealing and excellent stability

Special waterproof design : IP65

Suitable for customers with urgent needs

Refresh Rate ≥3840Hz

Different modules use same HUB

Support back service

Iron cabinet material, can be customized

PRODUCT SPECIFICATION

FR SERIES

Pixel Pitch	2.5	3	3.33	4	5	6
LED Lamp	SMD1415	SMD1415	SMD1921	SMD1921	SMD1921	SMD2727
Density (dots/m2)	160000	105625	90000	62500	40000	27889
Brightness	≥5500 nits	≥5500 nits	≥5500 nits	≥5500 nits	≥5500 nits	≥5500 nits
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65
Cabinet Materiel	Die-casting Aluminum					
Scan	16 scan	13 scan	12 scan	10 scan	8 scan	6 scan
Module Weight	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Cabinet Weight	28 kg	28 kg	28 kg	28 kg	28 kg	28 kg
Module Size (mm)	320*160	320*160	320*160	320*160	320*160	320*160
Cabinet Size (mm)	960*960*120	960*960*120	960*960*120	960*960*120	960*960*120	960*960*120
Module Pixel	128*64 dots	104*52 dots	96*48 dots	80*40 dots	64*32 dots	48*24 dots
Cabinet Pixel	384*384 dots	320*320 dots	288*288 dots	240*240 dots	192*192 dots	160*160 dots
Max Power	750 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm	750 w/sqm
Average Power	450 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm	450 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg					
Control Way	Synchronous/ Asynchronous					
Gray Scale	16 bit					
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI					
Work Humidity	10%~90%					
Work Temperature	-20 ~ + 65℃					

FC-D Series

Outdoor Fixed Front And Back Service Design



Dustproof



Magnetic



Low Consumption



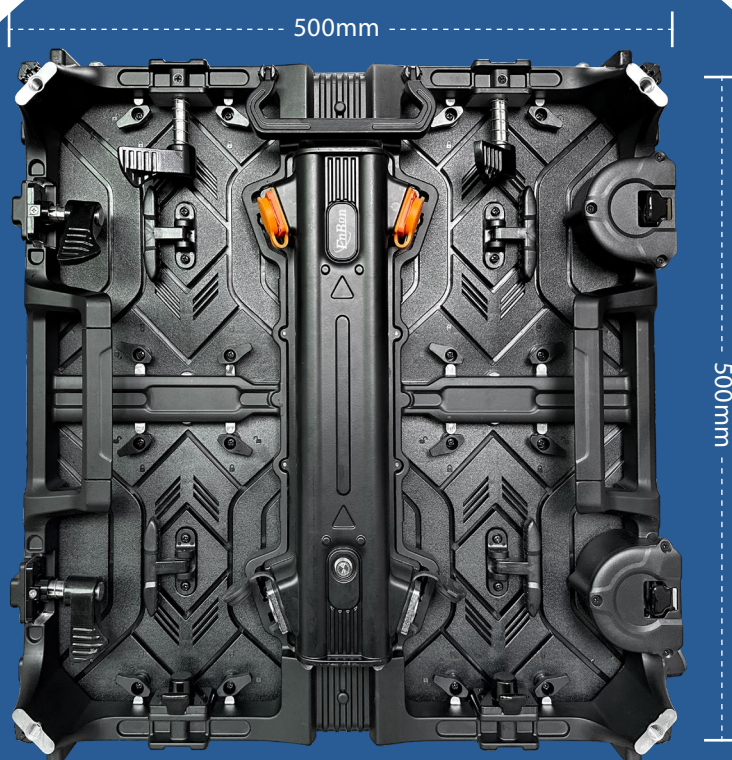
Maintain



High Brightness



Heat Dissipation



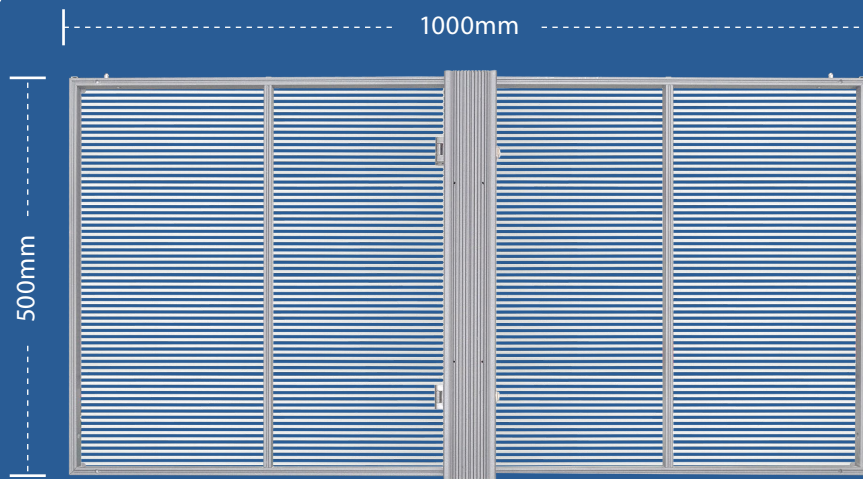
Thickness **85mm**

- Easy maintaine and service
- High cost performance
- Refresh Rate $\geq 3840\text{Hz}$
- Support front service
- 250mm*250mm module size
- 500mm*500mm cabinet size
- Module size can be customized
- The best choice for cities with salt hazards

PRODUCT SPECIFICATION

FC-D SERIES

Pixel Pitch	2.604	2.976	3.91	4.81
LED Lamp	SMD1515	SMD1921	SMD1921	SMD1921
Density (dots/m2)	147456	112896	65536	43264
Brightness	≥ 3500 nits	≥ 3500 nits	≥ 3500 nits	≥ 3500 nits
IP Rating	IP65	IP65	IP65	IP65
Cabinet Materiel	Die-casting Aluminum			
Scan	32 scan	21 scan	16 scan	13 scan
Module Weight	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Cabinet Weight	7.5 kg	7.5 kg	7.5 kg	8 kg
Module Size (mm)	250*250	250*250	250*250	250*250
Cabinet Size (mm)	500*500*85	500*500*85	500*500*85	500*500*85
Module Pixel	96*96 dots	84*84 dots	64*64 dots	52*52 dots
Cabinet Pixel	192*192 dots	168*168 dots	128*128 dots	104*104 dots
Max Power	600 w/sqm	600 w/sqm	600 w/sqm	600 w/sqm
Average Power	360 w/sqm	360 w/sqm	360 w/sqm	360 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%			
Work Temperature	-20 ~ + 65°C			



Thickness **75mm**

G Series

Design For **Indoor** Projects Solution



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

-  Light weight of the cabinet : 5.5kg
-  High precision box, good stability
-  Refresh Rate $\geq 3840\text{Hz}$
-  Support front and back service
-  500mm*125mm module size
-  1000mm*500mm cabinet size
-  Convenient installation
-  High transparent brings good viewing feeling

PRODUCT SPECIFICATION

G SERIES

Pixel Pitch	2.6-5.2	3.91-7.82	5.21-10.42	10.4-10.4
LED Lamp	SMD1415	SMD1921	SMD1921	SMD1921
Density (dots/m2)	73728	32768	18432	9216
Brightness	$\geq 1000\text{-}5000\text{ nits}$	$\geq 1000\text{-}5000\text{ nits}$	$\geq 1000\text{-}5000\text{ nits}$	$\geq 1000\text{-}5000\text{ nits}$
IP Rating	IP45	IP45	IP45	IP45
Cabinet Materiel	Aluminum			
Scan	16 scan	8 scan	4 scan	2 scan
Module Weight	0.25 kg	0.25 kg	0.25 kg	0.25 kg
Cabinet Weight	5.5 kg	5.5 kg	5.5 kg	5.5 kg
Module Size (mm)	500*125	500*125	500*125	500*125
Cabinet Size (mm)	1000*500*75	1000*500*75	1000*500*75	1000*500*75
Module Pixel	192*24 dots	128*16 dots	96*12 dots	48*12 dots
Cabinet Pixel	384*96 dots	256*64 dots	192*48 dots	96*48 dots
Max Power	680 w/sqm	680 w/sqm	680 w/sqm	680 w/sqm
Average Power	230 w/sqm	230 w/sqm	230 w/sqm	230 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%			
Work Temperature	-20 ~ + 65°C			

G Series

Design For **Outdoor** Projects Solution



Dustproof



Magnetic



Low Consumption



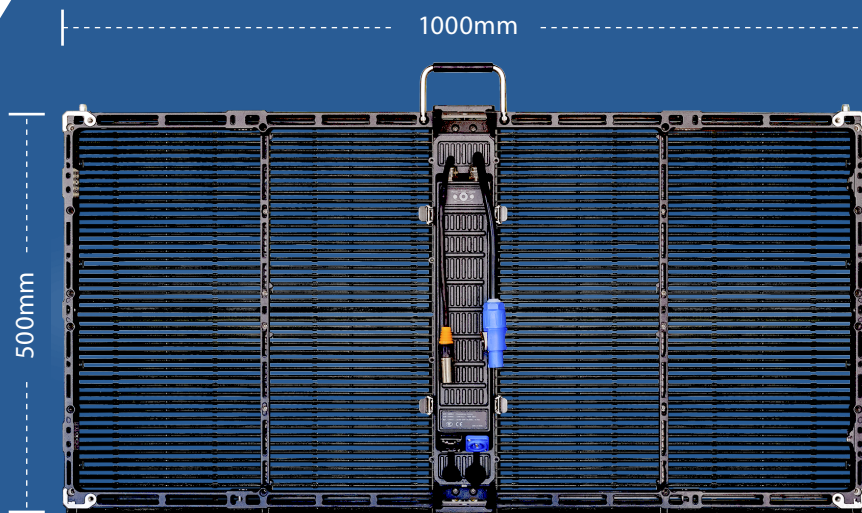
Maintain



High Brightness



Heat Dissipation



Thickness **78mm**

 Light weight of the cabinet : 7.5kg

 500mm*250mm module size

 Special waterproof design : IP65

 1000mm*500mm cabinet size

 Refresh Rate $\geq 3840\text{Hz}$
 Steel free design

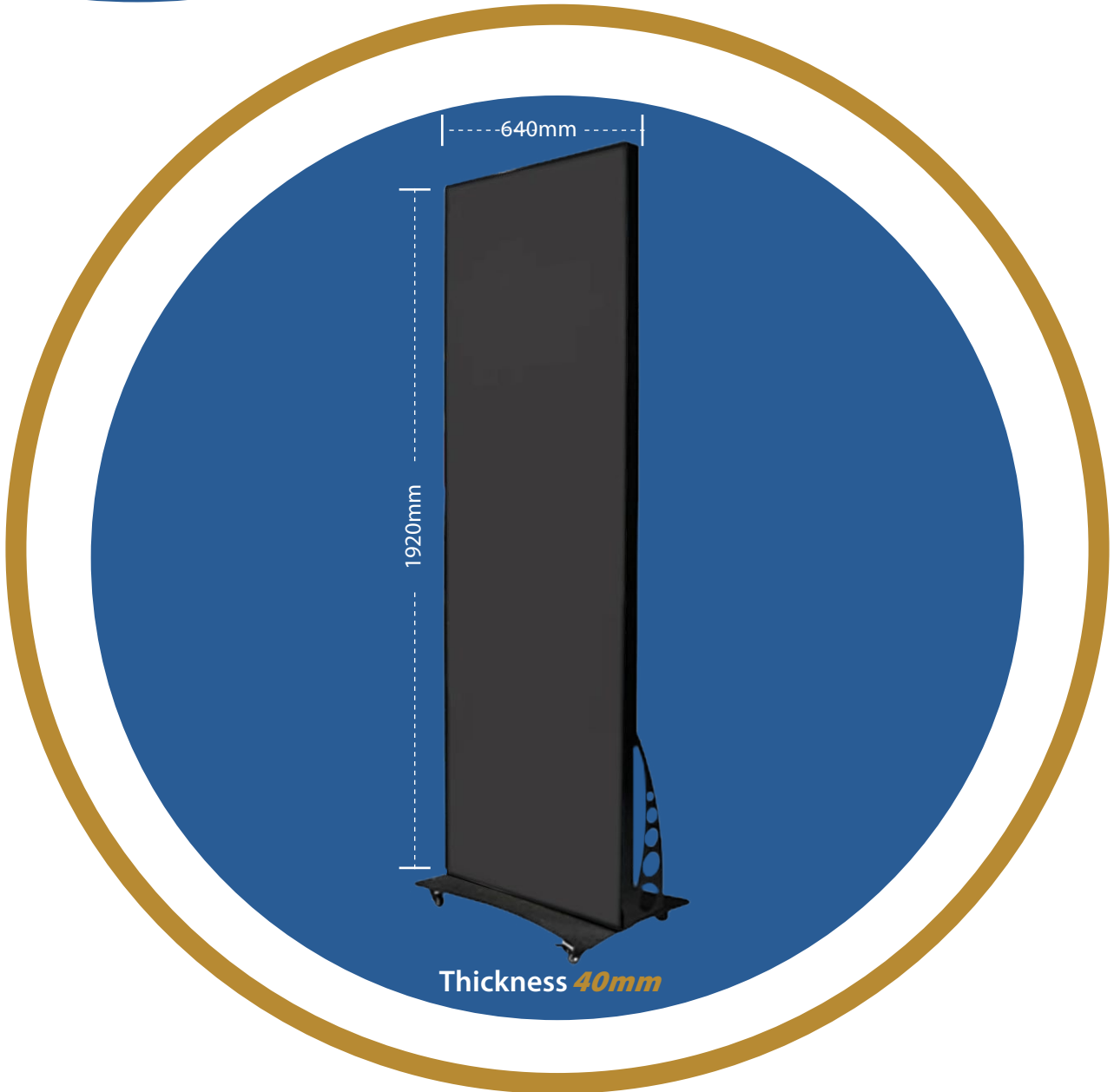
 Support front and back service

 High transparent brings good viewing feeling

PRODUCT SPECIFICATION

G SERIES

Pixel Pitch	3.91-7.82	5.21-10.42	10.4-10.4	15.6-15.6
LED Lamp	SMD1921	SMD1921	SMD2727	SMD2727
Density (dots/m2)	32768	18432	9216	4096
Brightness	≥ 5000 nits	≥ 5000 nits	≥ 5000 nits	≥ 5000 nits
IP Rating	IP65	IP65	IP65	IP65
Cabinet Materiel	Die-casting Aluminum			
Scan	8 scan	4 scan	2 scan	2 scan
Module Weight	0.25 kg	0.25 kg	0.25 kg	0.25 kg
Cabinet Weight	7.5 kg	7.5 kg	7.5 kg	7.5 kg
Module Size (mm)	500*250	500*250	500*250	500*250
Cabinet Size (mm)	1000*500*78	1000*500*78	1000*500*78	1000*500*78
Module Pixel	128*32 dots	96*24 dots	48*24 dots	32*16 dots
Cabinet Pixel	256*64 dots	192*48 dots	96*48 dots	64*64 dots
Max Power	800 w/sqm	800 w/sqm	800 w/sqm	800 w/sqm
Average Power	260 w/sqm	260 w/sqm	260 w/sqm	260 w/sqm
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~ 90%			
Work Temperature	-20 ~ + 65°C			



LED Poster

High-quality Small Spacing **Indoor** Led Display



Dustproof



Magnetic



Low Consumption



Maintain



High Brightness



Heat Dissipation

-  Digital Signage Player Multi-Screen AD Poster
-  HD Indoor Advertising Player Poster
-  Floor Standing Led Advertising Player Poster
-  Full Color Indoor Digital Screen
-  1000:1 ultra-high contrast ratio
-  Ultra slim and light weight
-  It can be controlled by mobile phone
-  Horizontal Viewing Angle: $\geq 140^\circ$

PRODUCT SPECIFICATION

LED POSTER

Pixel Pitch	1.86	2	2.5
LED Lamp	SMD1515	SMD1515	SMD2020
Density (dots/m2)	355000	307200	196608
Brightness	≥ 800 nits	≥ 800 nits	≥ 800 nits
IP Rating	IP45	IP45	IP45
Cabinet Materiel	Iron		
Refresh Rate	3840 Hz	3840 Hz	3840 Hz
Scan	43 scan	40 scan	32 scan
Cabinet Weight	30 kg	30 kg	30 kg
Module Size (mm)	320*160	320*160	320*160
Cabinet Size (mm)	640*1920*40	640*1920*40	640*1920*40
Adviced viewing	$\geq 2m$	$\geq 3m$	$\geq 4m$
Input Voltage	100-240V / 50-60HZ	100-240V / 50-60HZ	100-240V / 50-60HZ
Max Power	0.8 kw	0.8 kw	0.8 kw
Average Power	0.38 kw	0.38 kw	0.38 kw
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg		
Control Way	Synchronous / Asynchronous		
Gray Scale	16 bit		
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI		
Work Humidity	10% ~90%		
Work Temperature	$-20^\circ\text{C} \sim +65^\circ\text{C}$		

LED Poster

High-quality Small Spacing Outdoor Led Display



Dustproof



Magnetic



Low Consumption



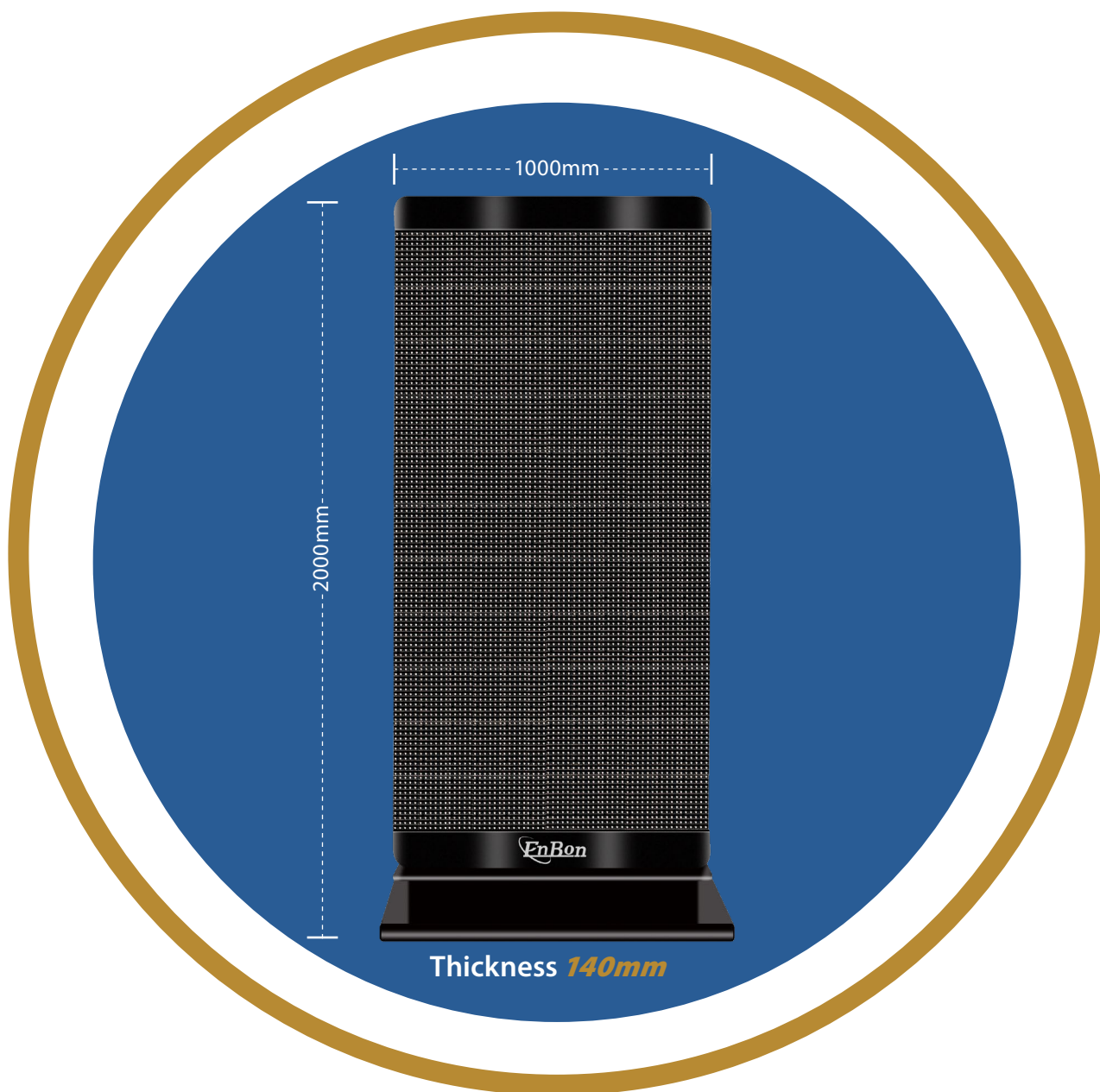
Maintain



High Brightness



Heat Dissipation



-  Heat resistance
-  Floor Standing Led Advertising Player Poster
-  1000:1 ultra-high contrast ratio
-  Special waterproof design : IP65
-  HD Outdoor Advertising Player Poster
-  Full Color Outdoor Digital Screen
-  Ultra slim and light weight
-  Horizontal Viewing Angle: ≥140°

PRODUCT SPECIFICATION

LED POSTER

Pixel Pitch	2.604	2.976	3.91	4.81
LED Lamp	SMD1415	SMD1415	SMD1921	Knlight/Nationstar
Density (dots)	147456	225792	131072	105248
Brightness	≥3500 nits	≥4500 nits	≥4500 nits	≥4500 nits
IP Rating	IP65	IP65	IP65	IP65
Cabinet Materiel	Iron			
Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Scan	32 scan	21 scan	16 scan	13 scan
Cabinet Weight	75 kg	75 kg	75 kg	75 kg
Module Size (mm)	250*250	250*250	250*250	250*250
Cabinet Size (mm)	1000*2000*140	1000*2000*140	1000*2000*140	1000*2000*140
Adviced viewing	≥3m	≥3m	≥4m	≥5m
Input Voltage	100-240V / 50-60HZ	100-240V / 50-60HZ	100-240V / 50-60HZ	100-240V / 50-60HZ
Max Power	1.2 kw	1.2 kw	1.2 kw	1.2 kw
Average Power	0.4 kw	0.4 kw	0.4 kw	0.4 kw
Viewing Angle	H140 (+70/-70) deg V140 (+70/-70) deg			
Control Way	Synchronous / Asynchronous			
Gray Scale	16 bit			
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI			
Work Humidity	10% ~90%			
Work Temperature	-20°C ~ + 65°C			

ENBON GROUP

Spirit & Success, Together



+86-755-2357 0137



enbon led display



www.enbon.com



enbon led display



enbondisplay



enbon led display



EnBon

Shenzhen Enbon Optoelectronic Co., Ltd

3F, high-tech industrial park, 156 Fuyuan Yi Road, Fuhai County Street, Fuyong Town, Bao'an District, Shenzhen City, Guangdong Province, China