



LED INDOOR DISPLAY PRODUCT CATALOGUE

-- FOR BTQ





创行视听，通达未来

Innovative Audiovisuals Connecting The Future



INDOOR LED DISPLAY PANEL

P1.2/1.5/1.8/2/2.5

640*480mm

The length and width dimensions of the cabinet

320*160mm

Module Size

Front maintenance

Maintenance mode

Die-cast Aluminum

Product materials

Ultimate Value for money Engineering-level quality Best-selling products in World

PRODUCT CERTIFICATE

Shenzhen Global Test Service Co., Ltd.

Certification of Conformity

Certification number: GTS20230309021-1-2

Issue date: Apr. 07, 2023

In accordance with the following Applicable Directives:

2014/30/EU

Electromagnetic Compatibility

The test results are traceable to the international or national standards.

Applicant: BOE MLED Technology Co.,Ltd
Rm 302, Building 2, No.8 Xihuanzhong RD, Beijing, 100176, P.R. China

Manufacturer: BOE MLED Technology Co.,Ltd
Rm 302, Building 2, No.8 Xihuanzhong RD, Beijing, 100176, P.R. China

Equipment under test: LED Display (Full-Color)

Trade Mark: N/A

Model number: BTQ012S

Model List: See attached page

Applied Standards and Test Reports	
EN 55032: 2015/A11: 2020	GTS20230309021-1-2
EN 55035: 2017/A11: 2020	
EN IEC 61000-3-2: 2019/A1: 2021	
EN 61000-3-3: 2013/A2: 2021	

Laboratory Name: Shenzhen Global Test Service Co., Ltd.
No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong
Tel: 0755-28717088 Fax: 0755-28717111
Http://www.gtsoert.com E-mail: gts_sz@gtsoert.com



Note:

The certification is only valid for the equipment and configuration described, in conjunction with the test data detailed above. The CE mark as shown beside can be used, under the responsibility of the manufacturer, after completion of an EC Directive of Conformity and compliance with all relevant EC Directive

Authorized by: Jason Hu



Shenzhen Global Test Service Co., Ltd.

Declaration of Conformity

Certification number: GTS20230309021-1-5

Issue date: Apr. 12, 2023

In accordance with the following Applicable Directives:

2014/35/EU

Low voltage Directive

The test results are traceable to the international or national standards.

Applicant: BOE MLED Technology Co.,Ltd
Rm 302, Building 2, No.8 Xihuanzhong RD, Beijing, 100176, P.R. China
Manufacturer: BOE MLED Technology Co.,Ltd
Rm 302, Building 2, No.8 Xihuanzhong RD, Beijing, 100176, P.R. China

Equipment under test: LED Display (Full-Color)

Model number: BTQ012S, BTQ013S, BTQ015S, BTQ016S, BTQ018S, BTQ020S, BTQ025S, BTQ030S, BTQ040S, BTQ012S-Max, BTQ013S-Max, BTQ015S-Max, BTQ016S-Max, BTQ018S-Max, BTQ020S-Max, BTQ025S-Max, BTQ030S-Max, BTQ040S-Max, BTQ012S-Pro, BTQ013S-Pro, BTQ015S-Pro, BTQ016S-Pro, BTQ018S-Pro, BTQ020S-Pro, BTQ025S-Pro, BTQ030S-Pro, BTQ040S-Pro, BTQ012S-Plus, BTQ013S-Plus, BTQ015S-Plus, BTQ016S-Plus, BTQ018S-Plus, BTQ020S-Plus, BTQ025S-Plus, BTQ030S-Plus, BTQ040S-Plus

Trade mark: N/A

Applied Standards and Test Reports	
EN 62368-1:2014+A11:2017	GTS20230309021-1-5

Laboratory Name: Shenzhen Global Test Service Co., Ltd.
No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong
Tel: 0755-28702000 Fax: 0755-28717111
Http://www.gtsoert.com E-mail: gts_sz@gtsoert.com

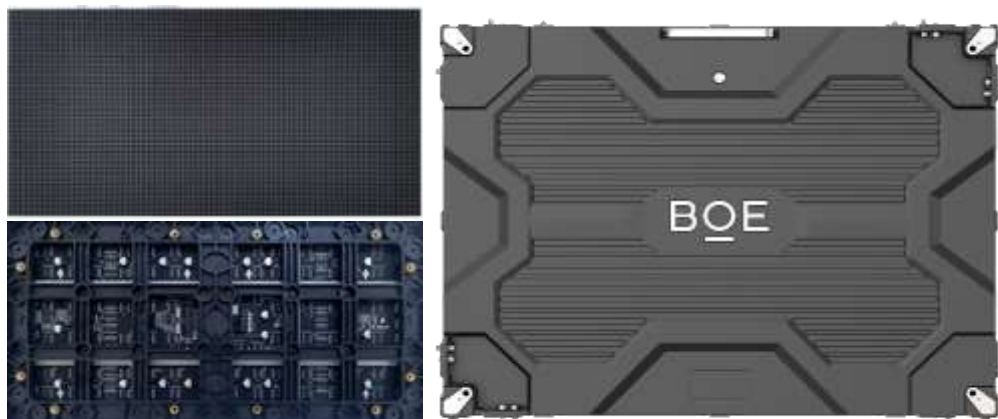


Note:

The certification is only valid for the equipment and configuration described, in conjunction with the test data detailed above. The CE mark as shown beside can be used, under the responsibility of the manufacturer, after completion of an EC Directive of Conformity and compliance with all relevant EC Directive

Authorized by: Jason Hu





- High gray level, high contrast ratio, wide viewing angle, and the image display is vivid and delicate.
- Panel adopt the front installation method, which saves installation space and is convenient for maintenance.
- The product has undergone strict reliability tests, is stable and reliable, and you can use it with confidence.

Product model	BTQ012	BTQ015	BTQ018	BTQ020	BTQ025
Pixel pitch (mm)	1.25	1.538	1.86	2.0	2.5
LED type	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121
Module resolution(points)	256×128	208×104	172×86	160×80	128/×64
Pixel density (points/m ²)	640000	422500	288906	250000	160000
Panel Size (mm)	320×160				
White balance brightness (nit)	≥450				
Colour temperature (K)	3000-15000 regulable				
Viewing angle (H/V)	160°/140°				
Refresh rate (Hz)	≤3840				
Power of single Panel (W)	<20				
Input voltage	5V				
Signal interface	HUB75				

SUPER HIGH CONTRAST, PROVIDING PERFECT PICTURE QUALITY

REALIZE THE POINT-TO-POINT RESTORED PICTURE CONSISTENT WITH THE INPUT VIDEO SOURCE

- The image on the left is well processed, the highlight shadow has details, the tone is uniform, the saturation is normal, and it is vivid and three-dimensional. The image on the right has poor contrast, gray is not bright, no highlight, dim color, color level loss, and no layers.

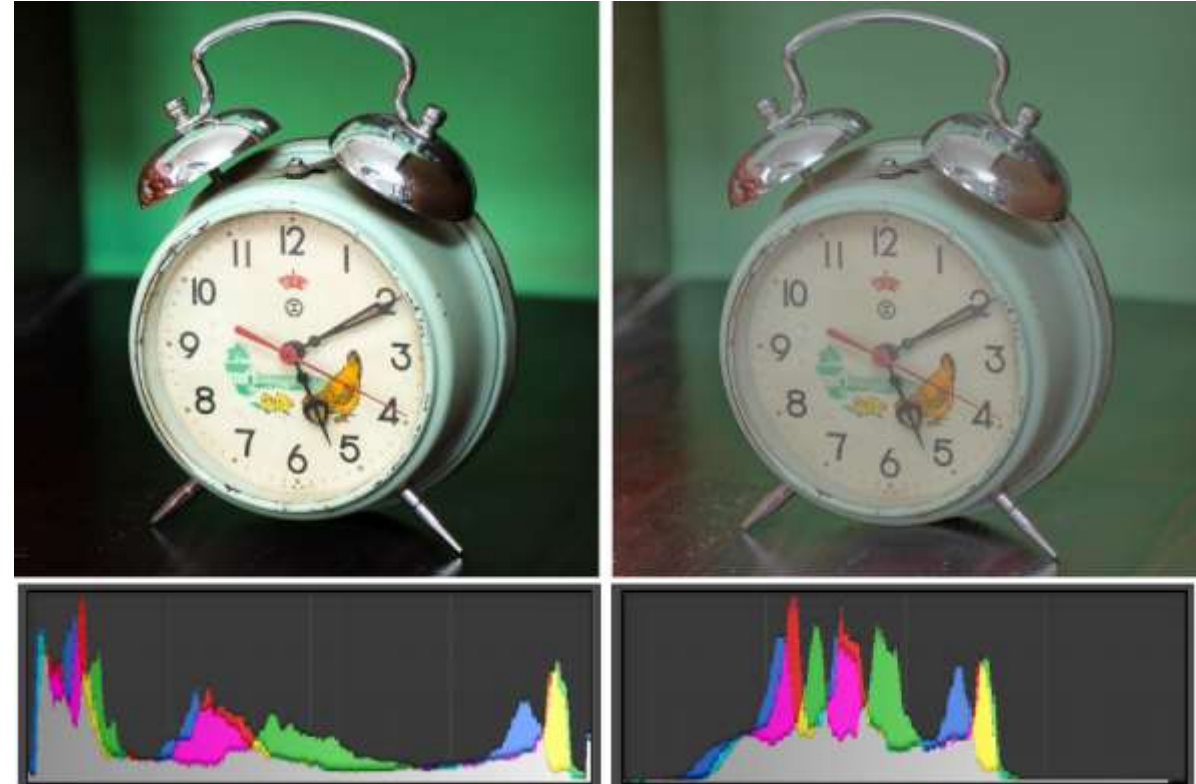


Image processing contrast
3000:1

Image processing contrast
800:1

ULTRA-HIGH CONTRAST AND ELIMINATION OF MOIRÉ PATTERNS



Conventional products



Our products

High fill factor optical design, uniform light source, eliminating moire pattern. Matte coating increases contrast, reduces glare and resists blue light, relieves fatigue, and is suitable for long viewing.

OTHER ADVANTAGES

Safety protection technology

PLC controller guarantee, a variety of protection measures



Super long service life

Up to 100,000 hours, higher than traditional, frequent switching without hindrance

Grayscale processing technology

Achieve high grey release and nonlinear visual grey release to achieve full true color and solve complex system problems

Large luminous angle

The viewing angle is more than 160 degrees, the image is clear and the brightness is uniform, far exceeding the projection

SYSTEM INFRASTRUCTURE

Signal Source(Computer)



Video Cable

Video Processor



Plugs into the processor

Sending Card



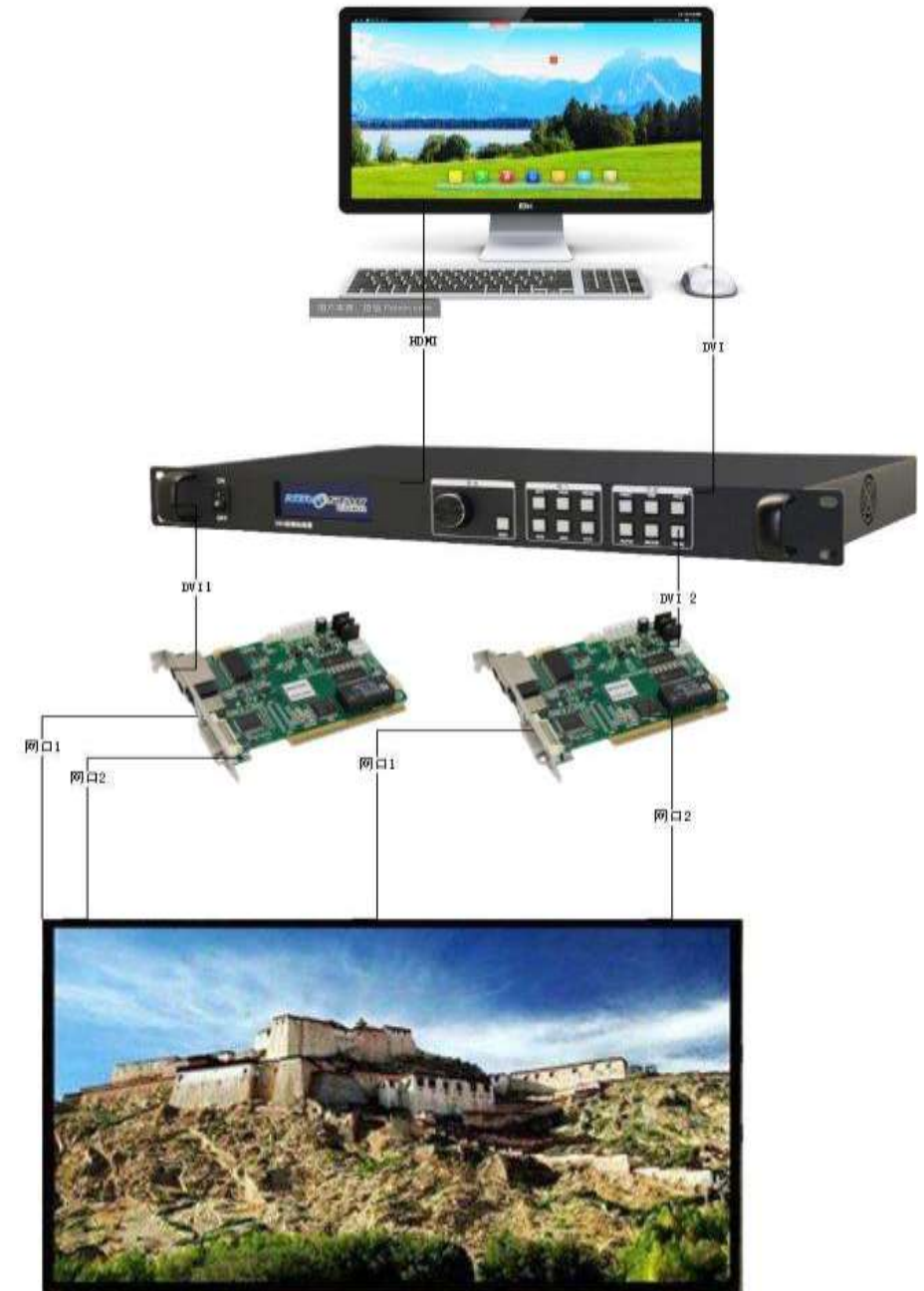
Network Cable

Receiving Card and Power supply (In the Screen)



Flexible Flat Cable

LED Screen



TWO-IN-ONE INFRASTRUCTURE

Signal Source(Computer)



Video Cable

Video Processor



Network Cable

Receiving Card and Power supply (In the screen)

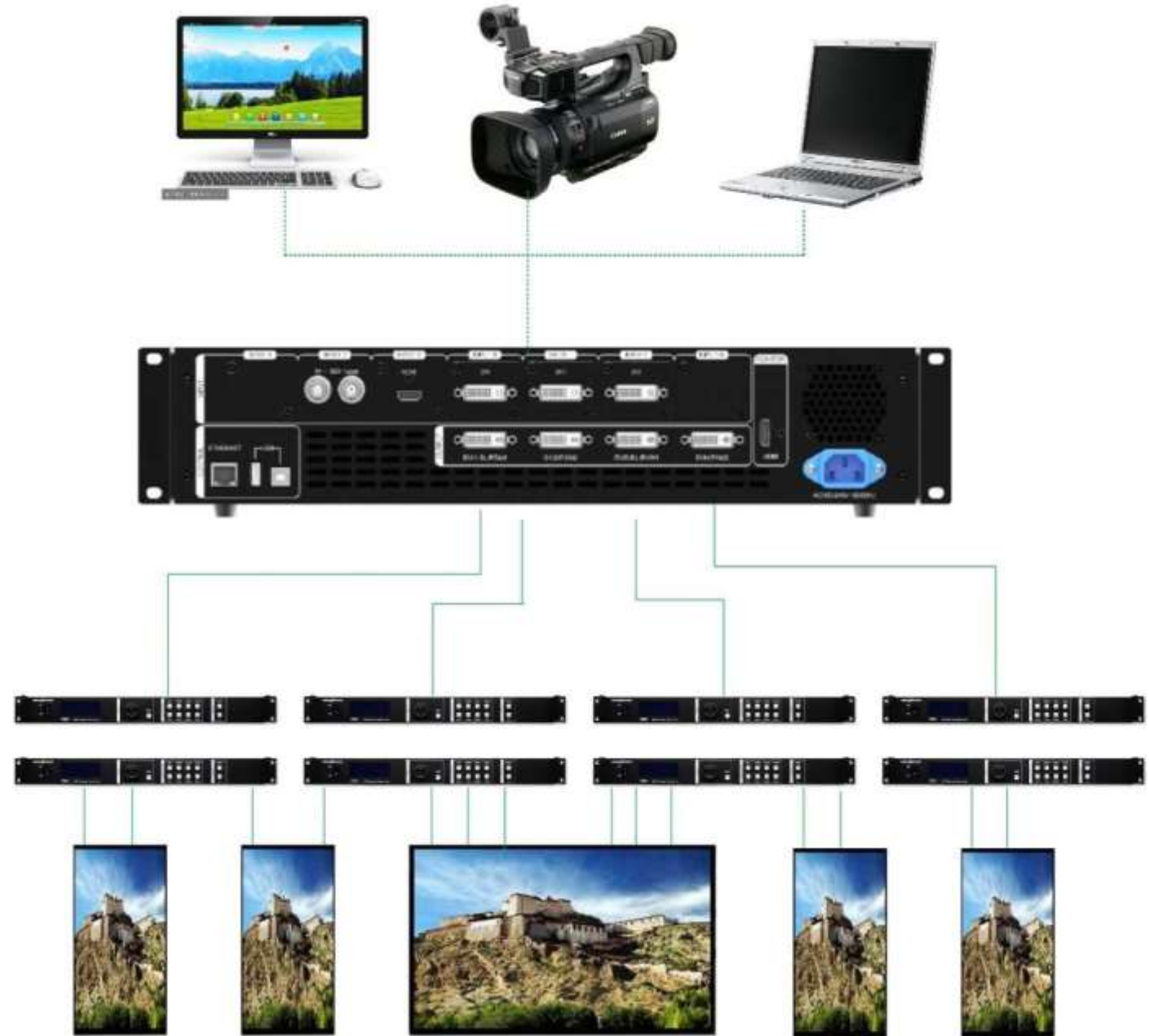
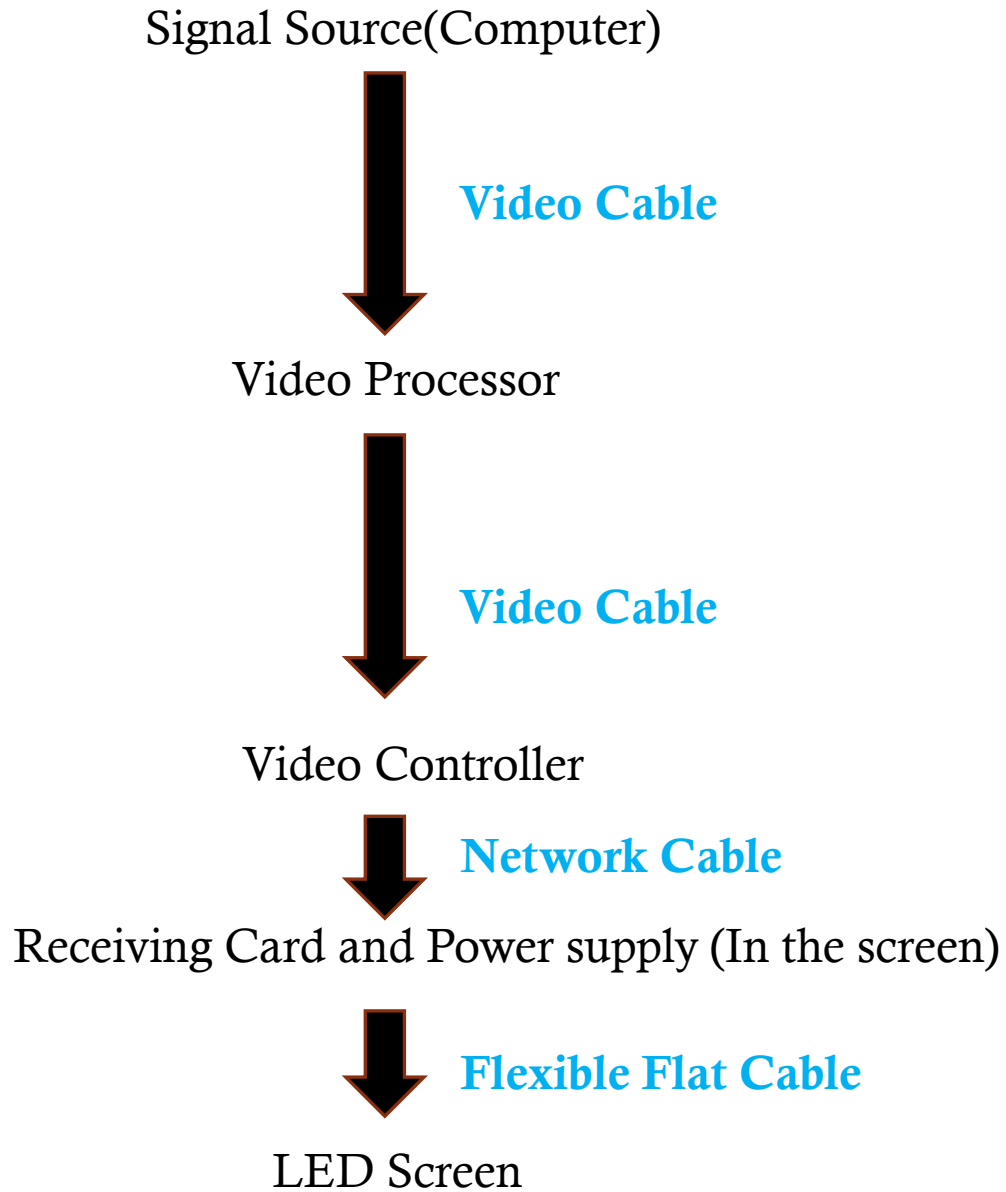


Flexible Flat Cable

LED Screen



SPLICER INFRASTRUCTURE



APPLICATION SCENARIO





Thank you

Email: supervise@chechitech.com

WhatsApp: +86 180 6161 6062

Address: Second Floor, Building 1, No. 9 Gaohu Road, Jiangning District,
Nanjing, Jiangsu, China

Nanjing Chechi Technology Co., Ltd