

科技改变生活

Science and Technology Change Life

Dream set sail hand in hand win-win situation

Product manual



北京信源国通科技有限公司

BGC (Beijing) Communication Co.,Ltd

东莞市百视特科技有限公司

Dongguan BGC Technology Co.,Ltd



Pursue excellent quality and serve customers sincerely

BGC to realize your dream with you



产品手册 >>>
Product manual
Hand in hand and win-win

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BGC (Beijing) Communication Co.,Ltd

东莞市百视特科技有限公司
Dongguan BGC Technology Co.,Ltd

Company address:Room 506, Hupo County, Changping District, Beijing

Factory address:8 / F, No.1 Dongping Avenue, Dongguan City, Guangdong Province



The pioneer of intelligent business display

BGC

公司简介 Company Profile

Dongguan BGC technology Co., Ltd. is a leading provider of business display solutions in China. The company focuses on the development and application of LCD commercial display and multimedia information release. It is a high-tech enterprise integrating R & D, production and sales. Over the years, the company has gathered the first-class domestic technology R & D elites, established a highly educated and high-quality professional team, and established long-term technical cooperation and industrial cooperation relationship with many leading chip suppliers in the world. Dongguan BGC Technology Co., Ltd. starts from the product system architecture design and industrial design, and carries out development and production in strict accordance with international general standards. The system software and hardware from scheme customization, product production, installation and implementation to later operation and maintenance services are in line with relevant international and domestic standards. Through the long-term and unremitting efforts of all the staff of the company, "BGC" brand has won the general recognition of the market and customers. The products have been applied in smart city, government, venues, transportation, energy, finance, radio and television, entertainment, medical care, education and other fields, and has been applied in South Korea, Singapore, India, Russia, Japan, Australia, Hong Kong, etc. Many countries and regions.



Enterprise spirit:

Adhere to the scientific and technological innovation as the foundation, focus on the transformation of innovation achievements into scientific and technological products, provide meaningful and valuable products and services for the society, so as to promote the development of society.

Cultural philosophy:

Responsibility, Gratitude, Integrity, Innovation, Excellence.

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产品介绍

Product introduction

Vertical series (touch / non touch)

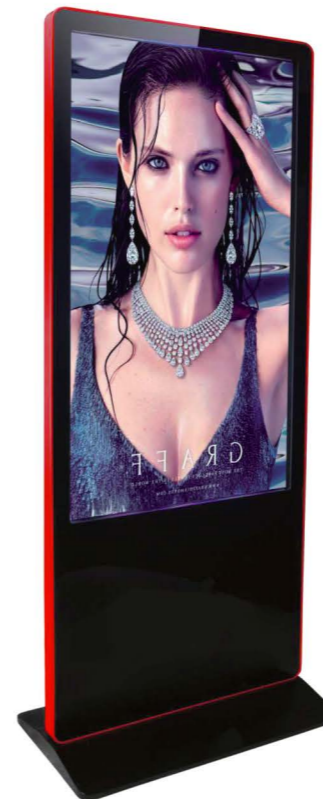
Customizable size: 22" 32" 43" 50" 55" 65" Inch
Customizable colors: (white/black/golden)



BGC Vertical advertising machine
CM32
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
CM55
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
BGC-CM50
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
BGC-CM55
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
BGC-CM55
HIGH QUALITY AND VISUAL FEAST

Vertical network advertising machine function

- Simple vertical installation and intelligent play
- Multiple output interfaces
- Timing switch on / off, timing broadcast, program scheduling
- Picture, video, text, time, calendar, weather
- Immediate release of emergency information, emergency, media files



BGC Vertical advertising machine
BGC-FC43
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
BGC-FC43
HIGH QUALITY AND VISUAL FEAST



BGC Vertical advertising machine
BGC-CM43
HIGH QUALITY AND VISUAL FEAST

■ 产品介绍

Product introduction

Wall mounted series (touch / non touch)

Customizable size : 10.4" 12.1" 18.5" 22" 32" 43" 50" 55" 65" 70" 84" 98" Inch
Customizable colors: (white/black/golden)



BGC Wall mounted advertising machine
BGC-FC15.6
HIGH QUALITY AND VISUAL FEAST



BGC Wall mounted advertising machine
BGC-FC18.5
HIGH QUALITY AND VISUAL FEAST



BGC Wall mounted advertising machine
BGC-FC18.5
HIGH QUALITY AND VISUAL FEAST



BGC Wall mounted advertising machine
BGC-FC21.5
Electronic class card



BGC Wall mounted advertising machine
BGC-CM18.6
HIGH QUALITY AND VISUAL FEAST



BGC Wall mounted advertising machine
BGC-FC22
Electronic class card



BGC Wall mounted advertising machine
BGC-CM21
HIGH QUALITY AND VISUAL FEAST

BGC Wall mounted advertising machine
BGC-FC21.5+7
THREE ELEVATOR AD MACHINE OF A DRAG



BGC Car mounted advertising machine
BGC-FC21.5
CAR AD MACHINE



BGC Wall mounted advertising machine
BGC-FC21.5
HIGH QUALITY AND VISUAL FEAST

BGC Wall mounted advertising machine
BGC-CM22
Elevator advertising machine



Function of wall mounted network advertising machine

- Network intelligent play, U disk play
- Media material upload, preview, classification, delete and other functions
- Videos, pictures, text, PDF, etc
- Industrial grade LCD panel, HD play
- Program production, management, release, download, delete, backup

Wall-mounted series (touch/non-touch)

Customizable size: 10.4"12.1"18.5"22"32"43"50"55"65"70"84"98 inches

Customizable colors: (White/black/tyrant gold)



BGC wall-mounted integrated advertising machine
BGC-CM43
HIGH QUALITY AND VISUAL FEAST



BGC wall-mounted integrated advertising machine
BGC-FC43
HIGH QUALITY AND VISUAL FEAST

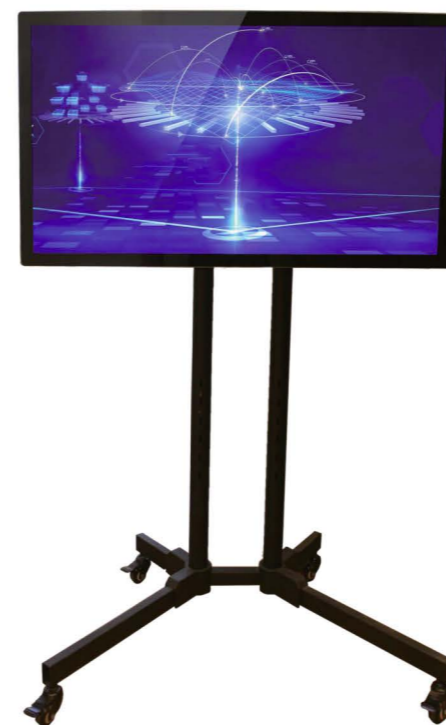


BGC wall-mounted integrated advertising machine
BGC-FC84
HIGH QUALITY AND VISUAL FEAST

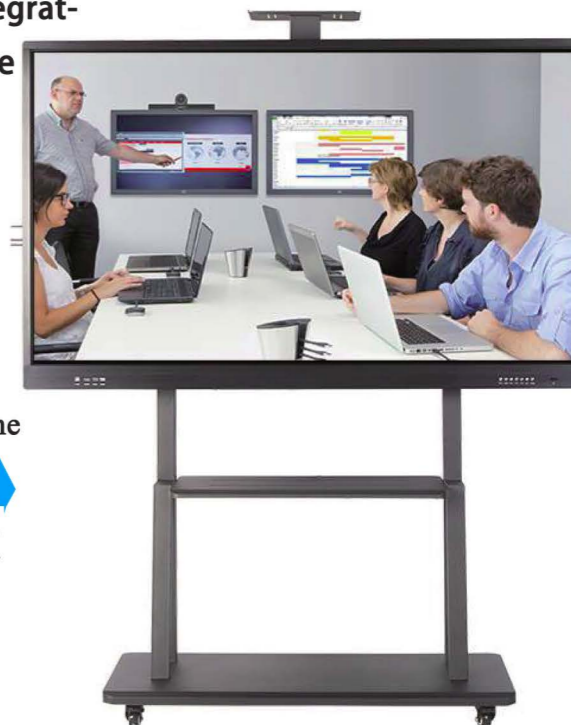
Teaching and conference all-in-one machine (wall-mounted/mobile bracket type)

Customizable size: 32"43"49"50"55"65"75"86" inches

Customizable colors: (White/black/tyrant gold)



BGC wall-mounted integrated advertising machine
BGC-FC43
HIGH QUALITY AND VISUAL FEAST



BGC wall-mounted integrated advertising machine
BGC-CM65
HIGH QUALITY AND VISUAL FEAST



Bedroom series (touch/non-touch)

Customizable size: 18.5" 22"32"43"50"55"65"70"84"98 inches

Customizable colors:    (White/black/tyrant gold)



BGC bedroom integrated advertising machine

BGC-CM32
HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine

BGC-CM32
HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM55

HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM21.5

HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM18.5

HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM43

HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM50

HIGH QUALITY AND VISUAL FEAST



BGC bedroom integrated advertising machine
BGC-CM32

HIGH QUALITY AND VISUAL FEAST

产品介绍

Product introduction

Splicing screen series

Size: 46''49''55'' inches
Brightness: 500 brightness 700 brightness
Patchwork: 3.5mm 1.7mm

BGC LCD splicing screen

BGC-D1D55

HIGH QUALITY AND VISUAL FEAST



BGC LCD splicing screen

BGC-D1D46

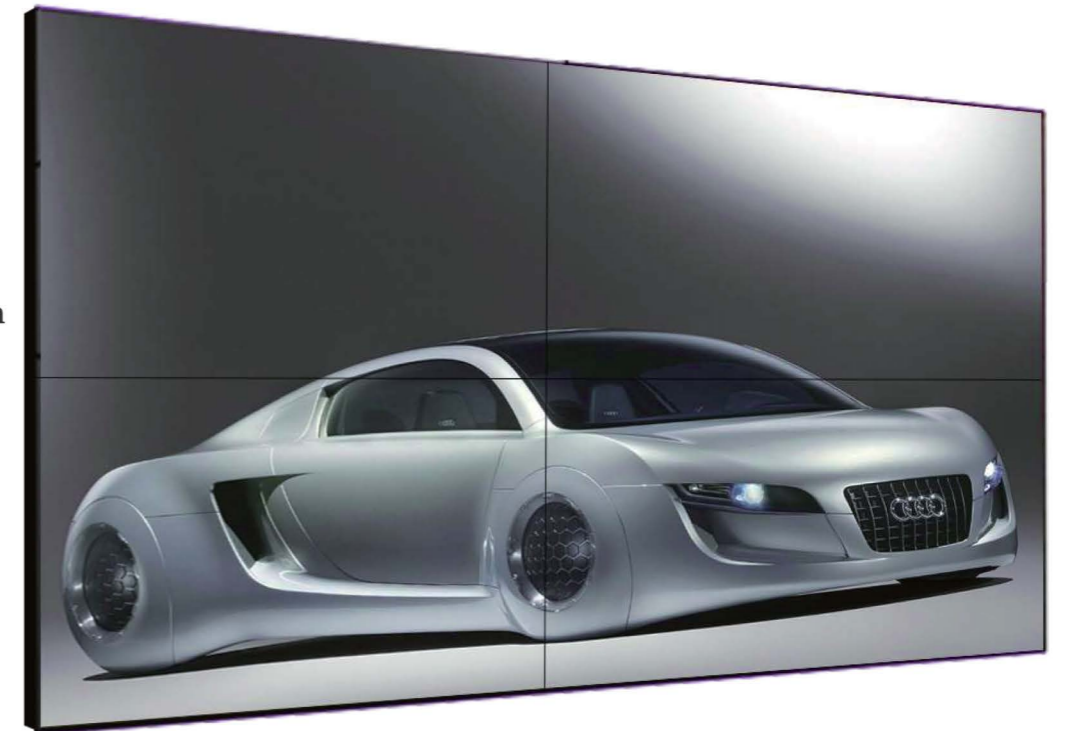
HIGH QUALITY AND VISUAL FEAST



BGC LCD splicing screen

BGC-D1D49

HIGH QUALITY AND VISUAL FEAST



Self service all in one machine series (touch / non touch)

Customizable size : 32" 42" 47" 55" 65" Inch
Customizable colors :



BGC-Self service all in one machine
BGC-CM32
Traffic accident processor



BGC-Self service all in one machine
BGC-CM32
Integrated service machine



BGC-Self service all in one machine
BGC-CM32
Vehicle number selection machine



BGC-Self service all in one machine
BGC-CM32
Hotel self service machine



BGC-Self service all in one machine
BGC-CM42
Credit card self service machine



BGC-Self service all in one machine
BGC-CM42
Code scanning buffet ordering machine

Outdoor customized advertising machine series (touch / non touch)

Customizable size : 32" 43" 50" 55" 65" 70" 84" 98" Inch
Customizable colors :



BGC-Self service all in one machine
BGC-CM32
Vehicle number selection machine



BGC-Self service all in one machine
BGC-CM32
Queuing machine



BGC-Self service all in one machine
BGC-CM43
Hotel self service machine

Appearance fashion: standard shell, according to customer demand, professional design elegant and fashionable shell, various styles, high-end extraordinary;
Timing backlight: support 10 groups of time interval timing backlight control, convenient and easy to operate;
Intelligent temperature control: intelligent constant temperature air conditioning cooling system can keep the internal temperature and dry environment of the fuselage, and prevent fogging and condensation;
Dustproof and waterproof: the airtight design of the whole machine can prevent the outside dust and water from entering the interior, reaching the IP55 standard;
Sunscreen and explosion-proof: the shell is galvanized steel plate, which is painted by special users, waterproof, sunscreen and anti-corrosion



BGC-Outdoor player
BGC-FC43
Horizontal screen
wall mounted



BGC-Outdoor player
BGC-FC43
White vertical



BGC-Outdoor player
BGC-CM50
Vertical gas station



BGC-Outdoor player
BGC-FC43
Electronic bulletin board



BGC-Outdoor player
BGC-CM50
White vertical



BGC-Outdoor player
BGC-CM50
Touch query



BGC-Outdoor player
BGC-CM55
Double screen electronic
newspaper reading column



BGC-Outdoor player
BGC-FC50
Horizontal screen electronic
newspaper reading column



BGC-Outdoor player
BGC-FC50
Intelligent bus platform



BGC-Outdoor player
BGC-FC43
Black and white vertical



BGC-Outdoor player
BGC-CM43
Black red vertical



BGC-Outdoor player
BGC-CM50
Windows system



BGC-Outdoor player
BGC-FC43
Vertical gas station



BGC-Outdoor player
BGC-FC55
Intelligent bus platform



BGC-Outdoor player
BGC-FC50
Intelligent bus platform



Customized series (touch / non touch)

Customizable size : 32" 42" 47" 55" 65" Inch

Customizable colors : (White / Black / Turquoise)



BGC-Vertical dual screen integrated player
BGC-FC43
State grid



BGC-Vertical integrated player
BGC-FC50
Warning signs



BGC-BGC-Vertical dual screen integrated player
BGC-CM43
Campus billboard



BGC-Outdoor player
BGC-FC43
Silver horizontal screen



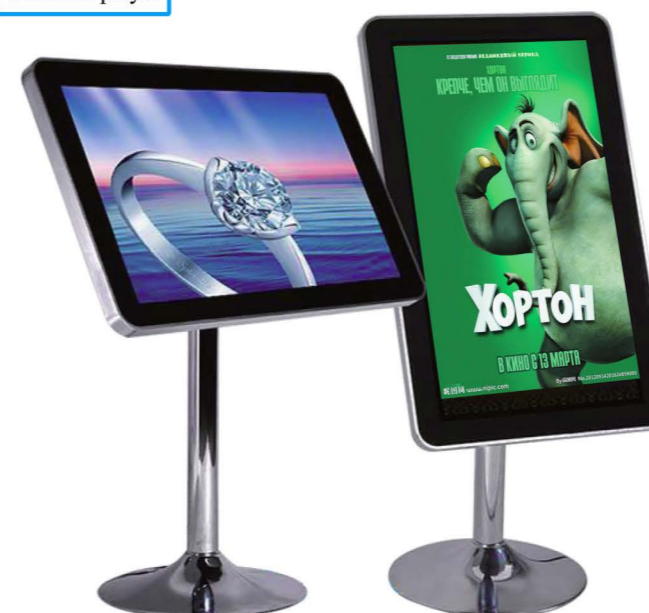
BGC-Outdoor player
BGC-CM43
Silver vertical screen



BGC-Outdoor player
BGC-CM43
WiFi intelligent sharing



Welcome player



BGC-Custom player
BGC-CM32
Welcome board



BGC-Custom player
BGC-CM43
Welcome board



产品介绍

Product introduction

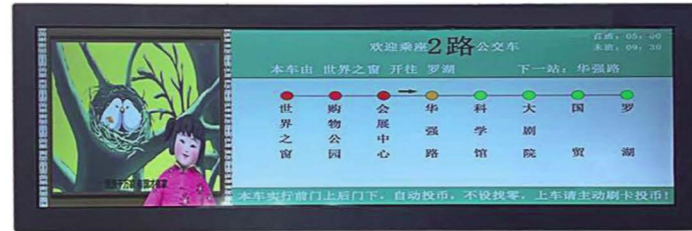
Bar Screen

Customizable size : 12. 4" 14. 3" 14. 9" 16. 4" 16. 8" 15. 9" 19. 3" 24. 4" 24" 28"

Customizable colors : (White/Black/Golden)



BGC-Customized player
BGC-FC27
Bar screen of shop name plate



BGC-Customized player
BGC-FC24. 4
Bus lead bar screen

Shelf screen



BGC-Customized player
BGC-FC14. 9
Shelf screen



Play Box

Customizable : 3288 player box A20 player box (Stand alone network)

Customizable colors : (Champagne gold, Black)



3288 player box



A20 player box

Advertising player base style

Customizable : Small waist, K type, T type

Customizable colors : (White, Silver)

Horizontal inquiry player



Horizontal base style-K type



Horizontal base style-small waist type



Horizontal base style - K type



Horizontal base style - L type

产品介绍

Product introduction

Ultra thin (single / double sided) hanging player



BGC-Custom player
BGC-CM32

Lightweight single side hanging



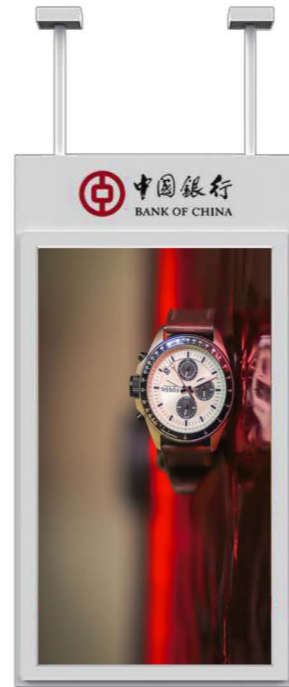
BGC-Custom player
BGC-CM22

Lightweight double-sided hanging



BGC-Custom player
BGC-FC32

Lightweight single side hanging



BGC-Custom player
BGC-CM84

Barber's mirror player



BGC-Custom player
BGC-CM32
Mirror player



BGC-Custom player
BGC-CM70
Clothing store mirror player

Mirror player



Bathroom / sink mirror player



High transparent display cabinet



BGC-Custom player
BGC-CM32
Touch transparent display cabinet



BGC-Custom player
BGC-CM22
Touch transparent display cabinet

High end transparent screen advertising player



BGC-Custom advertising player
BGC-CM32



BGC-CM32



BGC-CM55



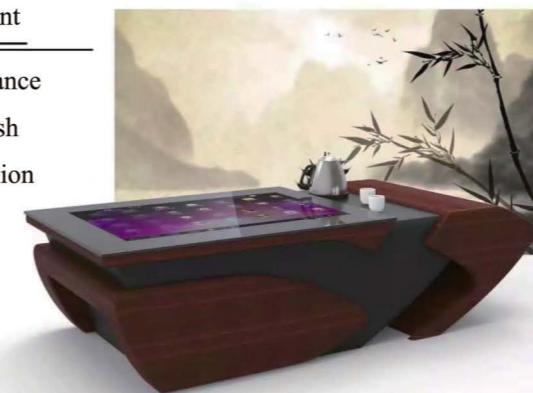
BGC-Custom advertising player
BGC-CM50

Elegant

Elegance

fresh

Fashion



BGC-CM32



BGC-CM55

Touch table



BGC-CM32



BGC-CM50

Car advertising player



BGC-Custom advertising
BGC-FC22
Back loaded advertising player



BGC-Custom advertising
BGC-FC22
Ceiling mounted car advertising player



BGC-CM50



BGC-CM43



BGC网络多媒体信息发布系统

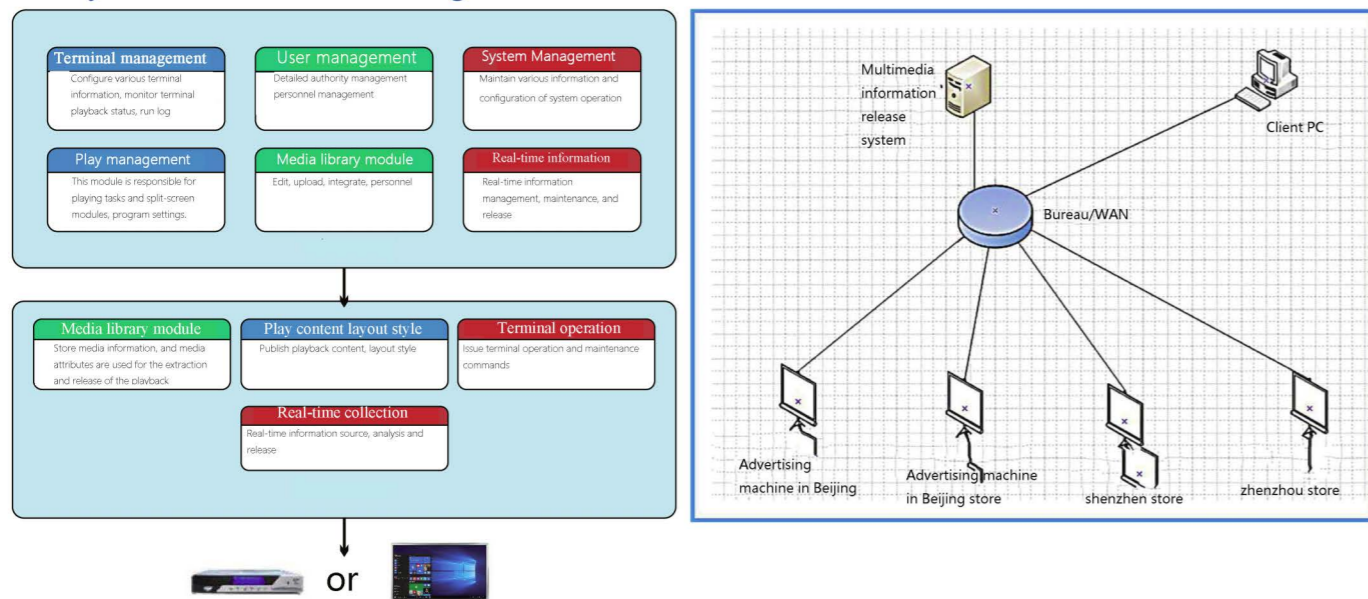
1. Brief introduction

DMS is the application of modern network technology in the field of video information, relying on advanced digital coding and coding technology, using two cutting-edge technologies, networking and split-screen, to form an interconnected network chain terminal equipment and servers deployed in various business places. It perfectly integrates all kinds of multimedia information and presents it on the same display screen. With the help of background centralized control and unified management,

2. System characteristics

1. The server is developed by the windows system, and the DMS terminal uses the Linux/Android embedded operating system, which makes the system more open, richer in resources, stable, and strong in anti-virus capabilities.
2. Access control design, the system can automatically repair when the equipment is abnormal, without crashing.
3. Local storage and playback, low network dependency.
4. The secondary review of the broadcast content and the monitoring of technical means prevent the system from being controlled by illegal users and ensure the legitimacy of information to the public.

3. System architecture block diagram



4. DMS system structure

1. Management end: Provide an entrance to the user management system.
2. Server: The backend that carries data and operation management.
3. Information release terminal: a carrier for multimedia display and communication.

Customization services

CUSTOMIZATION

Tailored to suit the needs.
Military quality, as solid as a rock
Quality service, win-win together

Customized service

- demand analysis
- Design
- Draw up a contract
- Hardware developme
- Software development
- function display
- Confirm prototype
- Depth test
- On time delivery
- Work together

Advertising machine customization

Your demand is our pursuit we will solve it for you one-stop!

If you have any good product ideas, you might as well find a sunny morning, let's have a cup of coffee and chat together, maybe we can still help you.



BGC Conference all in one machine

High precision infrared touch, intelligent gesture recognition, writing response speed $\leq 4ms$, supporting ten people to write at the same time



Multi touch



Whiteboard writing



Presentation



Document annotation



Wireless projection



Multi screen interaction



HD display



Dolby sound effect



Rich interface



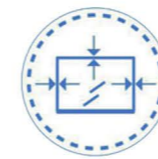
Remote video conference



Scan code sharing



Dual system



Nearly 100 mm narrow edge with ultra narrow frame design



Multi touch, infrared induction positioning technology



Integrated design, six in one, one machine is better than six



4K ultra high definition image quality, vivid picture details



Dual system design, support Android and windows dual system



Magnetic suction intelligent pen holder (optional)

功能优势
Functional Advantage

Meeting records can be shared



Same screen system, multi-screen interaction







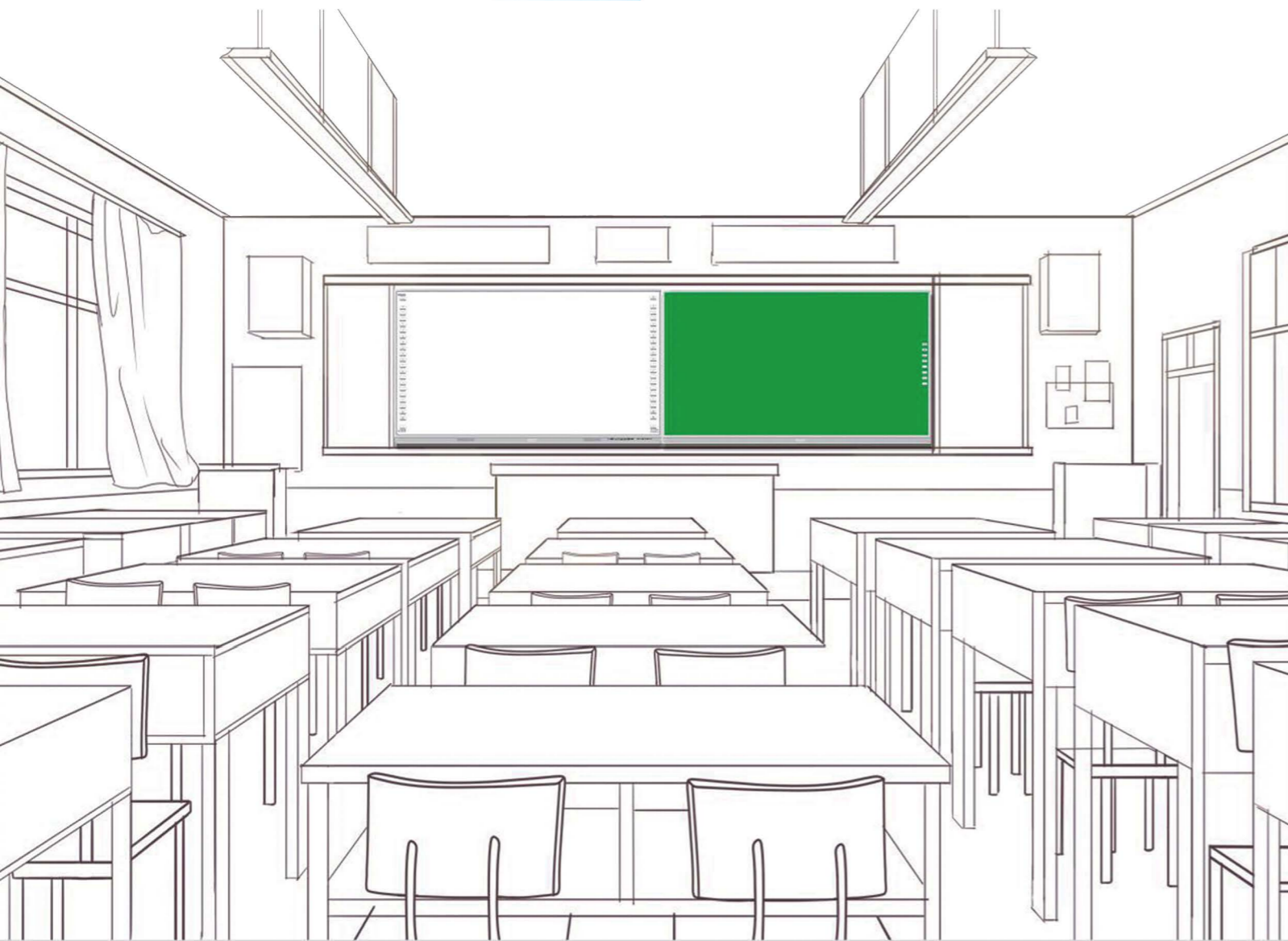
Video conference operation is easy to use Document annotation multiple tools



BGC-TS conference all-in-one



会议一体机技术指标				
Product name	BGC-TS-65	BGC-TS-75	BGC-TS-86	
LCD screen type	LED			
Physical resolution	3840*2160			
Luminance	450cd/m ²	450cd/m ²	450cd/m ²	
Contrast ratio	4000:1			
Screen ratio	16:9			
Viewing angle	178°			
Hue	10bit,10.7Billion color			
CPU	A73*A53*A2			
Main frequency	1.5G			
Android system	8.0			
Flash	32G EMMC			
RAM	4G DDR3			
Input port	VGA/AUDIO*1 USB 3.0*1 USB 2.0*1 RJ45*1 SD CARD*1 HDMI*2 RF*1 HeadPhone*1 AV*1 AV OUT*1 YPbPr*1 COXIAL*1 RS232*1 TOUCH USB*1 HDMI OUT*1 DP*1			
Front button	One-button switch			
Rated voltage	AC(100-240)V~50/60HZ			
Operating temperature	0°C~45°C			
Support touch points	Ten points			
Touch mode	Finger or pen touch			
Positioning Technology	Infrared induction positioning technology			
Positioning accuracy	<2mm			
Positioning resolution	32768*32768			
Continuous response time	≤4ms			
Cursor speed	>240点/S			
Touch screen system	Communication port USB			
operating system	Support WINDOWS series /LINUX/MAC /Android			
Effective touch object size	≥Φ2mm			
Number of touches	More than 60 million times in the same location			
Optional accessories				



The interactive blackboard solution mainly solves the problem that the traditional electronic whiteboard does not support writing, while the traditional blackboard writing content cannot be saved. Through the interactive blackboard, the notes can be changed into electronic version and shared out. The interactive blackboard can be used together with the projection whiteboard, and can also be used with the LCD all-in-one computer scheme.



Touch panel



Writing and preservation



Share



System



Interactive blackboard



Writing board

Product features



Touch panel

The whiteboard adopts the latest generation of infrared touch technology. It supports 10 touch points to write at the same time without dropping the line. It supports the gesture erasing and gesture writing mouse switching. The continuous writing speed can reach less than 4ms.



Write and preservation

The writing pad can choose white font, green background, red font and green background for writing. If necessary, it can be changed to any color pen or background color through software, and the note content can be saved as PPT, word, pictures and other general files.



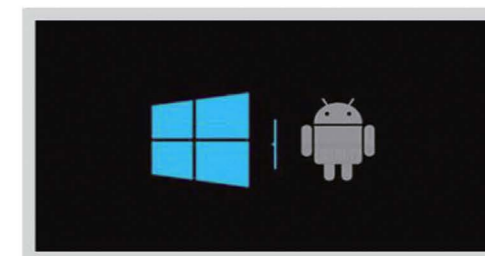
Share

After writing, the interactive blackboard can quickly share the blackboard content to all mobile devices through scanning, and then the notes can be taken away after saving.



System

The interactive whiteboard host adopts windows and Android dual system, which ensures the security of the design. At the same time, the host supports wireless screen transmission and self built WiFi.



Interactive blackboard

The writing board can be connected with the main control computer quickly by pressing the shortcut keys, and then the electronic notes can be taken.



Writing board

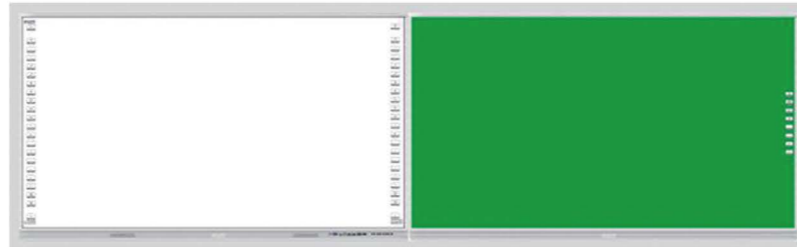
Dual screen interconnected whiteboard. The whiteboard can be used with white panel and writing pen, or green panel with chalk.



Product solutions

Mode 1 Dual screen scheme

One side of the electronic whiteboard integrated machine is equipped with OPS computer, audio, central control and electronic whiteboard, and the right side is connected with books and writing boards. The size of the interconnected writing board can be customized according to the size of the integrated electronic whiteboard machine.



Mode 2 Three screen scheme

Electronic whiteboard is used in the middle, with built-in OPS computer, audio, central control, electronic whiteboard, etc. the left and right sides are connected writing boards. The size of the interconnection writing board can be customized according to the size of the integrated electronic whiteboard machine.



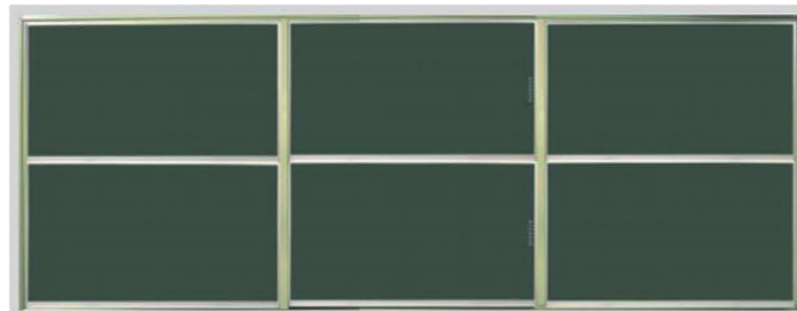
Mode 3 Three screen LCD scheme

The LCD integrated machine is used in the middle for display, and the left and right sides use the interconnected writing board. The size of the interconnected writing board can be customized according to the size of the LCD all-in-one machine. It is recommended that the LCD all-in-one machine should be more than 86". The contents of writing on both sides of the blackboard can be synchronized on the LCD integrated machine.



Mode 4 Writing board with green board scheme (customized)

The Internet blackboard adopts the combination push-pull blackboard with intelligent note taking.



Technical index

Technical index of interactive blackboard scheme	
Appearance	The interactive blackboard is matched with the main display device
Size	The interactive blackboard is matched with the main display device
Panel selection	Green board / White board
Induction mode	Infrared sector oblique scanning mode
Sensing object	Any opaque object such as fingers, sticks, etc
Touch	Support touch on / off
Gesture recognition	Support gesture recognition
File save	Support to save PPT, word, PDF, pictures
Touch resolution	32768×32768/4096×4096
Positioning accuracy	Typical accuracy≤0.3mm ≥2mm
Writing points	More than or equal to ten points
Cursor speed	About 240 points / second
Response time	First click: 8ms Continuous (writing): 4ms
Touch screen life	Over 60, 000, 000single touch
Computer interface	USB2.0/USB3.0
Waterproof	Support
Dustproof	Support
Life	More than 5 years
Working Voltage	DC 4.6V ~ DC 5V
Power wast	Less than 1W, working under usb-5v voltage, current less than 200mA

8 inch temperature measurement attendance machine



Access records at any time
It provides guarantee for enterprises and stores. It can be used for personnel management, intelligent attendance check-in, body temperature monitoring, one key generation of attendance report, and cloud management and update



PRODUCT PARAMETER TABLE

Product Model	Category	Performance
Camera	Resolution	200W
	Type	RGB+ infrared
	aperture	mm 4.0
	Focal length	M 0-2
	White Balance	Automatic
Screen	Dimensions	8 inch, full view IPS LCD screen, Can be customized
	Resolution	1920*1080
	Brightness	400cd/m2
System	CPU	4 cores, RK3288
	DDR3	2GB (optional 4 G)
	Memory	8GB (optional 16 G, 32G)
	Image processing	Built-in dual ISP
	Operating system	Android 7.1
	Touch screen	Optional touch screen
Network	Wifi	G WiFi2.4
	Bluetooth	Bluetooth 4.1
	Ethernet	10/100 M Netting
Accessories	Supplementary Light	Infrared and LED lights
	Card reading module (reserved)	IC/ID card reader, ID card reader QR code reader, thermal imaging tempera
	Network module (reserved)	4G module
Machine interface	Wigan Interface	Can support Wigan input and Wigan output
	USB interface	USB_Host 2.0 1
	OTG interface	USB OTG 1 one
	Serial port 232	One RS232 interface, one WG input, one WG output
	Reset Interface	Side hole, external key
	Audio	1 line out Road
	POE	Support POE Power Supply (Selection)
Temperature measurement module	Thermal imaging	Thermal imaging temperature measurement, deviation $\pm 0.3^{\circ}\text{C}$, ranging 80-120 cm Imaging pixels :32*32

功能优势 Functional Advantage

Non contact hand washing



Rugged screen



Custom play interface

Divide as you want, split screen playback

It can display rich content such as videos, pictures, texts and so on at the same time, and there are a large number of templates to support each area can be fine-tuned split screen, multiple split screen methods to meet your playback needs.



New upgrade



21.5 inch sterilized advertising machine

The host parameter	RK3288 quad-core 1.8ghz processor	
	2G running memory	Extensible 16 gb / 32 g / 64 g / 128 g
	8 gigabytes of stored memory	
Screen parameters	21.5 inch, LED	
	1920 * 1080 resolution	
	Brightness: 350 CD/m2	
	Contrast 1000:1 display area 476*269	
	New viewing Angle of original industrial screen: full IPS viewing Angle	
	Response time: 6ms	
Temperature measurement parameters	Temperature measurement distance: 30-50cm	
	Maximum temperature measurement distance: 166CM	
	Temperature range: 23-48 degrees	
	Ambient temperature of room temperature: 20-35 degrees (medical environment), because the human body surface temperature below 15 degrees is no longer linear relationship, no matter how compensation is not accurate, the first boot needs to wait about 10 minutes.	
	When a person enters the temperature measuring area for 2S, he/she reads the body temperature, which is the measured body temperature. He/she should not point at the light source or the glass, nor let sunlight shine on the module sensor.	
The interface parameters	USB3.0*1, USB2.0*1, RJ45*1, Power switch *1,	
	Power *1, WIFI*1	
Disinfecting machine parameters	capacity:1000ML	
	Solution: spray, foam, soap drops	
	Ultraviolet: Ultraviolet disinfection	
Information release software	PC side information release software	
	Mobile phone information release software	The flagship version supports face recognition for gender
	WeChat applet	Advertising information push.
	Support LAN/cloud deployment	
The power supply	AC100-240V 50/60HZ	
	Infrared sensor voltage: AC 6V	
	Machine power: 18W	
The shell process	Full sheet metal, tempered glass, nano anti fouling and waterproof coating	
Random accessories	Manual, warranty card, WIFI antenna, certificate, key, power cord	