



ShenZhen WanBo Technology Co.,LTD



INTELLIGENT
PARKING
EXPERT



TEL : 0755-86023286 FAX : 0755-86028165
MOBLE : 18123621826
WEB : www.wbparking.cn



INTELLIGENT PARKING EXPERT

Focus On Achievement Of Products / Services To Achieve The Future



01/ Company profile P-01

02/ enterprise qualification P-02

03/ Scheme introduction

Full video parking guidance solution	P-03
Outdoor parking space guidance solutions	P-04
Front-mounted ultrasonic parking guidance solution	P-05
Split ultrasonic parking guidance solution	P-06
Vertical garage parking guide solution	P-07

04/ Software introduction

Video guidance software	P-08
Ultrasonic guidance software	P-09

05/ Product introduction

Probe part	
Video detector	P-10
Buried dual-mode geomagnetic detector	P-11
Surface magnetic parking detector	P-11
Front-mounted ultrasonic parking detector	P-12
Split ultrasonic parking detector	P-12
Ground-mounted ultrasonic parking detector	P-13
Parking guidance configuration tool	P-13
Parking indicator LED light	P-14
Wireless parking indicator	P-14

Controller section	
Outdoor controller	P-15
Indoor controller	P-16

Boot screen section	
Indoor Guidance Screen	P-17
Outdoor Guidance Screen screen	P-18
Parking lot guidance screen	P-19

Reverse search section	
Horizontal query terminal	P-20
Vertical query terminal	P-21

06/ Block parking magnetic space Information acquisition system

System overview	P-22
System advantage	P-22
Geomagnetism	P-23
Wireless gateway Block parking	P-23
Handheld toll terminal	P-24

07/ Engineering case P-25

COMPANY
PROFILE

Shenzhen Wanbo Technology Co., Ltd. is a focus on parking space guidance equipment, research and development, production, sales in one of the national high-tech enterprises, the company has invention patents, utility model patents, software copyright and other related qualifications 49, has a sound research and development, production and sales system, can provide customers with a full range of services from system to products to accessories.

The company has a full set of products and perfect solutions, such as ultrasonic parking guidance system, video parking guidance system, geomagnetic parking guidance system, parking fee detection system, etc.

Since its establishment, the company has not only covered all provinces in China and Hong Kong, Macao and Taiwan, but also successfully launched projects in more than 20 countries and regions such as the United States, Dubai, Poland, Kazakhstan and Spain and so on.

Formed a skilled, experienced and innovative R & D team, with embedded systems, industrial control, automatic identification, software development and other related technology core R & D capabilities, to provide customers with systematic, comprehensive product solutions and technical services.

The company always adheres to the business philosophy of "focus on products, service to achieve the future", to provide customers with high quality, perfect, professional one-stop service.

Based on the excellent technical strength, seeking the innovation and development of the industry, constantly increasing the investment in science and technology development, leading the majority of users to create a new era of intelligent parking.

COMPANY
QUALIFICATIONS

	Certificate Name	Category
	National high-tech enterprises	Enterprise certification
	ISO9001 quality management system certification	Enterprise certification
	The invention relates to an automatic parking berth information system and method	Invention patent
	A parking detection method based on geomagnetic sensor	Invention patent
	The utility model relates to a data acquisition and transmission subsystem for a parking space guidance system of a vertical garage	Invention patent
	Based on magnetic detection of roadside parking radar Low and high video fusion detection method	Invention patent
	A kind of suitable for vertical garage parking guidanceSystem data acquisition and transmission subsystem	Invention patent
	An integrated parking detector based on dual-ultrasonic sensors	Utility model
	A multi-sensor wireless parking detector	Utility model
	A way to support multiple chargeParking charging device	Utility model
	A video parking guide device	Utility model
	A roadside parking video low pile	Utility model
	Dual radar magnetic detector	Utility model
	A wireless debugging method basedParking guidance screen	Utility model
	A method based on wireless debuggingParking space probe	Utility model
	A multi-parking video parking detector	Utility model
	A controller for parking guidance system	Utility model
	A used in the parking lotCar boot screen	Utility model
	Wireless parking indicator	Exterior design
	Wireless parking space probe	Exterior design
	Front ultrasonic parking detector	Exterior design
	Video parking space probe	Exterior design

- 4Patent of invention
- 13Utility model
- 23Software copyright
- 9Patent of appearance
- 25Third party Test report
- 4CE certification
- 1ROHS
- 5Software testing

Wanbo Honour



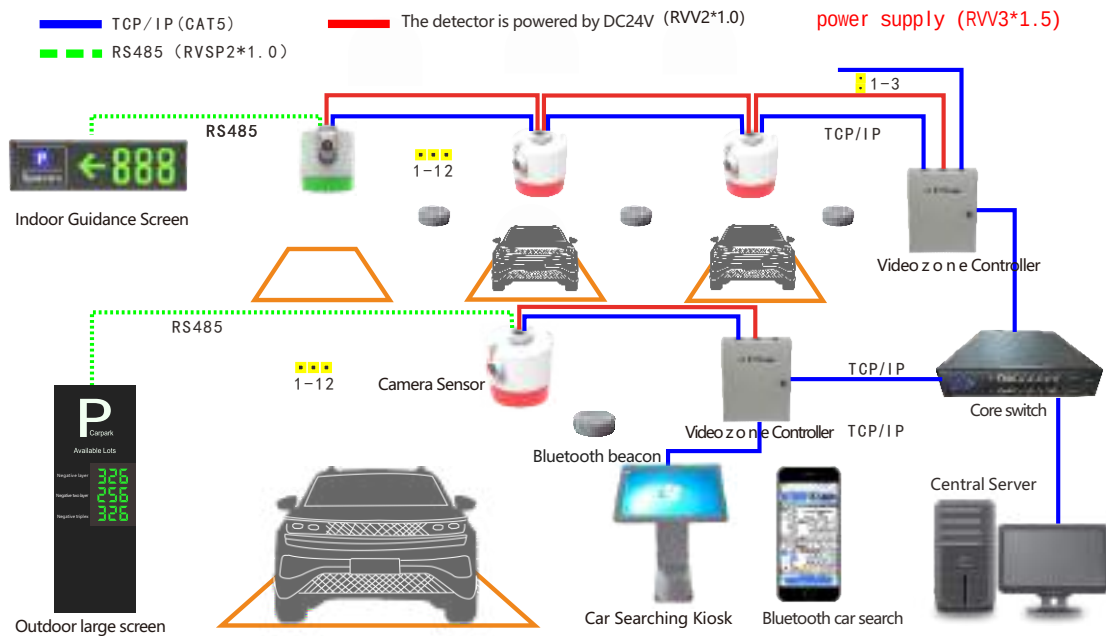
Alliance name	Union office
China Cloud Parking Industry Alliance	Standing director unit
China Intelligent Transportation Industry Alliance	Standing director unit
CLAA alliance	Standing director unit

PROGRAM INTRODUCTION

► 01 All video parking guidance solution

System Overview : Video parking guidance system is based on video recognition. By installing intelligent parking video detector in front of the parking space in the parking lot, the parking information is processed in real time, the parking status is detected, the license plate number is recognized, and the occupancy status of the parking space is directly transmitted to the guidance screen. By inquiring terminal input license plate number to find vehicles can add Bluetooth beacon,expand mobile phone dynamic navigation car finding function.

System advantages	Accurate identification	Using the domestic advanced license plate recognition algorithm
	A variety of probe versions	The parking detector supports 1 to 6 parking Spaces recognition
	Expanded function	Expandable security monitoring and iBeacon mobile phone navigation functions
	External lamp function	Support to expand the external light function
	Scene aware algorithm	Cross line parking, illegally occupied



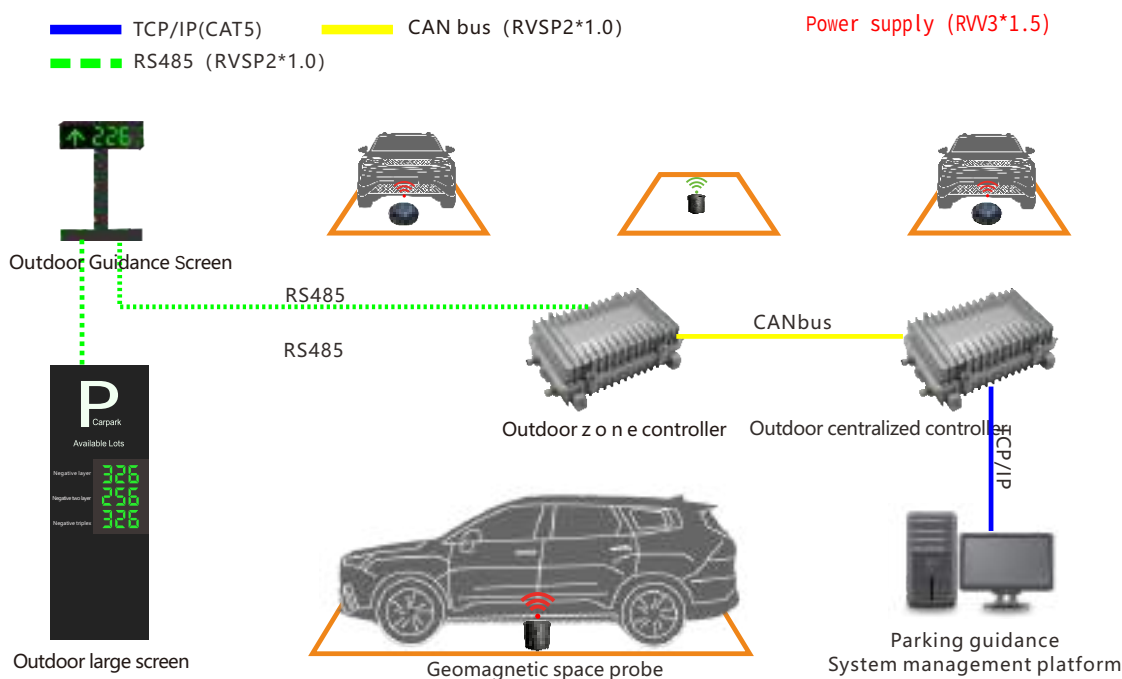
02 Outdoor parking space guidance solution ◀

System Overview :

The outdoor geomagnetic parking guidance system is an outdoor parking guidance system, which monitors the status of the parking space in real time through the geomagnetic field, and is released to the outdoor guidance screen to guide the owner to park quickly.

System advantages

Wireless networking	Flexible use of regional countries with less interference frequency band, stable transmission of information
Excellent detection algorithm	Unique dynamic algorithm mechanism, with geomagnetic algorithm invention patent
Low power design	Excellent low power design, battery power supply, stable use for 5 years
Industrial grade design	Ip68 protection grade, 20 tons of compression capacity, working temperature -40°C~85°C
Easy to use	Mobile client configuration, upgrade and maintenance

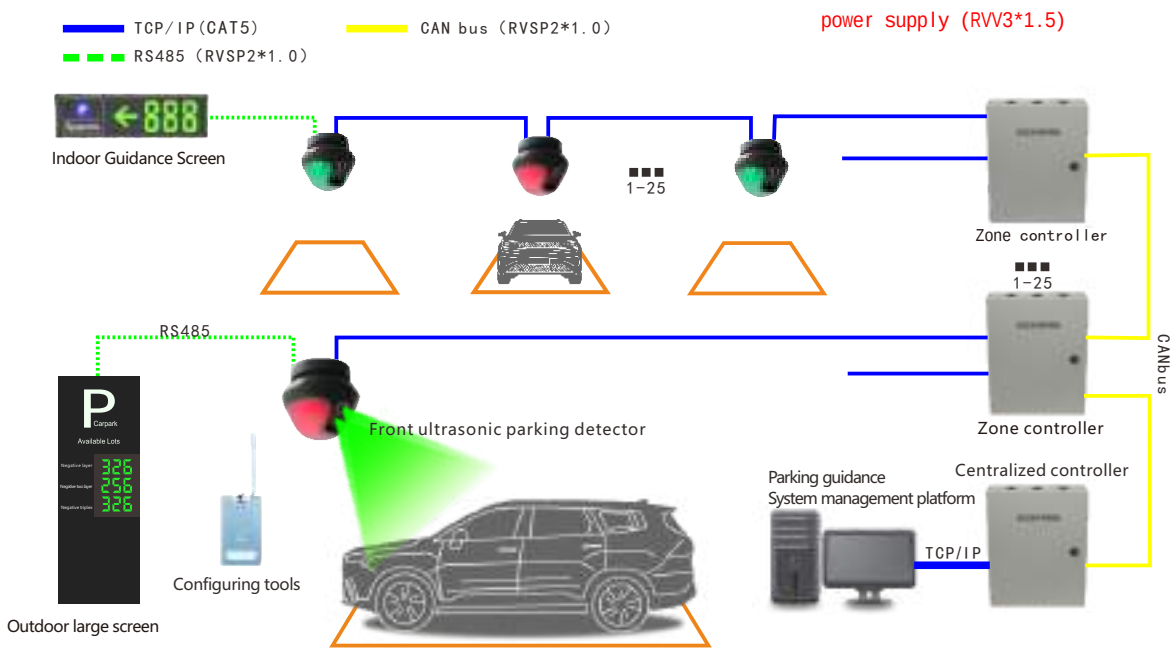


► 03 Front-mounted ultrasonic parking guidance solution

System Overview : The front-mounted ultrasonic guidance system is a parking guidance system applied to indoor parking lots. It monitors the status of parking space in real time and releases it in real time through the guidance screen and indicator light to guide the car owner to park quickly.

System advantages

- Save money and effort: Compared with the traditional split system, reduce the cost and time of construction
- Stable accurate: Adopt two independent transmitting and receiving ultrasonic circuit design and advanced ultrasonic parking detection anti-interference algorithm. The accuracy rate is more than 99%
- Run off line: Offline run the largest can accommodate 31250 parking Spaces
- Industrial design: After strict electrostatic, lightning and surge, group pulse testShort circuit, reverse connection, wrong connection protection
- A patent appearance: Unique appearance design, simple atmosphere large display area, long visual distance
- Easy to use: Mobile client configuration, maintenance
- Multicolor light: Define different colors depending on the type of car
- The key to upgrade: Supports one-click upgrade

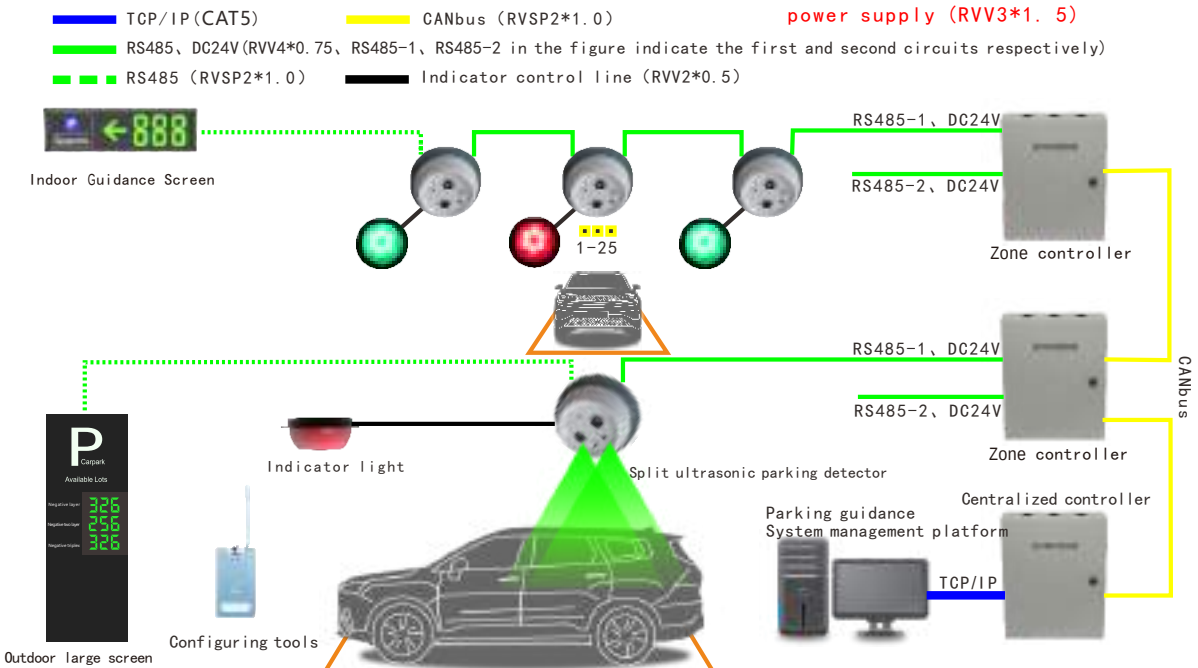


04 Split type ultrasonic parking guidance solution ◀

System overview : Split ultrasonic guidance system is a parking guidance system used in indoor parking lots. It monitors the parking status in real time and guides owners to park quickly through the guidance screen and indicator light.

System advantage

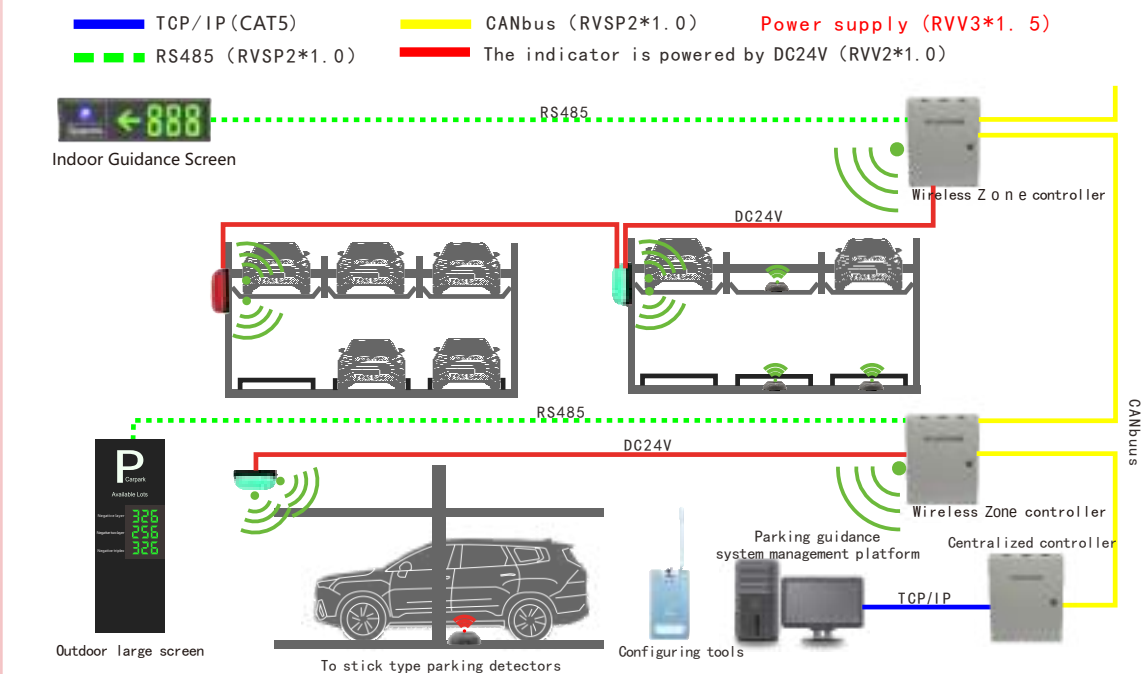
- one-click to upgrade: Supports one-click upgrade
- Stable and accurate: Using two independent transmitting and receiving ultrasonic circuit design and advanced ultrasonic parking detection anti-jamming algorithm, the accuracy rate reaches more than 99%
- Offline operation, flexible networking: Offline run the largest can accommodate 31250 parking Spaces
- Industrial design: After strict static electricity, lightning and surge, group pulse test with short circuit, reverse connection, wrong connection protection
- Easy to use: Mobile client configuration, maintenance
- Detection range: Can install support 15 ~ 6 meters height



► 05 Vertical garage parking guidance solution

System overview : The design of the ground-mounted ultrasonic guidance system is specifically aimed at the problem of difficult wiring of the three-dimensional parking garage. Through wireless networking, the detector is installed in the center of the iron plate of the parking space, real-time monitoring of the status of the parking space, and real-time release through the guidance screen and indicator light to guide the owner to quickly park.

System advantage	Wireless networking	Flexible use of regional countries with less interference frequency band, stable transmission of information
	Wireless relay lamp	Have wireless signal amplification function Long transmission distance, avoid metal shielding
	Low power design	Excellent low power design Realize battery power
	Run off line	Offline run the largest can accommodate 31250 parking Spaces
	Industrial design	After strict static electricity, lightning and surge, group pulse test With short circuit, reverse connection, fault protection
	Easy to use	Mobile client configuration, maintenance



SOFTWARE INTRODUCTION

Video guidance software ◀



Software function

Platform side

- Electronic map real-time display, vehicle access information display, parking statistics, parking utilization statistics,
- Average usage statistics of parking lot, civilized parking statistics
- illegal parking alarm
- Multilingual switch module management
- User management, equipment management, map management, parking management, operation management.

Query side

- License plate fuzzy query, time period query, unlicensed car query, parking query,
- Map rotation, map zooming, dynamic display of search route

► Ultrasound uided software



Software function

- Parking statistical electronic map display
- Real-time parking status display
- Device management Map management

PRODUCT INTRODUCTION

Probe part

Video detector ◀



Intelligent video parking guidance system uses advanced parking status pattern recognition algorithm and intelligent license plate video recognition algorithm to achieve parking guidance and reverse car search functions.

Product parameter

Product model	WBP-T03V-3	WBP-T03V-6
Monitoring quantity	Support 1-3 parking/Taiwan	Support 2-6 parking/Taiwan
pixel	3000000	
Maximum resolution	2304*1296	
Indicator light	Support 7 colors (red, green, white, yellow, purple, dark blue, light blue)	
External indicator light	Supports external indicators	
Dc power supply	Standard DC24V, support DC 9~36V wide power supply	
Standard POE	PoE 802.3af is supported	
Non-standard POE	The circuit breaker is combined with non-standard POE circuit breaker, which supports camera hand-in-hand connection	
Temperature	Operating temperature: -20°C~60°C	
Humidity	(no condensation of 10% ~ 95%)	
Event light cue	Support line parking, vehicle occupying events such as light prompt	
Bluetooth reverse car finding	Supports Bluetooth positioning	

► Buried dual-mode geomagnetic detector



The buried dual-mode geomagnetic detector has two detection modes, millimeter wave radar and geomagnetic, combined with unique dynamic machine algorithm, can accurately detect parking status. The new 470MHz LoRa wireless communication scheme and NB-IoT wireless communication scheme can better adapt to the outdoor parking lot environment.

Product parameter

Product model	WBP-T10M/WBP-T10M-NB
Specification and size	Φ100*110mm
Shell material	Black PC+ABS
Protection class	IP68
Net weight	850g
Installation mode	Buried type
Operating temperature	-40°C ~ 85°C
Anti-pressure ability	20t
Wireless upgrade	support
Bothway communication	support
Battery capacity	38000mAh
Communication mode	LoRa/NB-IoT

► Surface dual-mode geomagnetic detector



The surface-based dual-mode geomagnetic detector has millimeter - wave radar And geomagnetic detection modes, combined with unique motion State machine algorithm can accurately detect parking space. all New 470MHz Lo Ra wireless communication scheme, can To better adapt to the environment outdoor parking lot, Table type installation is simple, more suitable for use in special non The position of the open hole.

Product parameter

Product model	WBP-T10S
Specification and size	Φ175*40mm
Shell material	Black PC+ABS
Protection class	IP68
Net weight	860g
Installation mode	Surface type
Operating temperature	-40°C ~ 85°C
Anti-pressure ability	20t
Wireless upgrade	support
Bothway communication	support
Battery capacity	18000mAh
Communication mode	LoRa

Front ultrasonic parking detector ◀



Front-mounted ultrasonic combines the light and probe into one, installed in front of the parking space, saving construction costs. More advanced ultrasonic guidance system, the product is more beautiful, more convenient installation, construction less time.

Product parameter

Product model	WBP-T02F
Operating voltage	DC 10~28V(rated 24V)
Power consumption	<1W
Operating temperature	-20°C ~ 65°C
Mounting height	Vertical 2~3m (recommended 2.2-2.8m)
Specification and size	Φ126*125mm
Net weight	180g
Exterior material	Gray ABS engineering plastic

Split ultrasonic parking detector ◀



Split ultrasonic guidance system, the probe is installed in the parking space directly above, the indicator light is installed in front of the parking space. Split ultrasonic guide system is the longest used guide system, beautiful products, easy installation, easy debugging.

Product parameter

Product model	WBP-T01
Specification and size	Φ120*45mm
Net weight	110g
Mounting height	1.5~6m(recommended2.5m)
Exterior material	Gray ABS engineering plastic
Operating temperature	-20°C ~ 65°C
Operating voltage	DC 10~28V(rated 24V)
Power consumption	<0.5W

► Ground-mounted ultrasonic parking detector



The ultrasonic parking guidance system is a customized parking guidance system for three-dimensional parking garage. Through years of experience in wireless networking, the 470MHz frequency band was first used in the parking lot environment in China, and according to the all-metal environment of three-dimensional parking garage, the first wireless amplifier module was im planted in the indicator light, effectively avoiding the problem of metal shielding.

Product parameter

Product model	WBP-T02GW
Specification and size	Φ124 * 44mm
Net weight	215g
Protection class	IP65
Installation position	The parking iron plate is in the center
Exterior material	Gray ABS engineering plastic
Operating temperature	-20℃ ~ 65℃

► Parking guidance configuration tool



With the help of the configuration tool and mobile phone, we can complete the debugging and maintenance of our ultrasonic series detectors, geomagnetic series detectors and boot screen series.

Product parameter

Product model	WBP-T02-T
Operating voltage	5V
Power consumption	<1W
Operating temperature	-20℃-65℃
Specification and size	60*106*15mm
Net weight	120g
Wireless upgrade	support
Material	ABS engineering plastics

Parking indicator light ◀



Parking indicators are installed above each parking line, and are directly controlled by ultrasonic parking detectors and video detectors. According to the empty status of the parking space, the control indicators show different colors.

Product parameter

Product model	WBP-LED01
Operating voltage	DC 5V
Power consumption	≤0.5W
Operating temperature	-20℃ ~ 65℃
Specification and size	Φ120×45mm
Net weight	100g

Wireless parking indicator ◀



The wireless parking indicator light is installed in front of each group of garages, collects the status information of all parking Spaces in this group of garages, determines whether all parking Spaces in the garage are available, and controls whether the indicator light displays green or red. Then all the parking status information of the garage is uploaded to the corresponding wireless area controller.

Product parameter

Product model	WBP-Z02W
Working power supply	DC 10 ~ 28V (rated 24V)
Operating temperature	-20℃ ~ 65℃
Power consumption	<1W
Net weight	260g
Overall dimension	229×103×44mm

PRODUCT INTRODUCTION

Controller section

► Outdoor controller

Outdoor parking guidance controller is an important part of parking guidance products. It processes the collected data and pushes the real-time data to the guidance display.



Product parameter

Name	Model number	Communication mode	Overview	Application system
Outdoor wired area controller	WBP-K03ZW	1channel RF470MHz1 channel CAN1 channel Rs485	Outdoor wired area controller is a data acquisition unit of geomagnetic parking detector. By means of wireless communication, the status information of all the geomagnetic parking detectors in the area is collected in real time. At the same time, all parking space status information is packaged and uploaded to the central controller.	Outdoor parking guidance
Outdoor wired node controller	WBP-K03N	Road 2 CAN@20Kbps	Outdoor wired node controller can effectively solve the problem of insufficient capacity of outdoor wired controller equipment in large-scale networking, or the complex structure of the parking lot, and can effectively ensure the stability of system communication.	Outdoor parking guidance
Outdoor wired centralized controller	WBP-K03M	Ethernet /CAN	The outdoor wired centralized controller is the core of the whole system. It is the acquisition and control center of the whole intelligent parking guidance system that realizes the vehicle guidance function by updating the real-time data of the parking guidance screen.	Outdoor parking guidance

Indoor controller ◀



The indoor controller is applied to the parking space guidance of the indoor parking lot, and is the core component of the parking space guidance system. It is responsible for the collection, transmission and processing of parking space data of the parking lot, and publishes and stores the processing results.

Product parameter

Name	Model number	Communication mode	Overview	Application system
Indoor zone controller	WBP-K02Z	1 way CAN Two-channel Rs485	The zone controller is used to read the status data of the connected detector, encode the relevant information and upload it to the central controller. At the same time, it receives the available parking information data from the central controller and sends it to the guidance display screen for display.	Indoor ultrasonic parking guidance
Indoor wireless area controller	WBP-K04ZW	1 way CAN One-channel Rs485 1 channel RF470MHz	The wireless zone controller manages its subordinate wireless devices (wireless parking indicator light, wireless parking detector) to upload the parking status information to the centralized controller through the CAN bus. Meanwhile, the wireless zone controller is compatible with the wired equipment of the system, which is completely satisfied with the use of the parking lot mixed with mechanical parking and ordinary parking.	Stereo garage parking guide
Indoor node controller	WBP-K02N	2-way CAN@ 20Kbps	The node controller summarizes the information of all parking Spaces in the area, codes the data and uploads it to the centralized controller. At the same time, the node controller receives the available parking information data from the centralized controller, and then transmits it to the regional controller. Node controller is used in large-scale networking when the zone controller is insufficient to accommodate all available parking Spaces.	Indoor ultrasonic parking guidance
Indoor centralized controller	WBP-K02M	1<s:1> CAN@20Kbps 1<s:1> 10/ 100base	As the core of the whole system, the centralized controller summarizes and processes the full and empty status data of the whole parking lot, and pushes the processing results to the guiding display in real time to realize the guiding function of the vehicle.	Indoor ultrasonic parking guidance
Indoor video area controller	WBP-K03ZV	TCP/IP	The video area controller is a video image processing platform, which collects the image information uploaded by all the video detectors at the lower level, identifies the parking status and license plate number, transmits the parking status information and image information to the central server through the network witch, and the central server processes the data and stores it in the database of the server for unified management.	Video parking guide

PRODUCT INTRODUCTION

Guided screen section

► Indoor guided split screen



The indoor guided screen is composed of high brightness LED module, drive unit, bracket and other parts. Installed inside the parking lot at important turnovers. Receive the output information of the centralized controller, display the number of empty cars in the area in the form of numbers, arrows, etc., guide the owner to quickly find the empty parking space, ensure the smooth flow of the parking lot and make full use of the parking space.

Product parameter

Model number	WBP-IA31-1
	WBP-IA31-2
	WBP-IA31-3
Power consumption	< 10W (Single layer)
Operating voltage	AC 220V
Operating temperature	-20℃ ~ 65℃
Communication mode	RS485、TCP/IP、bluetooth

Outdoor guided split screen



Outdoor guided screen is composed of high brightness P10 module, drive unit, bracket and other parts. Installed inside the parking lot at important turnovers. Receive the output information of the wireless centralized controller, display the number of empty cars in the area in the form of numbers, arrows, etc., guide the owner to quickly find the empty parking space, ensure the smooth flow of the parking lot and make full use of the parking space.

Product parameter

Model number	WBP-OA31-1
	WBP-OA31-2
	WBP-OA31-3
Operating temperature	-40℃ ~ 85℃
Operating voltage	AC 110-240V
Power consumption	≤50W (unidirectional)
Ambient humidity	≤90%RH (non-condensation)
Communication mode	RS485
Communication distance	≤300m
Light source	red
Protection class	IP65

► Parking lot guidance screen



The large outdoor guidance screen is composed of high-brightness LED modules, driving circuits, supports and other parts. It is installed at each entrance of the parking lot to display the information of remaining parking Spaces in the parking lot. Receive the parking statistics information of the centralized controller, display the number of empty parking Spaces in the current parking lot in real time in the form of numbers and words, prompt the admission of vehicle drivers, 24 hours a day.

Product parameter

Model number	Outdoor Boot Large Screen 1 Layer (Standard) WBP-VA3N-1
	Outdoor Boot Large Screen 2 Layers (Standard) WBP-VA3N-2
	Outdoor Boot Large Screen 3 Layers (Standard) WBP-VA3N-3
Operating voltage	AC 220V
Operating temperature	-20°C ~ 65°C
Power consumption	≤15W (Single layer)
Protection class	IP65
Overall dimension	800×160×2200mm

PRODUCT INTRODUCTION

Reverse search section

Horizontal query terminal ◀



Query terminal is a graphical query device of reverse car search system, mainly distributed in the elevator and personnel entrance.

Product parameter

Model number	WBP-LS32
Operating voltage	AC 220V
Display size	21.5-55 Optional
Operating temperature	-15°C ~ 55°C
Power consumption	60W
Display system	The 32 "LCD monitor supports other sizes
Input device	Touch screen (multi-touch)

► Vertical query terminal



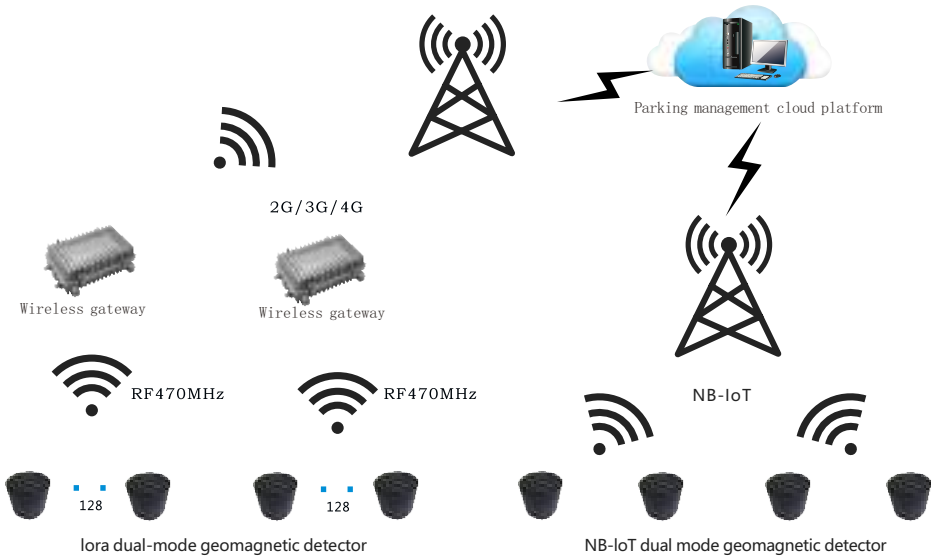
Query terminal is a graphical query device of reverse car search system, mainly distributed in the elevator and personnel entrance.

Product parameter

Model number	WBP-LS32-L
Operating voltage	AC 220V
Display size	32-55 "customizable
Operating temperature	-15℃ ~ 55℃
Power consumption	60W
Display system	The 32 "LCD monitor supports other sizes
Input device	Touch screen (multi-touch)

PARKING INFORMATION COLLECTION SYSTEM

Geomagnetic parking information acquisition system



A geomagnetic parking space information acquisition system is adopted for occupying parking Spaces. A geomagnetic parking detector is installed in each occupying parking space to collect the usage of the parking space in real time. The parking information is uploaded to the data processing center through wireless technology, and the center processes the parking data with the parking fee collection system to achieve accurate billing. In conjunction with the city guidance system, the system releases the parking information to the website, mobile phone, city guidance screen, etc., to achieve accurate city-level guidance. The system can provide the original data of urban parking, which is convenient for the government to carry out reasonable planning and management of urban traffic.

System advantage

Advanced wireless transmission technology	Adopt our company has the invention patent wireless transmission technology
Excellent detection algorithm	Unique dynamic algorithm mechanism, with geomagnetic algorithm invention patent
Two-way communication	Geomagnetic detectors can be configured remotely
Automatic demagnetization	Solve the magnetic saturation after automatic degaussing
Low power design	Excellent low power design, realize battery power supply, stable use for 5 years
Industrial grade design	Ip68 protection grade, 20 tons of pressure resistance, working temperature -40℃~85℃

► Geomagnetic (Block parking)- Geomagnetic detector

As one of the core equipment of roadside parking system, geomagnetic parking detector is based on geomagnetic sensing technology and adopts advanced algorithm and anti-interference design. With super pressure resistance and up to IP68 protection level, effectively cope with outdoor environment, all kinds of weather conditions can be used normally.



Product parameter

Model number	WBP-T10M
	WBP-T10M-NB
Operating voltage	3.1~3.6V (built-in battery)
Specification and size	Φ100*110mm
Battery capacity	38000mAh
Current	Hibernation current :<10uA/ Maximum current :<4mA
Compression resistance	20t
Operating temperature	-40℃~ 85℃
Protection class	IP68

► Wireless gateway (Block parking)

The wireless gateway adopts the international advanced 32-bit ARM processor, equipped with the latest data processing mechanism and intelligent processing algorithm, which effectively guarantees the stability, safety and reliability of data transmission, and integrates various communication modes to meet the needs of different scenarios. The wireless gateway receives the parking data from the geomagnetic detector/wireless repeater, summarizes all the parking information, and sends the relevant data to the parking fee cloud platform by means of 2G/3G/4G.



Product parameter

Model number	WBP-K02G
Power supply mode	AC220V
Power consumption	≤2.5W
Operating temperature	-20℃ ~ 65℃
Protection class	IP66
Capacity of subordinate equipment	60 PCS (depending on site distance)
Overall dimension	254*145*85mm

Handheld toll terminal ◀



The handheld toll terminal adopts the integrated product design, the toll collection and printing are combined; Is a support call, credit card, intelligent identification, scanning payment, quick printing and other functions in one intelligent device; The handheld toll terminal equipment uses the front-end intelligent core processor, running fast; Equipped with Android intelligent POS system, easy to operate; Hd full touch screen design, the use of HD carefree, at the same time, the device supports 4G full network, clear call. The equipment also has outstanding ultra-high configuration, financial level security data protection and intelligent identification functions to meet the needs of different industries.

Product parameter

Model number	WBP-SC01
Battery capacity	3.7V , 6000mAh
Dimension	201x84x56.5mm
Weight	350g(single machine) Single machine + battery + paper roll :490g
Operating system	Android 5.1
Processor type	Qualcom MSM8916 Quad Core 1.20GHz
Body memory	8GB ROM
Running memory	1GB RAM
Maximum storage expansion	64GB
Display screen	5.5 inches, 1280x720 resolution
Key	Capacitive screen five-point touch
Pixel	5 megapixel
Method of payment	Magnetic stripe card /IC card/contactless card/sonic payment

ENGINEERING
CASE

Engineering case



Guizhou Province **Parking lot of Zunyi First People's Hospital**

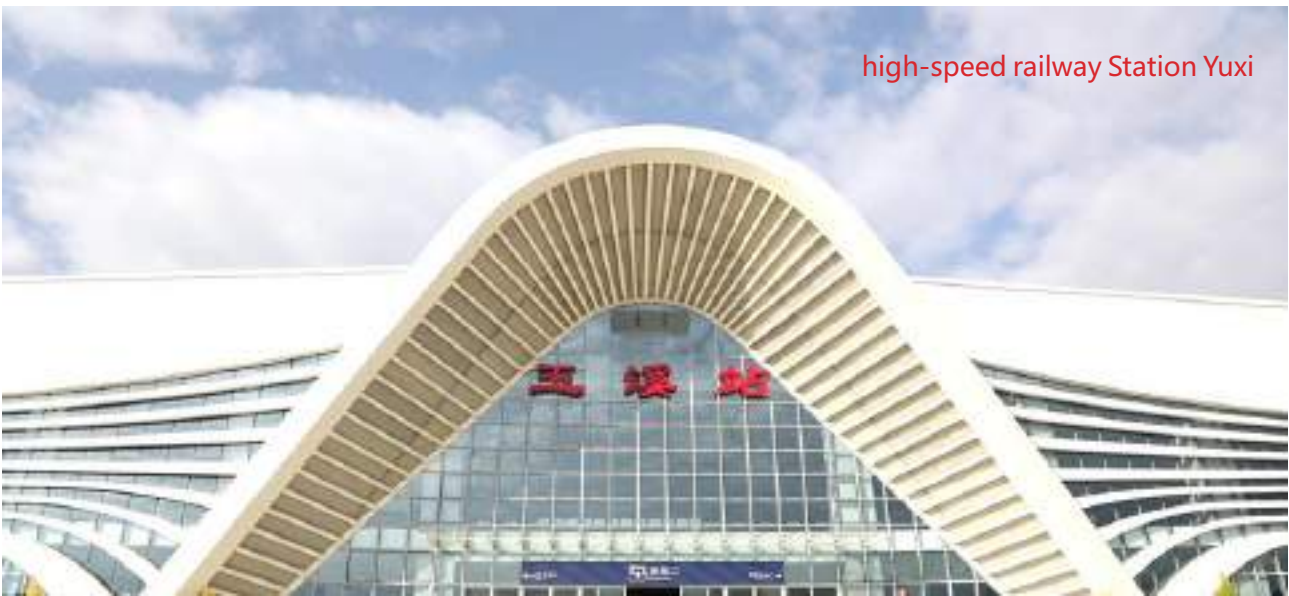
Hebei Province **province Chinese medicine hospital Hebei**

Henan Province **city people's Square Jingxin shopping Plaza Linzhou**

Henan Province **The people's hospital of shangqiu**

Hunan Province **city maternal and child health care Yiyang**

Hunan Province **Gymnasium Nanhu**



high-speed railway Station Yuxi

Yunnan Province **high-speed railway Station Yuxi**

Sichuan Province **Grand Theater Pangang**

Jiangsu Province **South Railway Station Nanjing**

Jiangsu Province **People's Hospital Suqian**

Zhejiang Province **north medical school (huzhou central hospital) Huzhou**

Tibet Autonomous Region **Nyingchi high-speed railway station**

Beijing **State Intellectual Property Office, Beijing**

Shandong Province **Commission for discipline Inspection building**

Guangxi Province **and commercial parking lot in spring Qinzhou**

Shanxi Province **East Station front square Jincheng**

Hebei Province **People's procuratorate**

Beijing **Pan Pacific Hotel Beijing**

Guangdong Province **Jewelry craft city**

Shaanxi Province **Square Xingzhengyuan**

Beijing **Peking University First Hospital**

Hangzhou City **District First People's Hospital Yuhang**



Nanjing City **Dongfanghongjun Commercial Plaza Phase 3**

Hunan Province **Hunan xiangtan center**

Hunan Province **Hengxian World Trade Center in Changsha**

Guangxi zhuang autonomous region **Nanning datang international center**

Sichuan Province **Chengdu Guo County Kaide Lejie Square**

Ningxia yinchuan **CC PARK, Xinhua Department Store**

Hubei Province **Kehui Park, Xiangyang City**

Liaoning Province **New Mart Place**

Shanghai City **Shanghai Huacao R&D Center Phase III**