WEMAER® 威玛尔

Company Profile and Product Introduction

Guangzhou Wemaer Electronic Technology Co., Ltd

2023.2.27

WEMAER® 威玛尔

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Team



Honour



Cooperation



insist on





1.1 Company Profile

Guangzhou Wemaer Electronic Technology Co., Ltd was established in February 2010. Since its establishment, the company has been committed to the fields of automotive safety electronics and intelligent driving. It is a national high-tech enterprise integrating research and development, production, sales, and service.

In the past 10 years, the company has provided OEM/ODM services to customers in domestic and overseas markets, with products exported to more than 30 countries and regions, providing safe and reliable vehicle safety products for tens of millions of car owners.

In 2019, according to development needs, the company established the "WEMAER " brand and fully entered the automotive aftermarket. At the same time, we will also actively expand and serve domestic front end or industry customers.



In the future, we will continue to adhere to the principle of "technology, development, integrity, and win-win", establish efficient, long-term, and stable cooperative relationships with new and old customers, and win-win the new era of automotive safety!

1.1 Company Profile

360 Car Camera Industry Top Enterprise

One of the earliest enterprises engaged in 360 car camera, focusing on professional research and development, production, sales, and service for 15 years. It is a powerful brand manufacturer.

The research and development strength is leading in the industry, and it is a pioneer in the research and development of 360 car panoramic imaging technology. It promotes comprehensive technological innovation of 360 car panoramic imaging. A 30-person research and development team is lead by Dr. Hu, who is from University of Science and Technology of China, and with more than 15 years of experience of car camera image technology.

One of the largest enterprises in the 360 panoramic aftermarket, with a professional production base of 5000 ㎡ and a production team of 150 people.

our company with the largest shipment volume in the 360 panorama system aftermarket has sold its cameras and 360 panoramas systems to more than 60 countries and regions worldwide over the past decade, with a cumulative shipment volume of over 50 million cameras and over 2 million 360 panoramas systems.

1.2 development history

2010
The company was established in Baiyun District, Guangzhou City

2011
In March, the company established Guangzhou R&D Center. In August, the company was rated as a certified supplier of "Made in China".

2012
The company obtained the utility model patent certificate of "three in one radar and camera for vehicle rear view system" issued by the China National Intellectual Property Administration

2013
The company expanded its production scale, established a 360 seamless panoramic workshop and built relevant supporting laboratories

2014
The company obtained the software copyright of "Vehicle Panorama System Software V1.0"

2015
The company has passed and obtained ISO9001 and CCC certifications

2016
The company began to introduce the IATF16949 quality management system, and strictly followed the standards of the IATF16949 quality management system for the production process of related products.

2017
The company has established Huizhou R&D Center and Shenzhen R&D Center, and has obtained multiple patents for invention, appearance, software works, utility models, etc;

2018
In May, the company passed and obtained IATF16949 quality management system certification and CQC product quality certification. In October, the company was recognized as a "high-tech enterprise".

2019
The company has fully entered the aftermarket, Establish the "WEMAER 威玛尔" brand. At the same time, the company will also actively provide professional customized products and services to 4S groups, front decoration boutiques, and industry users.

2020
Expand the production scale again and build a precision camera dust-free workshop.

2021
Passed the review of "high-tech enterprise". The domestic market has grown steadily, and the volume of foreign trade exports has reached a record high.

2022
Our company has been rated as an innovative enterprise in Guangdong Province, a "professional, refined, distinctive, and innovative" enterprise

1.3Company strength

Industry leading Research and development advantages

As the source manufacturer of panoramic industry, our research and development, production and detection capability is industry-leading, and our supporting system is complete and competitive.

Advanced equipment Manufacturing strength

Camera shipping > 200,000 pcs/month

Authoritative Enterprise qualification

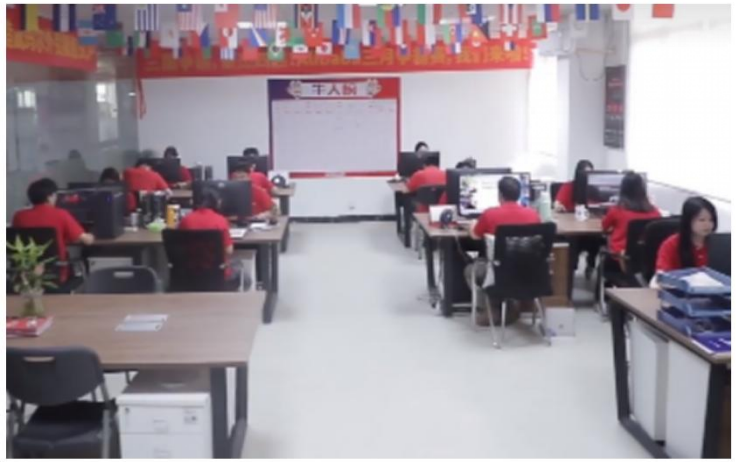
F1.5 large aperture lens, industry first, exclusive advantage,
New upgrades to craftsmanship, performance, image quality, and night vision effects.

Source manufacturer one-stop supply

Industry leading R&D advantages

The company attaches great importance to technology research and development and talent cultivation, and has an experienced and innovative technology research and development team. Through continuous independent research and development, the company has obtained dozens of related patents such as "invention", "software works", "utility model", and "appearance".



R&D team 80% Bachelor degree or above

Industry leading R&D advantages

Innovation is the source of power for enterprise development. We are tireless practitioners of technological innovation. Patents for software works, utility models, and appearances continue to increase.....

Partial design patents and software copyright certificates















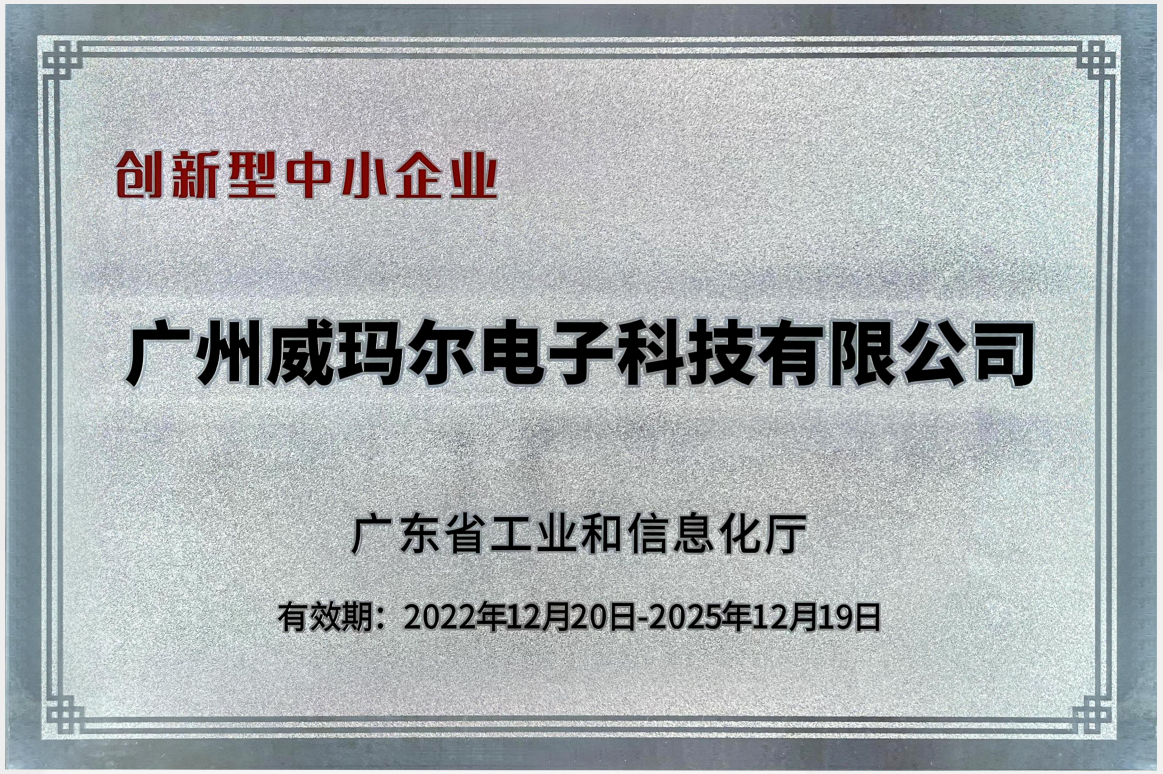
Industry leading R&D advantages

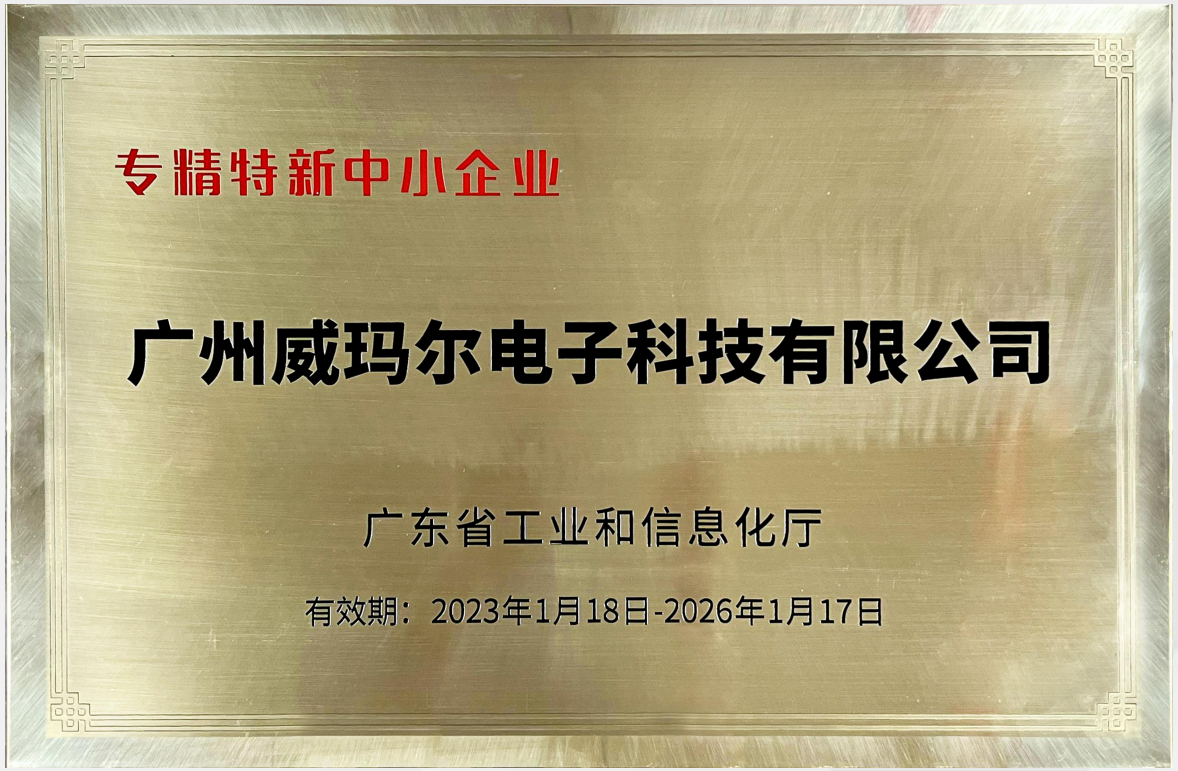
Patent Certificates for Some Utility Models



Industry leading R&D advantages

Honor for Innovative Small And Medium-sized Enterprises





Advanced equipment and manufacturing strength

The company has strong production and manufacturing capabilities, and has introduced multiple advanced automated production lines, standardized workshops, relevant environmental laboratories, and various production and testing equipment to ensure product quality.

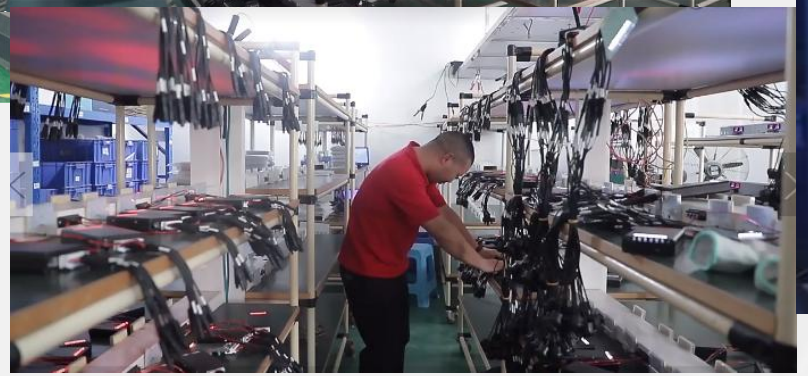














Strict and systematic quality control



- Camera glue filling station, fully glue all cameras, waterproof grade Can reach IP67



- Clean workshop with integrated navigation screen



- In the camera aging area, conduct a power-on aging test on the camera for more than 8 hours;



- 360 panorama system aging area, conducting a power-on aging test for 360 panorama system for more than 8 hours;

Strict and systematic quality control





- The aging area of the integrated navigation machine, aging the integrated navigation/panoramic host and camera for more than 8 hours;



- Camera navigation integrated machine test area, navigation/panoramic integrated host, conducts a full inspection of complete set of cameras;



- 360 panorama testing area for full inspection of the entire 360 panorama;

Advanced production and test equipment



Camera active alignment device (AA camera);



High and low temperature damp heat test chamber;



360 vibration test bench;

Authoritative certified enterprise qualification

In the past 10 years, the company has established a complete set of advanced management systems, including pre sales support, after-sales service, and technical support, relying on ISO9001 and IATF16949 international quality management standards. The company's products have successively passed international authoritative quality certifications such as CQC, CE, FCC, and ROHS, and the company has also been recognized as a "high-tech enterprise".



high and new tech enterprises





IATF16949

Focus on 360 Car Camera

Authoritative certified enterprise qualification

Product certification



产品认证证书

证书编号：CQC18001193488

申请人名称及地址

广州威玛尔电子科技有限公司

广州市白云区陈太路 88 号永兴国际汽配产业园 A 区 03 栋三楼 301 室

制造商名称及地址

广州威玛尔电子科技有限公司

广州市白云区陈太路 88 号永兴国际汽配产业园 A 区 03 栋三楼 301 室

生产企业名称及地址

广州威玛尔电子科技有限公司(V029637)

广州市白云区陈太路 88 号永兴国际汽配产业园 A 区 03 栋四至五层

产品名称和系列、规格、型号

360 全景智能可视系统

WMR-888-410

WMR-888-403/WMR-898-403/WMR-888-406/WMR-898-401/WMR-898-402/WMR-999-401 WMR-999-402/WMR-999-405/WMR-999-406/WMR-1000-401/WMR-1000-402： DC 12.0V ， 1A

（车载供电）

产品标准和技术要求

GB/T22630-2008

认证模式

产品型式试验+初次工厂检查+获证后监督

上述产品符合 CQC15-473001-2013 认证规则的要求，特发此证。

发证日期：2018 年 05 月 24 日

本证书的有效性依据发证机构的定期监督获得保持。

主任：

中国质量认证中心

中国．北京．南四环西路 188 号 9 区 100070

http://www.cqc.com.cn

C 0114555

CQC Certification



CERTIFICATE

Anbotek Product Safety

CERTIFICATE

Of Conformity

EC Council Directive 2004/108/EC

Electromagnetic Compatibility

Registration No.: AT1107604E

Report No.: 201107664E

Applicant : Guang Zhou Wemaer Electronics Co., Ltd.

Unit 103-2, The South Yongfu Internation Plaza No.35 Yongfu Road, Guangzhou

Product : CAMERA SYSTEM

Identification : Model No. : MT9V136, PC1030, BF3003, OV7950, PC1089, SHARP CCD, SONY CCD

Trade Mark : WEMAER 威玛尔

Rating : 12-24V⎓, 60-200mA

Test Standards : EN 61000-6-3: 2007 EN 61000-6-1: 2007

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex III of Council Directive 2004/108/EC, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EC declaration of conformity to Article 10.1 of the Directive.

Certified by

Jul. 13, 2011 Date

Daniel Zhu Chief Executives

CE The CE Marking may only be used if all relevant an effective EC Directives are complied with CE

Anbotek Compliance Laboratory Limited

1/F, 1 /Building, SEC Industrial Park, No.4 Qianhai Road, Nanshan District, Shenzhen, 518054, China Tel: (86)755-26014771 Fax: (86)755-26014772

Http://www.anbotek.com Email: service@anbotek.com

EU CE certification



LNI United testing

FCC VERIFICATION of CONFORMITY

Certificate Number: UNI2014081502FC-1

We herewith confirm the following designated product:

In-vehicle Camera

Trade Name: 威玛尔 WEMAER

MODEL NO.: WMR-CAR CAMERA

(Product Identification)

has been tested and found in compliance with the requirements of 47 CFR PART 15 regulation & ANSI C63.4 for the evaluation of Class B of electromagnetic compatibility. It is only valid in connection with the test report number: UNI2014081502FR-1.

This device complies with Part 15 of the FCC rules, operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

(Identification of regulations/standards)

This declaration is the responsibility of the manufacturer/importer

Guangzhou Wemaer Electronics Technology Co.,Ltd 3rd Floor, The self-made 9, Auto street, "Before the shiminglinzai", Production of 8 clubs, Yongxing Village, Taihe Town, Baiyun District, Guangzhou City.

(Name /Address)

MANUFACTURER / IMPORTER

TEST LABORATORY

This is the results of test that was carried out by UNI from the submitted type samples of the product is in conformity with the specification of the respective standards.

The certificate holder has the right to fix the FCC-mark on the product complying with the required rules.

Name

Date

2014-08-15 Date of issue

United testing technology (Hong Kong) Limited

Unit 04,7/F, Bright Way Tower,No.33 Mong Kok Road, Kowloon, HK.

4 F, Unit 2, Jianxing Building, Chaguang Industry Area, West Shahe Road, Nanshan District, Shenzhen, PRC.

Tel:+86-755-86180996 Fax:+86-755-86180156

http://www.uni-lab.hk E-mail:hoffer.lau@uni-lab.hk

FCC Certification



LNI United testing

Certificate Of Compliance

Certificate Number: UNI2014081502RC-1

Applicant : Guangzhou Wemaer Electronics Technology Co.,Ltd 3rd Floor, The self-made 9, Auto street, "Before the shiminglinzai", Production of 8 clubs, Yongxing Village, Taihe Town, Baiyun District, Guangzhou City.

Manufacturer : Guangzhou Wemaer Electronics Technology Co.,Ltd 3rd Floor, The self-made 9, Auto street, "Before the shiminglinzai", Production of 8 clubs, Yongxing Village, Taihe Town, Baiyun District, Guangzhou City.

Product : In-vehicle Camera

Trade Name : 威玛尔 WEMAER

M/N : WMR-CAR CAMERA

Test Standard: IEC62321:2013

The EUT described above has been consolidated by us and found in compliance with the council RoHS Directive 2011/65/EU. It is only valid in connection with the test report number: UNI2014081502RR-1.

RoHS

2014-08-15 Date of issue

United testing technology (Hong Kong) Limited

Unit 04,7/F, Bright Way Tower,No.33 Mong Kok Road, Kowloon, HK.

4 F, Unit 2, Jianxing Building, Chaguang Industry Area, West Shahe Road, Nanshan District, Shenzhen, PRC.

Tel:+86-755-86180996 Fax:+86-755-86180156

http://www.uni-lab.hk E-mail:hoffer.lau@uni-lab.hk

RoHS certification

Authoritative certified enterprise qualification

Corporate and brand honors



Top ten marketing brands in the automotive aftermarket



4S store Excellent supplier



360 ° panoramic outstanding brand



Tax Credit Class A Honorary Certificate



Excellent brand of automotive electronics



360 ° panoramic outstanding brand



Excellent and trustworthy brand enterprise



Top Ten Automotive Electronics Brands

1.4 Corporate Culture



Product Overview

The company's "WEMAER" brand, based on market demand, devotes itself to launching four categories of series products with complete product lines, providing multiple product options for terminal distributors, service operators, 4S groups, and other customers, thereby meeting the intelligent and safe driving needs of different car owners.

WEMAER® 威玛尔

Focus on high-end 360° panoramic driving assistance system



Universal 360 Car Camera



360 Car Camera with Android Car Screen



360 Car Camera built-in CAN-bus



360 Car Camera built-in Decoder

2.1 360 2D Panorama Car Camera （HS）





Functions and Features

- Precise Algorithm, Seamless Splicing
- The industry's pioneered F1.5 large aperture ultra-clear circle camera is standard configuration, the amount of light entering is greatly improved
- 230 ° Ultra Large Wide Angle & Ultra Clear Night Vision Camera
- Four-way driving record, real-time high-definition video recording
- Precise reversing parking line
- Intelligent dynamic trajectory (optional)
- Eight car models to choose
- Huawei chip, extremely fast processing without lagging
- Matte HD night vision
- Built-in high and low voltage protection to ensure that the vehicle does not lose power

Exclusive Advantage

- super cost-effective
- blind spot visible
- Car Parking is safer
- PE armored sheath type main control line connector
- 360 voice recognition, car charger, remote control are optional

2.1 360 2D Panorama Car Camera （FH)



安 坐 车 内 • 尽 观 四 方

Blind area visible, safer parking

1.Real 1080P Camera 2.Support HDMI Output 3.CAN Optional



Functions and Features

- Precise Algorithm, Seamless Splicing
- The industry's pioneered F1.5 large aperture ultra-clear circle camera is standard configuration, the amount of light entering is greatly improved
- Support 1080P camera(optional)
- 230 ° Ultra Large Wide Angle & Ultra Clear Night Vision Camera
- Four-way driving record
- Precise reversing parking line
- Intelligent dynamic trajectory (optional)
- Seven car models to choose
- Fast processing without jamming
- Matte HD night vision
- Built-in high and low voltage protection to ensure that the vehicle does not lose power

Exclusive Advantage

- super cost-effective
- blind spot visible
- Car Parking is safer
- PE armored sheath type main control line connector

2.1 Universal 360 Car Camera-Super 3D T5 Version



Multi-purpose Head Unit + Digital HDMI Leads the New Trend of 360° Panorama



Functions and Features

- Built-in precise dynamic trajectory and parking line for safer parking
- **T5 chip**, 1.8GHz dominant frequency, super powerful CPU, running smoothly without lagging
- Width limiting mode and super cliff mode; View Without Deformations
- Support multiple video output formats such as **HDMI,AHD,CVBS,VGA**, etc
- Adopt a 7-glass F1.5 aperture ultra clear night vision camera, **1080P (1920 * 1080) camera(optional)**
- 230 ° Ultra Large Wide Angle & Ultra Clear Night Vision Camera
- 4-way 1080P HD video recording
- No blind spot splicing, one-key calibration.
- Built-in high and low voltage protection to ensure that the vehicle does not lose power
- Support multiple view modes, 2D or 3D views can be switched freely
- Turn on 360° 3-dimensional rotation for 2 circles to eliminate blind spots
- Built-in multiple car models, 1:1 display with the original car, making the experience more realistic and detailed
- Support license plate settings

Exclusive Advantage

- Panoramic bird view, left, right, free choice
- Support automatic splicing of multiple splicing cloths
- PE armored sheath type main control line connector
- 360 voice recognition car charger remote control is optional

2.1 Universal 360 Car Camera——New 3D Plus Version



Functions and Features

- Built-in precise dynamic trajectory and parking line for safer parking
- T7 six-core CPU+GPU, with a main frequency of 1.2GHz, super powerful CPU, running smoothly without lagging
- Multiple sets of 3-in-1 combined views,displaying multiple related blind spots on the same screen
- Support multiple video output formats such as AHD,CVBS,VGA, etc
- Standard F1.5 aperture ultra clear night vision camera
- 230 ° Ultra Large Wide Angle Ultra Clear Night Vision Camera
- Four-way high-definition video
- No blind spot splicing, one click calibration, no need for tape measurement, only 3 minutes from cloth laying to completion of splicing
- Built-in high and low voltage protection to ensure that the vehicle does not lose power
- Support multiple view modes, 2D or 3D views can be switched freely
- 360° 3-dimensional rotation is optional for 1-3 circles when starting up, eliminating blind spots
- More than 100 original car 1:1 car models, support license plate settings, more realistic and delicate experience

Exclusive Advantage

- New UI, new algorithm, new system
- Front and rear ultra wide angle video streaming images
- The view layout can be selected in two scales: 24:9 and 16:9. The location of the bird view can be set to be left or right
- The system is compatible with the original vehicle radar (decoder required), and the radar warning position range can be displayed in the view
- Support simultaneous display of CVBS and other formats
- 360 voice recognition car charger remote control is optional

2.2 Car Android Player With 360 Panorama Camera（T5 Version）



Functions and Features

- T5 car-grade main chip, 10.1 Android system
- Free choice of 2D/3D panoramic system
- Power-up 3D stereoscopic view (the car body dazzles like chameleon)
- F1.5 large aperture matte HD night vision
- 18 kinds of view can be selected and adjusted
- Support 360 panoramic split-screen display, picture-in-picture
- Built-in 3 car models(sedan/SUV/business vehicle), providing car model mall
- Built-in 9 body color options, and can customize the body color
- Support screen global touch control
- Support smart voice voice control, free your hands
- Support license plate settings
- Supports pre/post streaming media
- Front, rear and full screen radar perspective, radar early warning
- The car model support displays the information and status of the door and lights, and the wheels will rotate
- Support front, rear, left and right four-way high-definition video recording
- Parking monitoring, real-time monitoring of your car
- Support collision wake-up recording, capture license plate
- Support DSP sound effects and enjoy theater level sound effects
- Support for Gaode AR navigation (optional)
- 720P/1080P,1+32G/2+32G/4+64G

Exclusive Advantage

a car android player integrates multiple functions such as 360 ° panoramic view, AR navigation (optional), driving record, video entertainment, etc

2.2 Car Android Player With 360 Panorama Camera（GT Version）



Functions and Features

- Qualcomm Snapdragon 8-core processor
- 2K matte wide motion camera (optional)
- High configuration version AR real scene navigation
- Full new android operating system
- 48 segment real EQ adjustment
- ST TDA7851 Power amplifier chip
- Support most audio/video formats
- 20 preset sound effects
- Support professional sound change
- Intelligent voice control + screen touch
- Genuine DTS 5.1 HIFI level digital sound effect
- 4G All Net Connect+WIFI Internet Access
- Support mobile phone remote monitoring
- 4-way HD driving record
- RAM 4G+ROM 64G
- IPS HD Screen
- ADAS driving assistance
- Built-in gyroscope
- Professional radio
- Support CarPlay、HiCar
- 1080P HD 3D panorama
- Multiple mirror link methods

2.3 All in one 3D 360 Car Camera built-in CAN-bus



Functions and Features

- Multipurpose machine（Support single CAN/dual CAN/AHD/VGA/CVBS）
- Fast start in 3 seconds
- Power-up the 3D stereoscopic view to eliminate blind spots
- 2D/3D view panorama view free switching
- More than 20 kinds of views are optional to meet the needs of various perspectives
- Built-in 100+ car model agreements (continuously increasing)
- Built-in 60+ car models (continuously increasing)
- Built-in dynamic track, multiple track styles are optional
- Built-in memory, with USB expansion and system upgrade
- The industry's pioneered F1.5 large light ultra-clear circle camera is standard configuration,、230 ° Ultra Large Wide Angle Ultra Clear Night Vision Camera
- 4-way 1080P HD video recording, driving record
- 360 voice recognition car charger remote control is optional
- non-destructive installation

Exclusive Advantage

- Super cost-effective
- One host is compatible with multiple output formats and protocols, and can be used for panoramic modification of all-round weapons

2.3 All in one 3D 360 Car Camera built-in CAN-bus
Super 3D T5 Version



全新升级 • 数字高清



T5主芯 | F1.5大光圈 | 超广角镜头 | 超清画质 | 开机3D环绕 | 2D/3D切换 | 多视频信号输出 | 四路录像 | 停车监控 | 内置动态轨迹 | 车牌设置 | 视图畸变校正

Functions and Features

- Built-in precise dynamic trajectory and parking line for safer parking
- **T5 main core**, 1.8GHz dominant frequency, super powerful CPU, running smoothly without lagging
- Width limiting mode and super cliff mode; View Without Deformations
- Support multiple video output formats such as **HDMI,AHD,CVBS,VGA**, etc
- Adopt a 7-glass F1.5 aperture ultra clear night vision camera,
- 230 ° Ultra Large Wide Angle Ultra Clear Night Vision Camera
- 4-way 1080P HD video recording
- No blind spot splicing, one-key calibration.
- Built-in high and low voltage protection to ensure that the vehicle does not lose power
- Support multiple view modes, 2D or 3D views can be switched freely
- Power-up 360° 3-dimensional surround view, eliminate blind spots
- Built-in multiple car models, 1:1 display with the original car, making the experience more realistic and detailed
- Support license plate settings

Exclusive Advantage

- **Supports 1080P (1920 * 1080) cameras**
- Support HDMI digital HD output
- Support single CAN/dual CAN
- 360 voice recognition car charger remote control is optional

2.3 360 Car Camera built-in CAN-bus
All in one HD 3D R series



Functions and Features

- Main frequency 1.8GHz quad-core CPU+GPU
- Support **HDMI**/AHD/CVBS/VGA (optional)
- Power-up 3-dimensional surround view, eliminate blind spots
- 2D/3D view panorama view free switching
- Multiple view modes, covering common application scenarios
- Built-in protocol data of more than 100 types of original cars, supporting the dynamic trajectory follow-up of original cars
- Built-in dynamic trajectory, multiple trajectory styles are optional, such as Mercedes-Benz/BMW/Audi/Land Rover/Volvo/Accord
- Support setting car model type (sedan/SUV/MPV) and car model color
- Support dual control of mobile WeChat applet and button remote control
- Standard 1080P, F1.5 large aperture HD night vision camera
- 4-way HD video recording, driving record
- 360 voice recognition car charger remote control is optional
- Support mobile phone online upgrade software

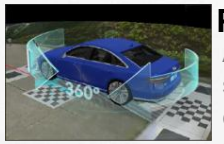
Exclusive Advantage

- A 3D HD 360° panorama android player that can be controlled through mobile phone applet
- Dual CAN is optional, can be used as a universal 360 car camera or as a 360 Car Camera built-in CAN-bus

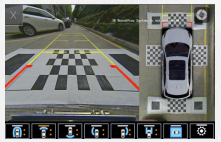
2.4 360 Car Camera built-in Decoder Function Introduction



Functions and Features



Power-up 3D Surround View
Automatic 3D surround view when starting up, to see the surrounding conditions of the car body clearly, making it safer to start.



2D/3D view switch freely
The 2D/3D panoramic view can be switched freely to meet the usage habits of different car owners.



Compatible with original car door/light information
The information about opening and closing the vehicle doors and lights is synchronously displayed on the panoramic screen.



Radar wake-up, radar anti-collision wall
Support radar to wake up the panorama, and the radar is displayed synchronously with the panorama in the form of an anti-collision wall.



Drag and drop
You can drag and drop at will by touch, and view blind spots from different angles.



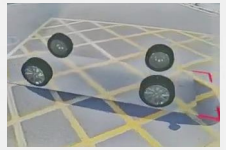
license plate settings
Support car models to set the license plate number, and the panoramic view is more realistic.



F1.5 Large Aperture Matte Night Vision
Standard F1.5 large aperture night vision camera with no light, high image quality imaging.



Support original vehicle dynamic trajectory
A variety of trajectory options,change with the steering wheel, making parking easier.



Vehicle body perspective to see clearly the underbody
The vehicle model can set the perspective view status with one click to clearly see the vehicle underbody and body shielding areas.



4-way HD video recording
Restore driving images from multiple perspectives, front, rear, left, and right, effectively preventing collisions.

2.4 360 Car Camera built-in Decoder——(2000T1/C1/N1/M1/M2 Series)





base plate + Chip decoding module = Head unit

Dual chip technology

FPGA and decoding dual chips, one chip processing signal transmission, one chip processing signal reception, **without interference and interruption** of the original vehicle signal, to monitor and fuse the high-speed LVDS signal to the original vehicle screen;

picture-in-picture technology

Use the FPGA software switch to switch the display through two chips, the picture-in-picture technology is realized. When switching 360 panoramic display, the second switching is achieved, **without black screen, blurred screen, or flashing screen;**

Five decoding modules

It can be matched with five different chip decoding modules to match the original car system chip type; different decoding modules can be installed corresponding to related brand models, with higher matching and better stability; (T1/M1/M2/C1/N1)

Built-in 16G storage

Adopt T5 main core, quad core CPU with main frequency of 1.8 GHz, 1G running DDR; Built-in **16G storage**,can realize **built-in video recording** or external USB flash disk recording;

Does not affect the original car system

Equipped with FPGA, decoding dual chips, and dual system hardware architecture, the 360 panorama operates independently without interfering or affecting the operation of the original vehicle system;

Various UI styles are optional

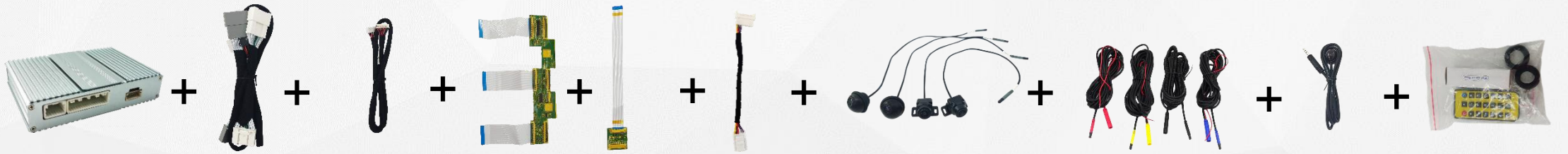
Built-in Lexus, Land Rover, Mercedes, Porsche, BMW, BMW MGU, Audi, Volkswagen, Toyota, Cadillac, Buick, Volvo, Great Wall, Wuling, Geely, and other brand original vehicle UI style is optional; There are also multiple universal UI options for horizontal and vertical screens.

2.4 360 Car Camera built-in Decoder——2000S Series

The 2000S series realizes signal transmission through the 360 host + TFT board adapter board, without affecting the original car screen display, and the 360 panorama can be switched smoothly with high definition.

Product Composition:

Universal cable line scheme



Head Unit + dedicated power line + Universal screen adapter cable + Special transfer board for special car + Universal screen adapter board + Adapter cable (optional, easy to adapt to other wire packages in the market) + Four way camera + camera extension cable + remote control receiver + Controller, drill bit, silicone cap cover

Little loss of clarity

Through the 360 host+TFT adapter board, the display of the original vehicle screen is not affected, and the 360 screen can be smoothly switched, without degradation in clarity, and better image quality effects.

The phenomenon of black screen and blurred screen is greatly reduced

Increase TFT to convert 360 interface signal, reduce interference, and greatly reduce black screen and blurred screen when switching 360.

Compatible with the touch function of the original car screen

Support most models of original car screen touch control 360 panorama, good compatibility.

Dial code to realize communication protocol

Universal dialing enables communication protocols that quickly display 360 panoramas.

2.4 360 Car Camera built-in Decoder——1000S Series



- Stable effect, high cost performance
- Enriched product range,more choices for stores
- Easy to stock and install
- Prices are differentiated to meet the multi-level needs of car owners
- Clear view and complete functions
- One 360 car camera can be equipped with more than 400 mainstream car models



3.1 Exclusive Advantage——F1.5 Large aperture camera

F1.5 Large Aperture HD Night Vision Camera





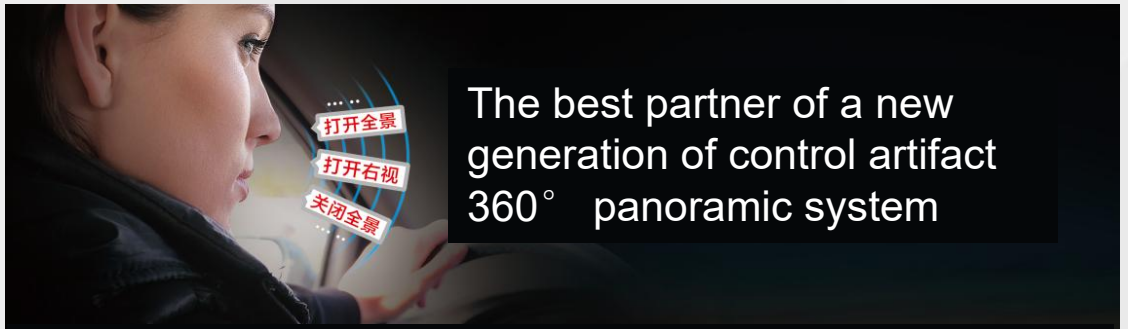
3.2 Exclusive Advantage——360 voice recognition car charger remote control

360 voice recognition car charger remote control



A new generation of multi-functional 360 voice recognition car charger remote control, with functions such as rotary control, voice control, mobile phone fast charging, etc., subverting the traditional remote control, 2D/3D split 360 "panoramic smart control solution

Adapted products：
1、Universal 2D 360 car camera
2、Super 3D T5 360° car camera
3、All in one 3D 360 Car Camera built-in CAN-bus



multiple functions, 360° panorama control intelligent solution

Sensitive voice control
Realize the sound control function of 2D/3D split 360 ° panoramic product, and voice voice control calls out various 360 ° full display view modes, liberating both hands.

A variety of colors are free to choose
There are a variety of colors and styles to choose, and the colors are novel and beautiful to meet the needs of individual matching

Car powered, battery free
Take power directly from the central control car charger slot, no need to install additional batteries, don't worry about the remote control being out of power and unable to use



Knob remote control, wireless matching
Change the traditional hand-held button remote control method and adopt new technology for wireless rotary remote control. 360 panoramic view call out and system settings can be controlled by knob, making operation convenient

Multiple functions, smart fast charging
In addition to voice control and remote control for 360 panoramic views, it supports multi-protocol wired fast charging for mobile phones and other electronic products, which is convenient and practical. (Fast charge supports BC12, APPLE, Samsung protocol,Qualcomm QC2.0 and QC3.0,MTK PE+1.1 and MTK PE+2.0,Huawei fast charge protocol FCP, SCP, Samsung fast charge protocol AFC, supports Spreadtrum Fast charging protocol SFCP, OPPO fast charging protocol VOOC, TYPE-C port also supports PD protocol output)

Multiple functions,Safety hammer, convenient and practical
It can be used as a safety hammer to be prepared and play a big role at critical moments. smart fast charging

3.3 Exclusive Advantage——Cable upgrade

Cable fully upgraded

Upgrade 1: PE armored sheath type main control line connector

Main control line connector status 1

Corresponding upgrade products: Platinum version 360° panorama, 360° panorama Car Camera built-in Decoder, dual CAN 360° panorama



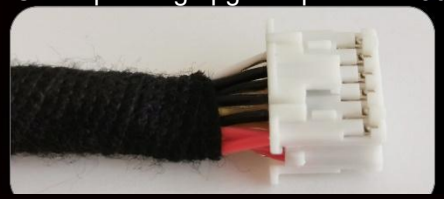
Before the upgrade, the appearance is poor, and it is not easy to plug and unplug.



After upgrading, the appearance is more textured and beautiful, and it is easy to plug and unplug

Main control line connector status 2

Corresponding upgrade products: 360° panorama camera with dvd player



Before the upgrade, the appearance is poor, and it is not easy to plug and unplug.



After upgrading, the appearance is more textured and beautiful, and it is easy to plug and unplug



NOW:
COOPERATE TO
CREATE MIRACLES!

Thank You

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