



iMirror

Global Media Industry Group Co., Ltd



———— Company Profile ————

2023-4-17





- Germid & IMIRROR Group Profile
- Why put the display module in the rearview mirror
- What is a safe rearview mirror?
- Special features of Germid's products
- Product catalogues
- Germid Strength



Founded :  
2007 Hongkong

Number of  
employees :  
112

Location :  
shenzhen, China  
California & Texas USA.

Germid site  
China 5060 m<sup>2</sup>  
California 2240 m<sup>2</sup>  
Texas 5030 m<sup>2</sup>



R&D investment :  
12.4% of sales  
volume of the year

Sales volume in 2022 :  
18 million US dollars

Sales volume in 2023 :  
25.3 million US dollars



iMirror

# Germid & IMIRROR Group Profile



- *Germid global location*



## China Headquarter Global Media Industry Group Co., Ltd

Address :2F, Bldg A, No.46, Xingye 1st Rd,  
Fenghuang,Fuyong, Shenzhen China.  
Factory : 6500 m<sup>2</sup> . R&D. Test lab . Assembly line .



## California Branch Imirror Inc.

Address: 1150 N del rio place. Ontario CA 91764  
Office and warehouse 23035 sqft



## Texas Branch Imirror Texas Inc.

Address: 1443 Wainwright Way STE 155, Carrollton, TX 75007  
Office and warehouse 54506 sqft



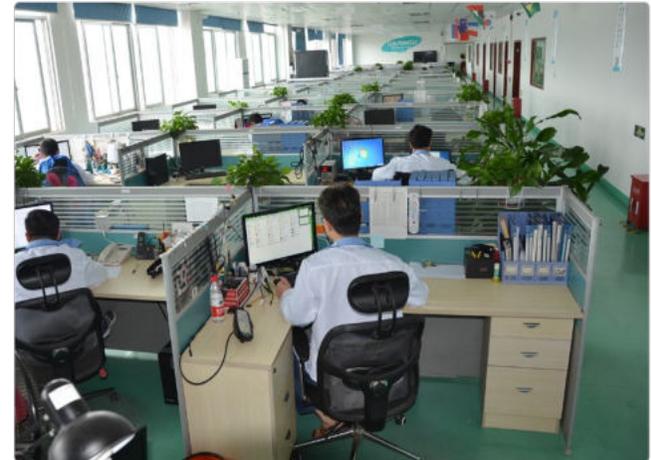


# iMirror

## Gerimid & IMRROR Group Profile



### Office





## ● Production area





## ● Some test equipment



Weather resistance test



Cold and hot shock test



Wire bending test



High&low temperature and humidity test



Mirror impact test



Corrosion resistance test



Salt spray test



Light Test



Waterproof Test



Tensile test



- Germid global location

IMIRROR is a company specializing in the production and sales of automotive electronic rear-view mirrors. The parent company is GLOBAL MEDIA INDUSTRY GROUP CO LTD in Shenzhen, China. The parent company in China has 120 employees, including 25 engineers.

The company is engaged in the development and manufacturing of automotive electronic rear-view mirrors. In 2014, it was a component supplier for FORD GM TOYOTA and other car makers.

In order to meet the requirements of American automakers and to improve more comprehensive and professional services, we established branch in California in 2017 and Texas in 2021.

At present, we purchase some raw materials from the United States, assemble and produce them, and sell them directly to automakers. This can greatly improve efficiency, reduce round-trip tariffs, and help open up the South American market.



- On October 29, 2015, Shanghai China, Germid stock listed in Shanghai Stock Exchange, Germid got the first step on the road to the capital market.

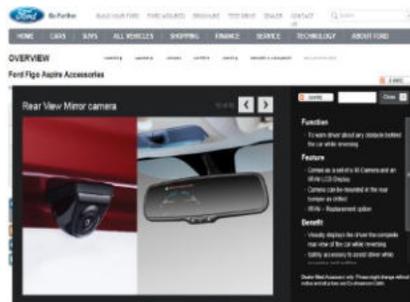
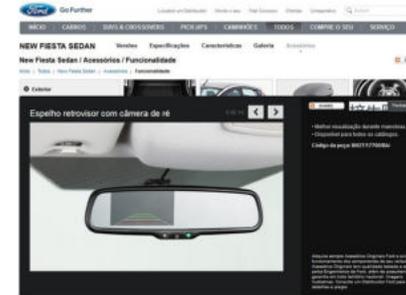


Our stock code : 207593



- System of depot (OEM Market)

In auto plant accessories, the production of ISUZU, Germid has entered into a complete system of those plants, such as Toyota, Ford, GM, Mazda, TATA etc.



Germid products on website of Ford, Mazda, Chevrolet, ect.



### U.S. Manufacturing

# FORD PRO GIVES FORD TRANSIT DRIVERS A HIGH-DEF LOOK AT THE ROAD BEHIND WITH AN AVAILABLE DIGITAL REARVIEW MIRROR

FEB 22, 2023 | DEARBORN



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Feb 6, 2023



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Feb 5, 2023



Digital Rearvie...

Feb 6, 2023





## ● System of depot (OEM Market)



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Home > News > Ford Pro Gives Ford Transit Drivers A High-Def Look At The Road Behind With An Available Digital Rearview Mirror

## FORD PRO GIVES FORD TRANSIT DRIVERS A HIGH-DEF LOOK AT THE ROAD BEHIND WITH AN AVAILABLE DIGITAL REARVIEW MIRROR

FEB 22, 2023 | DEARBORN



DEARBORN, Mich., Feb. 22, 2023 – Ford Pro™ continues to use technology to give commercial customers a better user

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Digital Rearview Mir...



- Some OEM Part Numbers Come From Automobile Factories



<b>FORD</b>	MIRROR GPS	PN: BH2T/17682/AA/
<b>FORD</b>	MIRROR MONITOR	PN: BH2T/17700/BA/
<b>MAZDA</b>	MIRROR MONITOR	PN: BM1HACRPAM
<b>TOYOTA</b>	REAR VIEW MIRROR	PN: PZD61-0P023
<b>ISUZU</b>	DVR Auto Dimming	PN: 5-8680-0002-T
<b>NISSAN</b>	NP300. navara	PN:T99Q64KH0
<b>NISSAN</b>	SENTRA	PN: Nimex-LF3E7
<b>NISSAN</b>	SENTRA	PN: 3N3Q6G3001
<b>NISSAN</b>	QASHQAI	PN: 3N3Q6G3000

\* Each of the above trademarks belongs to the respective units concerned



- International After Market

Based on North America, South America, Europe, Australia, Middle East, Japan and other places, Germid Group pays great attention to every detail such as patent and safety. And Germid does very well in these aspects. For the after market, Germid almost monopolizes the market of superior rearview mirror. We become the distributor for lots of automotive electronics and the unique supplier in rearview mirror.





- The principal manufacturers of electronic rearview mirror to OEM market in the world.

**GENTEX**  
CORPORATION



**MAGNA**

**SMR**  
Samvardhana Matheson Reflectec

HYUNDAI  
**MOBIS**

**Panasonic**



\* Each of the above trademarks belongs to the respective units concerned

Germid has entered into a global electronic rearview mirror partnership with MAGNA in 2014 to procure components such as electronic glass-proof glass from MAGNA and get technical support from MAGNA. Germid is competing with other companies in the image above. At present, the competition with Panasonic is the most direct. In several car factory DVR projects, and the police rearview mirror project, Germid's direct competitor is Panasonic.



## Germid is

The first company in China to qualify for multimedia rearview mirror TS-16949 management system.

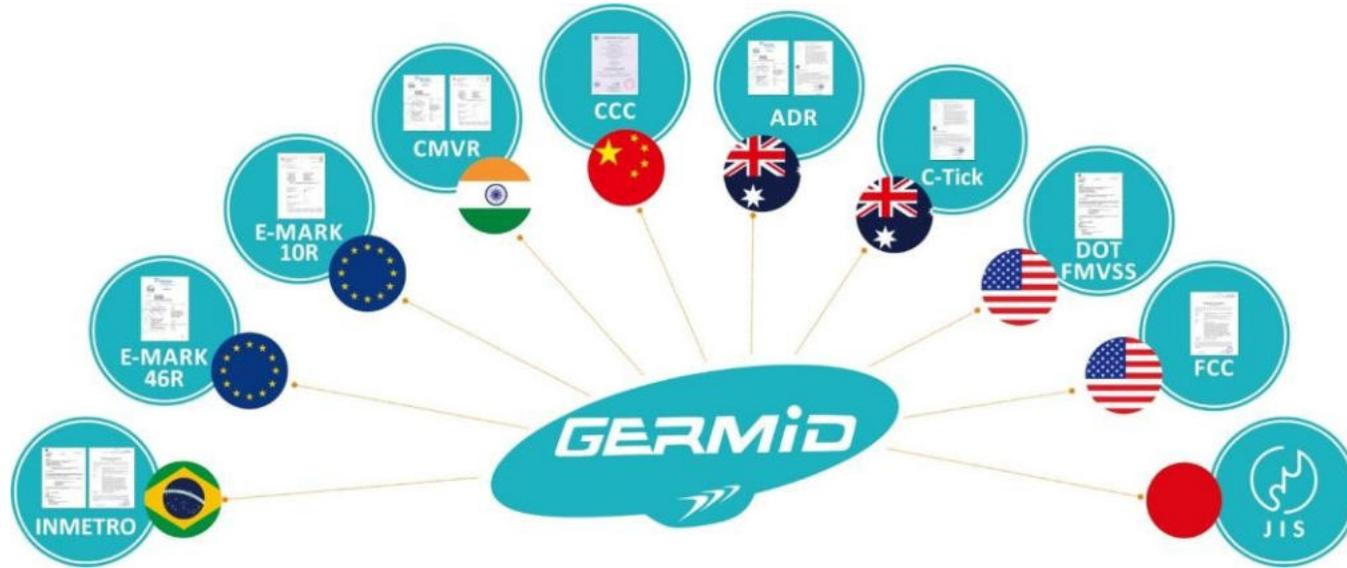
The first Chinese company to pass EU EMARK certification for multimedia rearview mirror.

The first Chinese company to register the multimedia rearview mirror with US DOT.

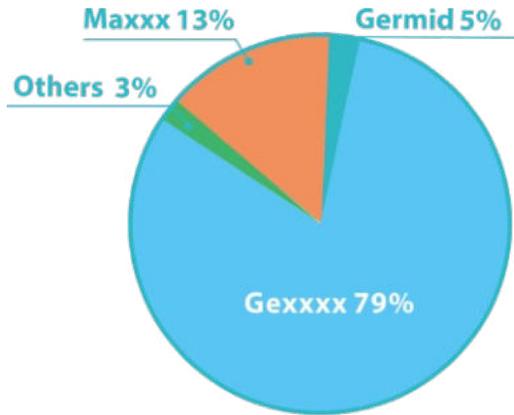


 <p>Certified by TS-16949 multimedia rearview mirror (NSF ISR., ltd ).</p>	 <p>Certified by Germany Rhine Lab for products.</p>	 <p>Certified compulsorily by safety standards of EU vehicle rearview mirror.</p>
 <p>Certified by the U.S. department of transportation .</p>	 <p>Compulsory certification unit of China 3C.</p>	 <p>Certified by Brazilian Ford parts system.</p>
 <p>Certified by Philippine Chevy parts system.</p>	 <p>Certified by India TATA parts system</p>	 <p>Certified by Australian Mazda parts system.</p>

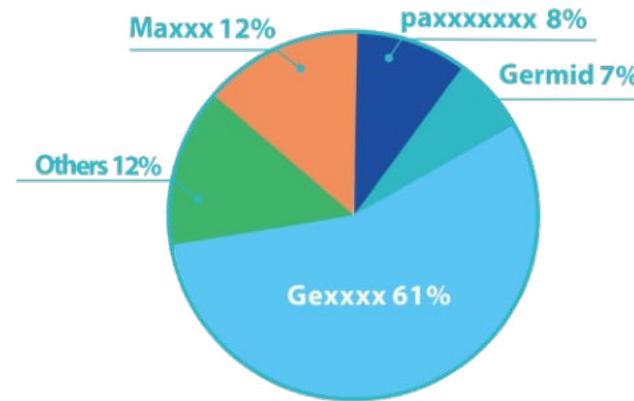
\* Each of the above trademarks belongs to the respective units concerned



In any country the rearview mirror is an automotive safety parts of mandatory testing. It must comply with the relevant safety regulations of the state standard. Not only does Germid complete all the electronic functions of the rearview mirror but also achieves the relevant regulatory requirements in line with national mirrors.



**2014 Global RCD Mirror Unit Shipments**



**2016 Evaluation Global RCD Mirror Unit Shipments**

The data is estimated and believed to be accurate at the time of this study, but changes in the market may effect future data.

The rearview mirror is a reasonable position for showing safety information and information status system

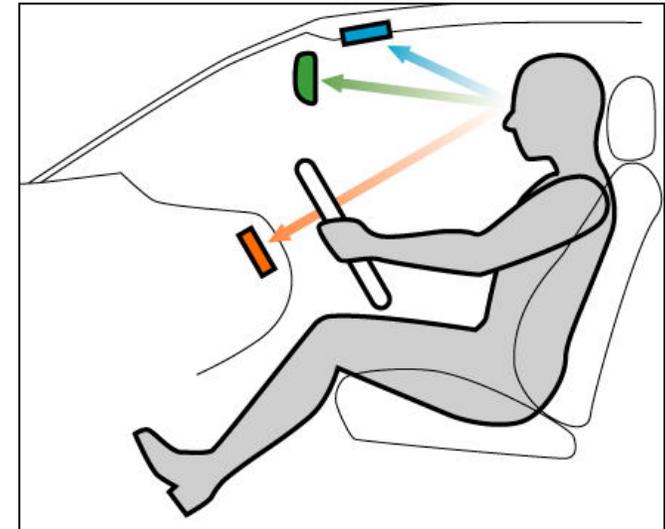
- **Intuition**– The driver has been accustomed to using the rearview mirror
- **Easy to look**– The least head movement
- **Safety**– Keep sitting and staring road conditions with corner view
- **Frequency**– In driving, the rearview mirror is frequently checked.

Display at the top 

Display on the mirror 

Display on the operation panel or the center console 

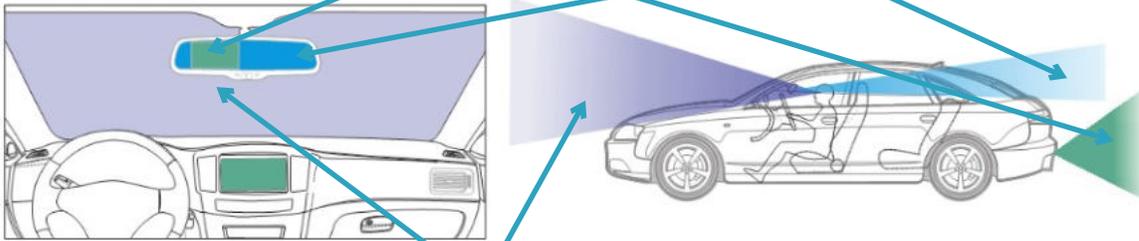
**Research shows: In driving, the driver looks at the rearview mirror at least 4 times per minute. Looks at the other places not more than 3 times.**



- **Three information can be obtained**

**Camera Display** Display allows the owner to understand the information below the car .

**Reflective glass** By watching the reflective glass, the driver can obtain the information outside of the window, also the information of upper part.



**Front area of car** As long as the driver slightly changes the line of sight, he can see the front of the car. When he moves backwards, two positions would be noticed, car front left and front right where are easy to get collision.

When parking, you watch the LCD display area of the rearview mirror. Then you can obtain three areas of information, that is display area and reflective glass area and front area of car.



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What rearview mirror is the safer one



**What is the most important elements of rearview mirror?**

Quality

Patent

Safety

Germid designed products in accordance with above three requirements strictly.



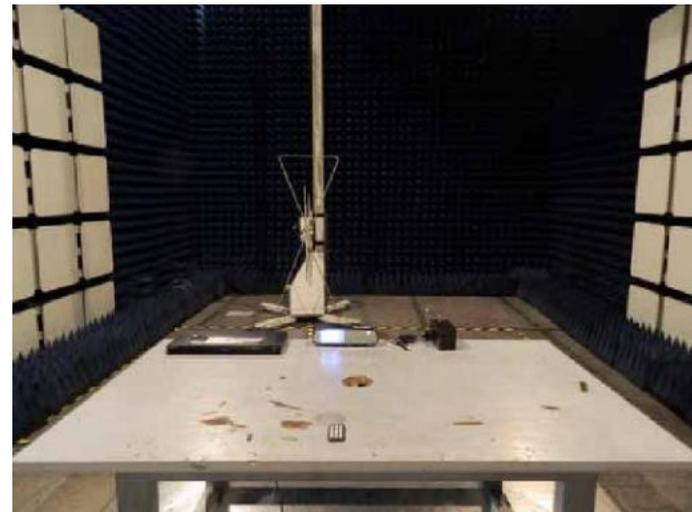
- Quality

In order to produce a high quality rearview mirror, the manufacturer must have a complete design and manufacturing system. Certified by IATF16949, Germid holds a concept of security throughout the entire design and manufacturing process. The products have been tested extensively, such as: Burn-in and Test System, Mechanical Resistance Test, Electronic Performance Test, Resistance to Chemical Experiment, Resistance Weather Test, EMI Check.



- Quality

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## ● Quality

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1	Dimension check reports	23	Ground Offset	45	Pull out strength
2	Function attempt (Technical release)	24	Short Circuit in Signal Line and Load Circuits	46	Plugging force and coupling pin strength (assembly)
3	EMC	25	Insulation Resistance	47	Pin press-out force (plug contacts)
4	Homologation - India - AIS 001 & AIS 002 - for IRVM	26	Closed-Circuit Current	48	Cable retention force, engagement retention force (plug-in connections)
5	Crimp Connections	27	Dielectric Strength	49	Pull-out strength requirement (plug-in connections)
6	Wiring Harnesses in Motor Vehicles	28	Backfeed	50	Connector forces at right angle to plugging direction
7	Long term over voltage	29	Overcurrents	51	Noise behavior under vibration
8	Transient over voltage	30	Functioning during Undervoltage and Overvoltage	52	Push endurance test
9	Transient under voltage	31	Operating Current	53	Rotation endurance test
10	Jump start	32	Voltage Drops	54	Life test - mechanical/hydraulic endurance test
11	Load dump	33	Start-Up Behavior	55	Life test high-temperature endurance test
12	Super imposed alternative voltage	34	Insensitivity to Shunt	56	Life test temperature cycle test
13	Slow lowering and increasing of the supply voltage	35	ON/OFF endurance test	57	Function Test Testbench
14	Slow decrease and quick increase of the supply voltage	36	Short Voltage Dips	58	Function Test Car
15	Reset Behavior	37	Inrush current	59	Check of Drawings
16	Short Interruptions	38	Current measurement	60	Conformity of EMC- India
17	Starting Pulses - Cold Start	39	Free fall	61	Plug and Play
18	Starting Pulse - Hot Start	40	Dust test	62	Transient Immunity
19	Voltage Curve with Alternator Control	41	Vibrations test	63	Transient Emissions
20	Pin Interruption	42	Mechanical shock	64	EMV Sensorleitungen TL 82366
21	Connector Interruption	43	Endurance shock test	65	EMPB (Erstmusterpruefbericht)
22	Polarity Reversal	44	Crimp and plug in connection	66	BMG (Baumustergenehmigung)

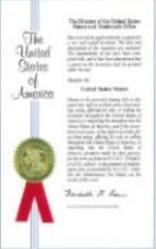


## ● Patent

Some US companies firstly pioneered the industry of electronic rearview mirror, so many patents concerned are held by them. At present more than 97% share of OEM business is occupied by two US companies. Many companies in Europe and Asia know little about rearview mirror, but they're still confident for this industry. However, with their further study, Many of them quit because of the inevitable patent restrictions.

More than 47 patents are owned by GERMiD in those practical patents, such as 2 practical patents from China, 12 patents from US, Europe, China, and Australia etc.

We solve the patent problems by FIVE ways, that is, Product design skips some patents, Lawsuit overthrows patents, Self-innovation, Pay patent royalty, Technical exchange on patent





专利号	名称
2014201826477	一种后视镜摄像头位置及位置系统
2014201819880	汽车后视镜
2014202273739	一种前置摄像头汽车后视镜
2014217094564	汽车后视镜加热
2014201814751	一种后视镜底座
2014207714257	一种汽车后视镜系统
2014201809530	一种集成摄像头汽车后视镜
2015200648959	一种集成摄像头的汽车后视镜系统
2015200880545	一种集成摄像头的汽车后视镜系统
REL-190215-183416	一种汽车后视镜
REL-190215-183417	汽车后视镜加热
REL-190215-183418	集成摄像头汽车后视镜系统
2015200303787	集成摄像头汽车后视镜系统
2015200444452	组合式摄像头后视镜系统
2015200227548	一种集成摄像头后视镜系统
2015200227741	一种集成摄像头后视镜系统
2015200263089	一种集成摄像头后视镜系统
200920121753_2	后视镜汽车后视镜
2011201014805_3	一种汽车后视镜
201120083899_3	汽车后视镜
201120456791_3	一种多功能汽车后视镜
201201022774_6	一种汽车后视镜系统
201201022774_6	一种汽车后视镜系统
201201022774_6	一种汽车后视镜系统
REL-190215-183419	一种汽车后视镜系统
REL-190215-183420	一种汽车后视镜系统
REL-190215-183421	一种汽车后视镜系统
201314074249_9	一种集成摄像头后视镜系统
201320043068_9	一种集成摄像头后视镜系统
2014201643472	一种集成摄像头后视镜系统

专利号	名称
2014200445286	一种集成摄像头后视镜系统
2014200386573	一种可调式后视镜系统
2014201594383	一种汽车后视镜系统
2014202271139	汽车后视镜
2014202716387	汽车后视镜系统
2014200822477	一种集成摄像头后视镜系统
2015200192190	一种集成摄像头后视镜系统
2015202094946	一种集成摄像头后视镜系统
2015204391008	一种集成摄像头后视镜系统
201520414272	一种集成摄像头后视镜系统
2015200124156	一种后视镜系统
2015200449084	一种集成摄像头后视镜系统
2015200622442	一种集成摄像头后视镜系统
2015201761167	一种集成摄像头后视镜系统
2015200817234	一种集成摄像头后视镜系统
2015200823576	一种集成摄像头后视镜系统
2015200948979	一种集成摄像头后视镜系统
201520060183_7	一种集成摄像头后视镜系统
2015201768476_8	一种集成摄像头后视镜系统
2015201769476_9	一种集成摄像头后视镜系统
2015201764774_7	一种集成摄像头后视镜系统
2014200461074	一种集成摄像头后视镜系统
2014200447929	一种集成摄像头后视镜系统
2014200448086	一种集成摄像头后视镜系统
2014200380073	一种集成摄像头后视镜系统
201420115416_7	一种集成摄像头后视镜系统
2014201194308_9	一种集成摄像头后视镜系统
2014202794620	一种集成摄像头后视镜系统
2014202148108	一种集成摄像头后视镜系统
2014204324213	一种集成摄像头后视镜系统



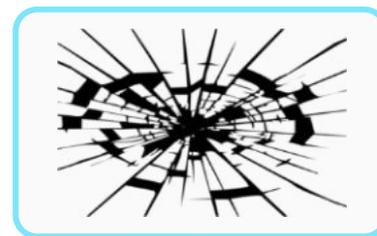
- Safety Requirements on Structure of Rearview Mirror

More than 95% of car rearview mirror is mounted on the front windshield. According to vehicle interior safety requirements, rearview mirror must be designed to not injure the driver and cannot have too many sharp debris when it is under the effect of an impact. At the same time, the design of rearview mirror must try to protect the windshield from being broken.

ISO 3208:1974 Road vehicles -- Evaluation of protrusions inside passenger cars, this standard defines safety requirements for many protruding parts inside cars. While rearview mirror is a large protrusion, windshield is most likely to be broken after an impact on the rearview mirror and the branches or other objects may injure the drivers.



Cannot injure drivers

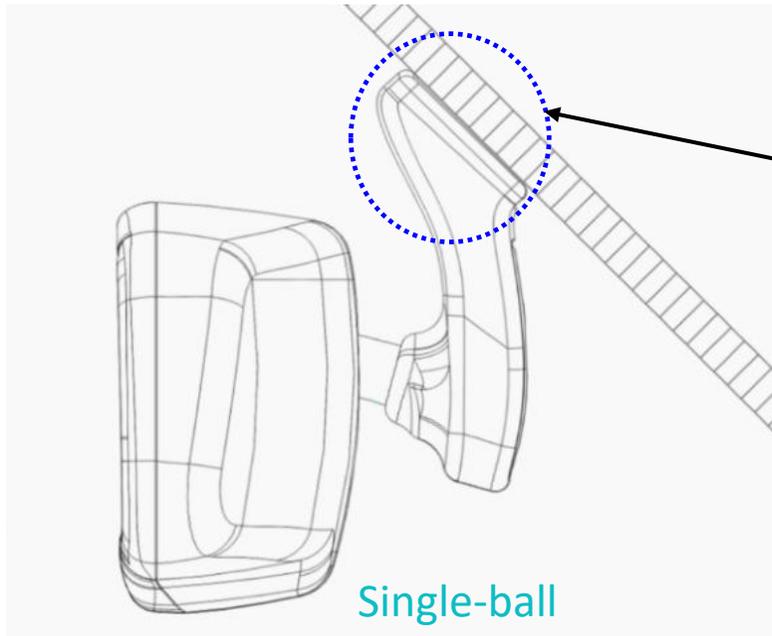


Trying to protect the windshield from being broken



- Single-ball design

The original car rearview mirror bracket has one or two ball joints. To protect the windshield, single-ball rearview mirror and the mount on windshield will fall off together under an impact. Even though the rearview mirror may become broken, windshield is protected and branches or stones outside the vehicle will not injure the drivers.

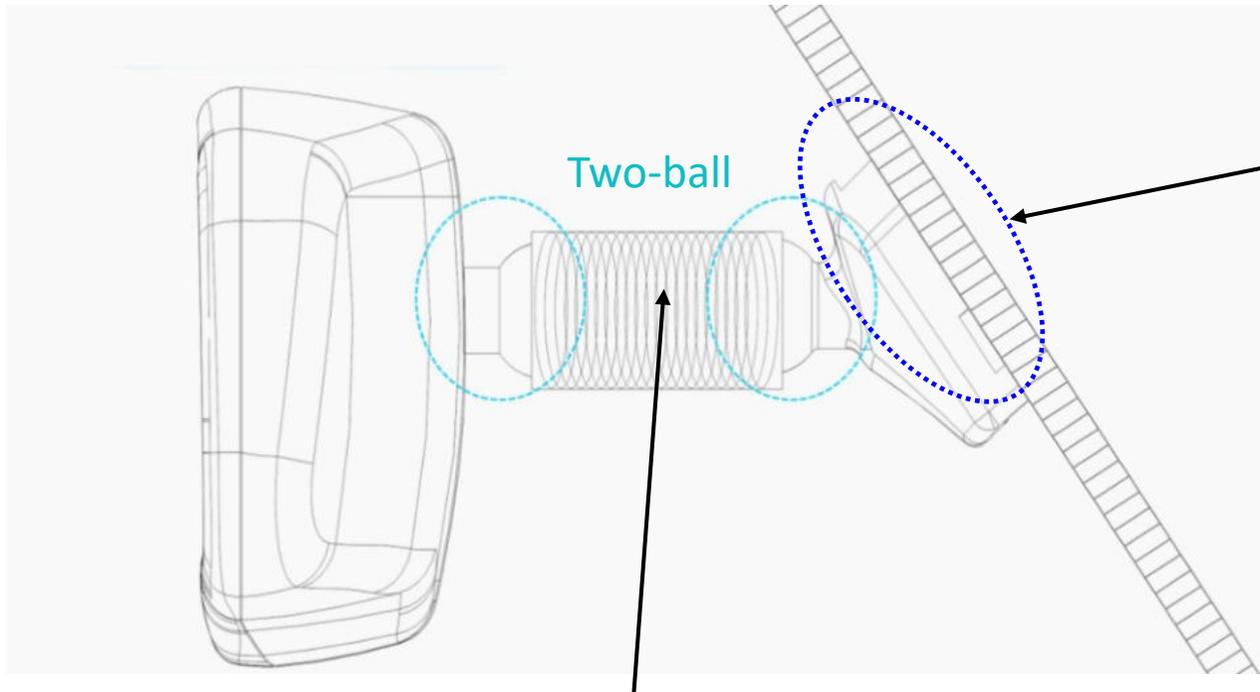


Rearview mirror falls off under the effect of an impact to protect windshield.



- Two-ball Design

The two ball joints of the rearview mirror bracket can easily rotate and avoid the effect of an impact, which may protect the windshield from being broken.



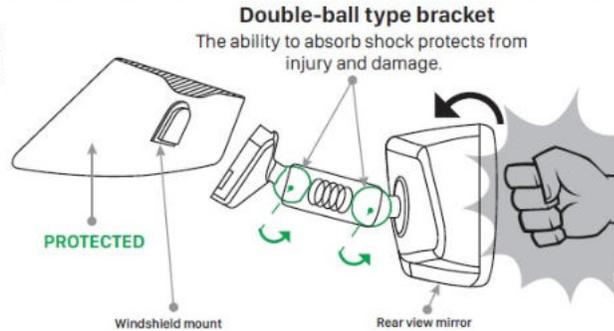
Rearview mirror is screwed on the windshield and will not fall off under the effect of an impact.

The rotatable ball joints can avoid the effect of an impact and protect windshield.



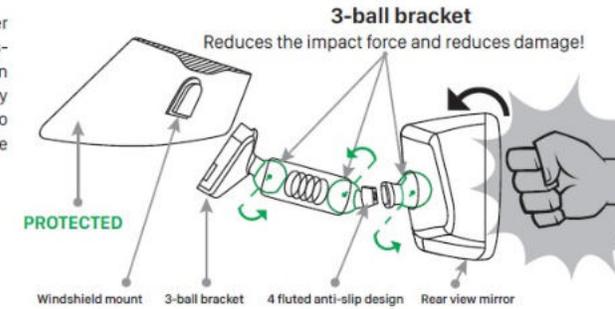
## TYPE 1: OEM ORIGINAL MIRROR MOUNTING BRACKET

When impacted in a crash or other event, the flexibility and rotation of the double-ball design mount help protect the vehicle passenger and the Windshield from breakage.



## Type 3: OUR 3-BALL BRACKET SYSTEM

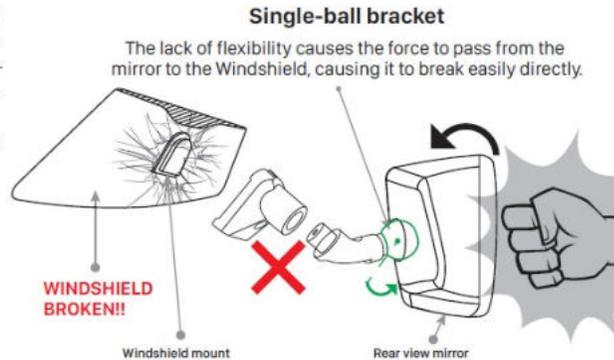
When impacted in a crash or by any other cause, the force is absorbed and NOT transferred directly to the Windshield. This design **meets and exceeds** OEM design and safety requirements. The three-ball design helps to protect the passenger and driver as well as the Windshield in a crash.



## Type 2: COMMON RETAIL REARVIEW MIRROR BRACKET

When impacted in a crash or by any other cause, the force is transferred directly to the Windshield and can cause damage to the glass.

The rigid mount also can cause injury to the passenger and driver if they impact the mirror in a crash. This type of mount does not meet OEM Standards.



An unsafe wrong design will cause the windshield to be easily broken when the rearview mirror is impacted, causing the driver to be injured by objects outside the vehicle. Our design tries our best to cushion the impact of the rearview mirror, so that the windshield is not easy to break.



## HOW TO INSTALL THE REARVIEW MIRROR

1. Standard equipped **3-ball bracket** can be used for most of Toyota, Nissan, Mazda, Mitsubishi, Buick, Chevrolet, Cadillac, Kia, Hyundai.



**3-ball bracket**

2. If the **3-ball bracket** can't be installed, you can use the mounting lug (special glue) to attach the **Windshield mount** to the windshield, then use a **3-ball bracket** to attach the mirror to the mounting lug.

This side connects to the **3-ball bracket**



This side to the windshield

**Windshield mount**

3. If all above installation methods are not suitable, please kindly contact us. Please kindly send us the pictures of your original car mirror bracket and the mount on the windshield. We have hundreds of brackets for our mirrors to match with any car models. You can learn from Youtube that how to disassemble and install your car's rearview mirror and also install a car camera.

## SINGLE-BALL TYPE MIRROR ASSEMBLY

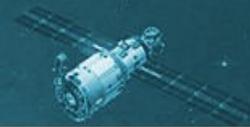


We have hundreds of brackets for our mirrors to match with any car models.

## TRI-LOBE TYPE MIRROR MOUNT

If you have a vehicle with a Tri-Lobe Mount, first attach the #35 tri-lobe adapter to the mount on the Windshield. Next attach the Mirror Mount to the Tri-lobe adapter.





### VEHICLE SPECIFIC ADAPTERS

Adapter Mounts are available for most models of cars. These adapters allow you to use the mirror with no modification to the factory bracket. Contact us for more information.

#### 2# adapter — Most Honda



Original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

#### 3# adapter — Most Volkswagen



original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

#### 27# adapter — Most Renault



original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

#### 33# adapter — Most Fiat



original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

#### 35# adapter — Most BMW, Dodge Range Rover,



original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

#### 42# adapter — Most Benz



original windshield mount



This side is mounted on the 3-ball bracket.



This side is mounted on the original windshield mount.

- US SMP-TSR electronic dimming

The manual dimming or auto dimming function is a must for original rear view mirror, and it's to protect the driver's driving at night without the glare. If removed, then it may cause some subsequent legal disputes. Germid produces rearview mirror with these two functions. Currently many dealers begin to take auto dimming seriously.

Electronic dimming technology used by Germid, with relevant patent rights, so Germid mirrors are legal to sell in North America, Europe, Asia and other places. The company that possesses SPM-TSR electronic dimming rearview mirror display can produce and sell legally, there is only three companies in the world currently, Germid included.



The so-called blue film is fully a cheat for customer and no car plant adopt it.



Currently, We are the only company that can produce and sell the third surface reflective glare lenses in Asia 。



- US SMP-TSR electronic dimming

Electronic dimming lens adopted by GERMID is the most advanced SPM-TSR technology in the world. Quality is far superior to the LSM-TSR technology that adopted by the other Asian companies, SPM-TSR technology has been steadily supplied to many world-class automobile plants. It is the result of years of verified, reliable EC Auto-Dimming dimming technology.





# iMirror

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Safe driving at night / OEM Design  
**ANTI-GLARE AUTO DIMMING  
MIRROR**

Ultra high brightness display for backup camera





- Automatically adjust brightness of the screen

Germid rearview display will change with the ambient light and automatically adjusts the screen brightness. Let the driver can clearly see the screen image at any time and without glare. On the patents of LED lights , directly acquire the patents authorize of Japanese Toyoda gosei ,we can sold worldwide legally .



Under bright light, the screen brightness increases automatically, Clear image for viewing.



Under low light conditions, brightness of the screen is automatically dimmed, No glare, suitable for viewing.



- Ultra-high brightness display

Highly reflective mirror glass provide a highlighting and clear image, and the image of rearview mirror display is transmitted to driver through the highly reflective glass, so, in this case, there is a high screen brightness requirements. Germid display screen brightness still 1500 ~ 2300lux after pass through glass, while other companies display screen brightness only 100 ~ 400lux after passing through the glass screen brightness .





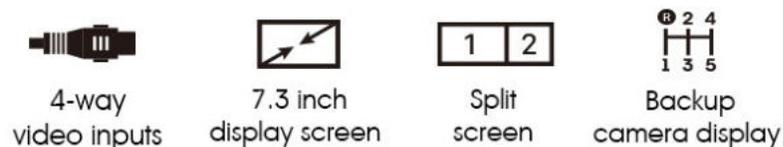
- Germid & IMIRROR Group Profile
- Why put the display module in the rear view mirror
- What kind of rear-view mirror is a safer one?
- Special functions of Germid product
- **Product Introduction**
- Advantages of cooperate with Germid



## Rear View Mirror Monitor With **Dual** Camera Images

### KEY FEATURERS

- 7.3" MIRROR MONITOR WITH factory mount
- Support 4 video inputs for cameras in the front, rear, and sideview
- Can be split screen and display two separated image
- High brightness 2000cd/m2
- Resolution: 1280H\* 390V
- Adjustable Parking Gridlines
- Touch key



**FK-073-T23**

### NOTE :

The price is for mirror only. Default is 2 ways CVBS and 1 AHD input. We can customize different channels. The video format can be selected between CVBS / TVI / AHD

Please kindly confirm the below tips before you purchased :

1. How many cameras you will install with the device ?
2. What is the Configuration for your camera ?

■ AHD   ■ TVI   ■ 720P   ■ 1080P   ■ 25FPS   ■ 30FPS   ■ 60FPS

This mirror is commonly used on some minivans because the rear windows of these vans are completely blocked.



## Rear View Mirror Monitor With **Single** Camera Images

### KEY FEATURERS

- 7.3" MIRROR MONITOR WITH factory mount
- Support 1ch different CVBS inputs for camera
- High brightness 2000cd/m2
- Resolution: 1280H\* 390V
- Support Automatically adjust the backlight brightness
- One Mechanical button
- Support reversing input
- IMDS
- E-MARK R10
- E-MARK R46
- FMVSS 111
- ISO 10605-2008 ESD
- ISO 11452-4 BCI
- ISO7637-5A, ISO7637-5B conducting



FK-073A-CD



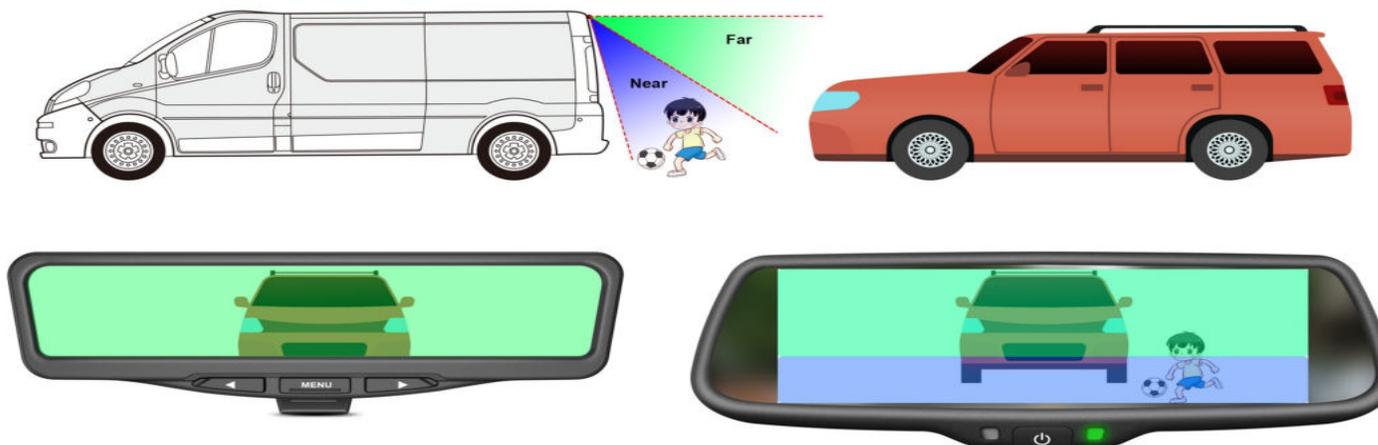
This rearview mirror is equipped as standard on Ford F-550 F650 and other models after 2022, and logistics companies such as Amazon in North America are also equipped with this rearview mirror in large numbers



## 9inch and 7inch screen compare

7.3" allows driver to see right, left, front, back, far and close at the same time while the 9inch one can only see the left and right direction. This is why Ford F550, F650 and many couriers company choose it. Appearance of 7.3inch is not as good as 9inch one, but it's more useful.

So 9 inch is generally used in small cars, 7.3 inch is mainly used in minivans, minivans generally do not care about the appearance, but care more practical part.





## Analysis of the size ratio for the three screens

9 inch 5:1  
YK-090LA

7.3 inch 3.3 : 1  
FK-073LA

7inch 1.78 : 1  
the most popular 16:9 in the market

While driving, drivers only occasionally take a quick glance at rearview mirror for about 0.5 seconds, look quickly through the rearview mirror to see what's behind the car, and then the view immediately returns to front of the car. Generally look in the rearview mirror about 10 to 30 times per hour.

In such a short period of time like 0.5 seconds. The structure of the two eyes dictates that the driver can quickly look at the contents of an approximately 4:1, approximately 8" screen.

If the screen is 1.78:1 or 1:1 or 1:2, the driver can only quickly remember the content of middle area, but not the top and bottom areas of screen. It takes about 1 to 3 seconds to remember the contents of the top, middle, and bottom areas of the screen.

In order for the driver to quickly remember the contents of screen, the above 9-inch and 7.3-inch mirror is more in line with the natural structure of human eyes.



## Why GERMiD mirror price is higher than other mirrors in market

1: For ordinary rearview mirror, when image behind car displayed on mirror, video delay is about 0.1 seconds. For a speed of 120KM/H car, 0.1 seconds may lead difference of 3.3 meters of which driver can see to the actual situation behind the car , which gives driver wrong information, may lead to accidents. The video delay of GERMiD mirror which provided to car manufacturers is basically between 0.033 and 0.05 seconds, which meets the relevant safety requirements and also increase cost. The camera needs to process 180 pictures per second, and after HDR processing, it outputs 60 pictures per second.

2: Brightness of ordinary rearview mirror is very low, GERMiD rearview mirror brightness is very high. And can be auto adjust during day and night.

3: The rearview mirror needs to be designed to meet automotive safety requirements, as well as EMC EMI and other requirements, which leads to a substantial increase in cost.

Unqualified mirrors will interfere with Bluetooth, radio, GPS and other signals, and even interfere with other circuits of the car, affecting safe driving.



# 9" Full Display Car Rear View Mirror Monitor With **Analog HDTV** Video Camera

### KEY FEATURERS

- 9 inch car factory OEM quality full display mirror monitor
- Automotive standard and car manufacturers certified item
- Manual dimming switch between mirror review mode and video display mode
- Included 3 video inputs for cameras in front, rear.
- Ultra High LCD brightness : 4000cd/m2
- Resolution : 1920\*380
- Suppress the night glare and make the camera image better .
- Include rear AHD Sony sensor camera (TVI /AHD)

### NOTE :

Default configuration is 1 AHD channel and 2 CVBS channels.

We can customize different channels configuration and also support

TVI camera



**YK-090A**



**TK-090A**





## 9" Full Display Car Rear View Mirror Monitor With Dual **Analog HDTVI** Video Camera

### KEY FEATURERS

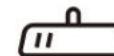
- 9 inch car factory OEM quality full display mirror monitor
- Automotive standard and car manufacturers certified item
- Manual dimming switch between mirror review mode and video display mode
- Included 3 video inputs for cameras in front, rear.
- Ultra High LCD brightness : 4000cd/m2
- Resolution : 1920\*380
- Suppress the night glare and make the camera image better .
- Include 2 Channel Different HD-TVl sensor camera 1280x400 60fps
- Support Automatically adjust the backlight brightness
- One Mechanical button and Support reversing input
- FMVSS 111
- ISO 10605-2008 ESD
- ISO 11452-4 BCI
- ISO7637-5A, ISO7637-5B Conducting



2-way video inputs



9.0" display screen



Manual dimming



**YKS-090A-2H**



**OEM FOR USA and Mexico,  
Amazon and other shipping  
companies, products certified by  
US DOT and EU EMARK**



# 9" Full Display Car Rear View Mirror Monitor With **Digital HDTV** Video Camera

### KEY FEATURERS

- 9 inch car factory OEM quality full display mirror monitor
- Automotive standard and car manufacturers certified item
- Manual dimming switch between mirror review mode and video display mode
- Included 3 video inputs for cameras in front, rear.
- Ultra High LCD brightness : 4000cd/m2
- Resolution : 1920\*380
- Suppress the night glare and make the camera image better .
- Include 1 Channel different HD-TVl sensor camera 1280x400 60fps
- Support Automatically adjust the backlight brightness
- Three Mechanical button
- FMVSS 111
- ISO 10605-2008 ESD
- ISO 11452-4 BCI
- ISO7637-5A, ISO7637-5B Conducting



1-way video inputs



9.0" display screen



Manual dimming



**OEM FOR 2023 FORD TRANSIT**



### 9" Full Display Car Rear View Mirror Monitor With **LVDS** Video Camera

#### KEY FEATURERS

- 9 inch car factory OEM quality full display mirror monitor
- Automotive standard and car manufacturers certified item
- Manual dimming switch between mirror review mode and video display mode
- Included 3 video inputs for cameras in front, rear.
- Ultra High LCD brightness : 4000cd/m2
- Resolution : 1920\*380
- Suppress the night glare and make the camera image better .
- Include 1 Channel different LVDS sensor camera 1920x720 60fps
- Support LED Flicker mitigation
- Support Automatically adjust the backlight brightness
- Three Mechanical button
- FMVSS 111
- ISO 10605-2008 ESD
- ISO 11452-4 BCI
- ISO7637-5A, ISO7637-5B



1-way LVDS video inputs



9.0" display screen



Manual dimming



**YKL-090A**

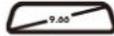




### Dash Cam Rear View Mirror Monitor With 9.66 inch dual camera

#### KEY FEATURERS

- Dual channel dash camera Front view Sony sensor
- Image sensor 1080P and Rear 1080p
- Use for commercial car, Fleet, Truck etc.
- **Middle East Toyota Project**
- No touch screen, long life-time and high quality
- 9.66 inch LCD high brightness 1500cd/m2
- Front 140° wide viewing angle
- Smart phone can View/ save the recorded video through Wi-Fi connection
- Maximize support 128GB
- 24h Parking monitor

			
F&R 1080P Sony 307 sensor	Super night vision	9.66" full display screen	Wi-Fi connect



**YVT-096A**





### Dash Cam Rear View Mirror Monitor With 4.0 inch 2 camera 4K

#### KEY FEATURERS

- Real 4K Two Channel Dash camera Front view with the second video recording 1080P
- Front Real 180° wide viewing angle Sony sensor 415
- LCD size: 4.0 inch
- Maximize support 128GB memory
- with Manual button
- 24-Hour Parking Monitor
- Smart phone can View/save the recorded video through Wi-Fi connection
- Support G-Sensor
- MP4 265 Format
- Super compactor build-in
- Retains Standard Mirror Functionality With switching the button





### Dash Cam Rear View Mirror Monitor With 4.0 inch 3 camera 1080p

#### KEY FEATURERS

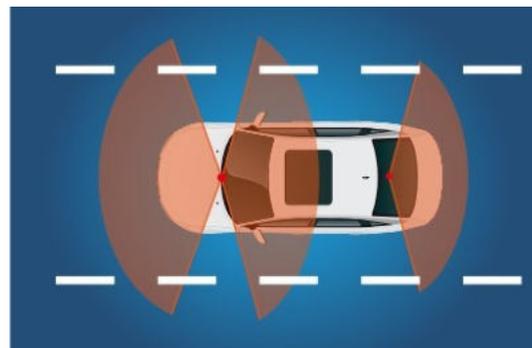
- Three video channel dash camera built in 4.0INCH factory replacement rearview mirror
- Front-view camera 1080P recording, In-cabin camera with infrared (IR) and Rear view camera
- Integrated 4inch screen in 480x800 resolution.
- Super night vision
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB memory
- 24-Hour Parking Monitor



EH-3CH



DH-3CH





### Dash Cam Rear View Mirror Monitor With 4.3 inch Ambarella A12 CPU

#### KEY FEATURERS

- OEM car factory design mirror with single video channel dash camera
- Model EV-043LA-12D include dual video channel record
- Front camera 1080p
- Ambarella12 CPU with AUTOMOTIVE standard quality. car companies certified item
- Touch screen menu
- Car manufacturer certified
- Built-in capacitor
- TF card, Maximize support 128GB



**EV-043LA-B12**



**EV-043LA-12D**

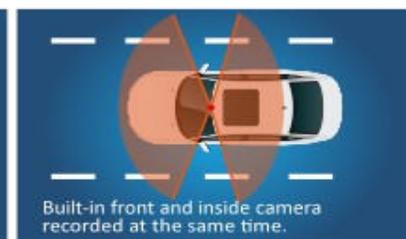
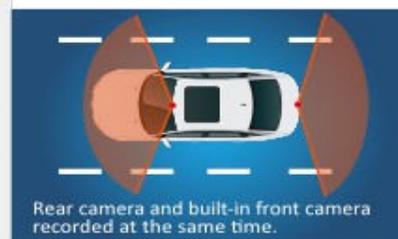


### Dash Cam Rear View Mirror Monitor With 4.3 inch Ambarella A12 CPU

This full HD DVR mirror monitor adopts Ambarella A12 solution with HD recording, integrating car rear view mirror and DVR recorder perfectly.

The professional processing technology of wide dynamic makes the abundant details available by capturing images in different lengths, and uniting two frames into one at the same time.

The 140°super wide angle makes the recording angle wider. With super night vision, more details will be visible in the video even in the poor light.



**EV2R-043LA-B12 (DUAL)**

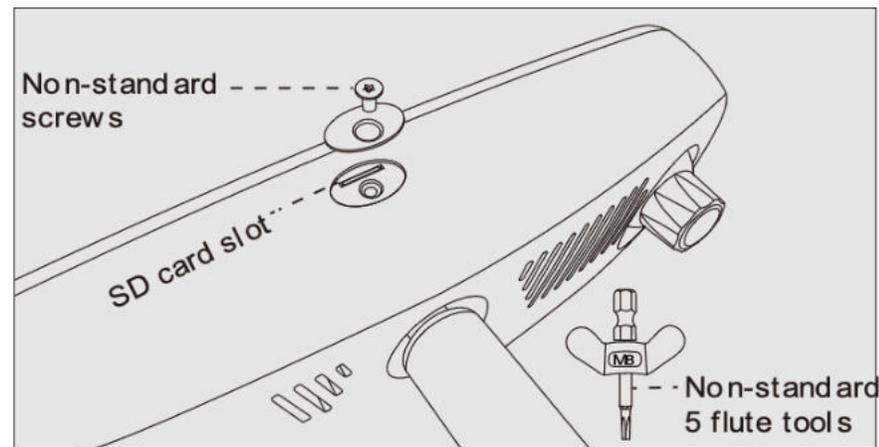
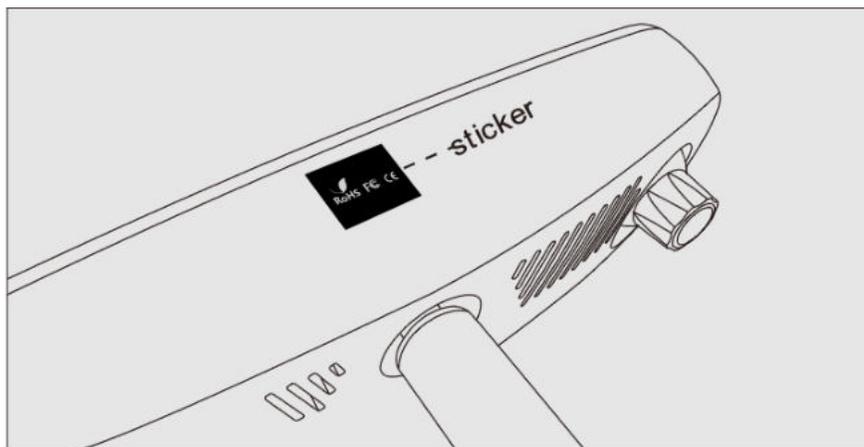
- Dual ways recording
- CPU: Ambarella A12
- Front recording 1080P
- Rear recording AHD 720P
- Parking mode for 12 hours
- Super night vision
- Backup camera display
- Automatic record
- G-Sensor
- Auto screen off
- Touch screen button
- Automatic brightness adjustment
- 4.3 inch ultra-high brightness screen
- Auto dimming (optional)



## Unique anti-lost TF card design

Some people will steal the TF card in the rearview mirror, causing video loss. Our special 5-edge key ensures that the TF card will not be stolen.

Using anti-theft design, the SD card is hidden inside, locked with non-standard screws and covered with stickers. Patent special structure makes the card is hard to find and must use special non-standard 5 flute tools to open.

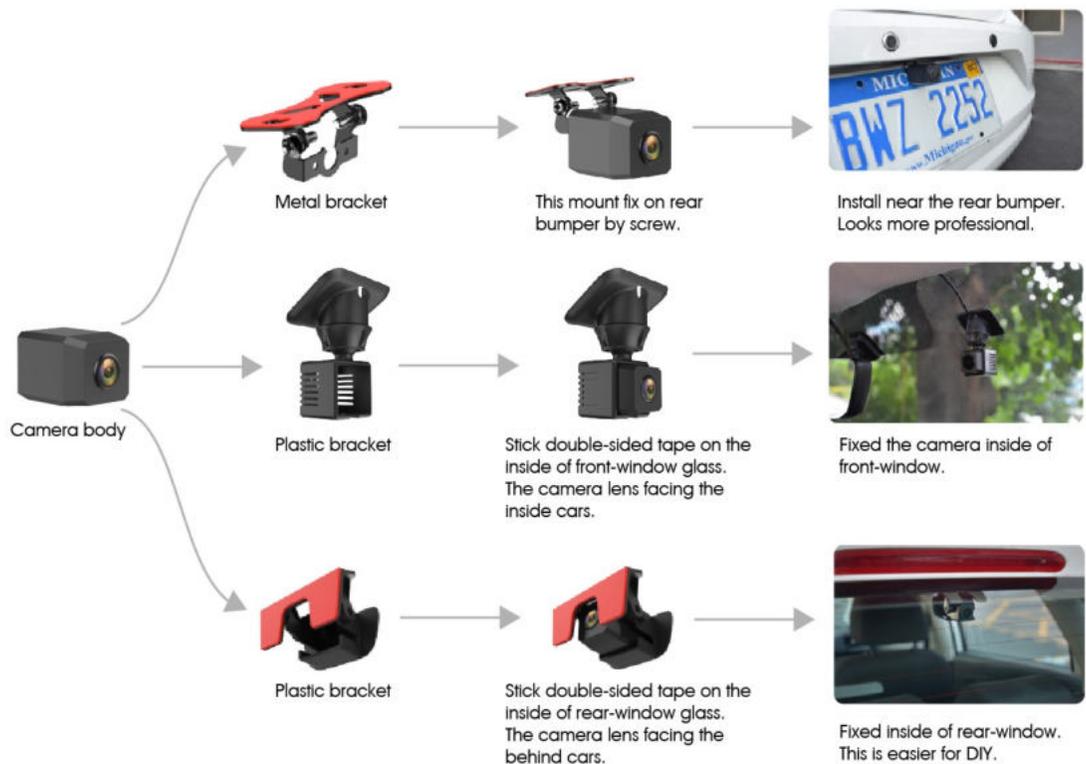




### Dash Cam External Camera

The external camera for DACH CAM can be freely installed on the front windshield to record inside the car, or on the rear window or above the license plate frame to record behind the car. One design can meet the installation requirements of three locations at the same time.

Camera can be installed inside or outside the car





# Backup Display Rear View Mirror Monitor With **4.3 inch Monitor 32 LED**

### KEY FEATURERS

- OEM factory design Rear View Mirror with 4.3" Auto Adjusting Brightness LCD
- Ultra High brightness mirror : 2000-2600 cd/m<sup>2</sup>
- Resolution: 480 x 272
- 2 Video RCA Inputs
- Adjustable parking gridline



**AK-043LA**

**OEM FOR FORD TOYOTA  
MAZDA NISSAN**



### Backup Display Rear View Mirror Monitor With **4.3 inch Monitor 16 LED**

#### KEY FEATURERS

- OEM factory quality Rear View Mirror
- Normal brightness : 1000-1200 cd/m2
- Screen: 4.3" TFT LCD monitor
- Resolution: 480 x 272
- Video Input: AK2-043LA (two video CVBS input )

AK2-043LA-P06 ( Three video input include HD video )

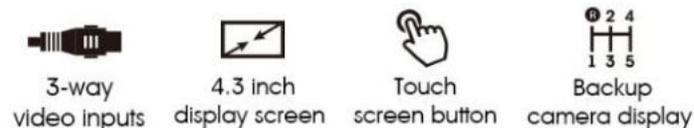
### FOR AFTER MARKET

#### NOTE :

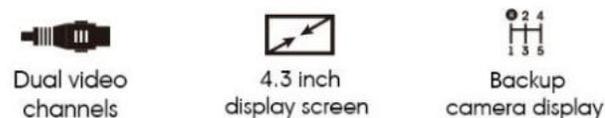
The price is for mirror only. Default is 2 ways CVBS and 1 AHD video input. We can customize different channels. The video format can be selected between CVBS / TVI / AHD. Please kindly confirm the below tips before you purchased :

1. How many cameras you will install with the device ?
2. What is the Configuration for your camera ?

■ AHD ■ TVI ■ 720P ■ 1080 ■ 25FPS ■ 30FPS ■ 60FPS



**AK2-043LA-P06**



**AK2-043LA**



### Backup Display Rear View Mirror Monitor With **7 inch Monitor**

#### KEY FEATURERS

- 7.0 inch mirror monitor for bus /craven
- DUAL video channels (CVBS )
- Backup camera display
- Support factory mount for replacement
- Optional: Clip on mirror



Dual video channels



7.0 inch display screen



Backup camera display



**BK-073A**

There are many with the same appearance, but this one in the industry has passed EMARK and FCC



### Rear Camera Display Mirror Monitor With **Auto dimming Parking sensor**

4.3 inch rear camera display mirror monitor with Auto-dimming



**AK-043LA-D/EK-043LA-D**

4.3 inch rear camera display mirror monitor with Manual Dimming



**AK-043LA-E/EK-043LA-E**

4.3 inch rear camera display mirror monitor with Parking Sensor



**EK-043LA-P4S4**

Rear view mirror with Parking Sensor



**EK-10LA-P5**



### Rear Camera Display Mirror Monitor With Compass and Temperature and Special custom function

4.3 inch rear camera display mirror monitor with Compass and temperature



**AK-043LA-CT/EK-043LA-CT**

RF Door remote rear view mirror monitor with Handsfree



**HD-HL**

4.3 inch rear camera display mirror monitor special for Onstar



**HK-043LA-Onstar**

4.3 inch rear camera display mirror monitor



**AK-043LA/EK-043LA**



- **Other Customized Rearview Mirrors**

**Face Identification Rear View Mirror:**

Related company built cameras into rearview mirrors to detect whether the driver is tired and who was driving;

**Rear Box Control Rear View Mirror:**

Car modification company will modify the pickup trunk, rear electric door, high power LED searchlight and other equipment, with our rearview mirror button control to check whether the rear electric door is closed or not, it will alarm in the rearview mirror if it is closed. The rearview mirror internal display is used to observe the rear and rear images of the vehicle.

**ETC Rear View Mirror:**

The high-speed charging module of the car is built into the rearview mirror.

**Parking Sensor and TPMS Rear View Mirror:**

Some reversing radar companies purchased our rearview mirrors, to display the information such as reversing radar and TPMS into the rearview mirrors, and issued warning sounds through speakers built in the rearview mirrors.



- **Special Customized Rear View Mirror Market**



American Chevrolet ONSTAR communication rear view mirror built in 4.3' LCD reverse camera display.



American School Bus Rear view mirror, which is a super big mirror with length 75CM built in 7" LCD monitor, 4-way 1080P video input and 360 panromantic camera, video recording function.



American police car rearview mirror developed by Los Angeles branch of Global Media, and will assemble and produce at the Los Angeles factory in the future.

There is a camera with a horizontal 360°, vertical 240°, super wide viewing angle camera 4K resolution, built-in WIFI, Bluetooth, DVR, laser recognition of the front license plate number, external 5G module networking, which is operated by a police laptop.



**Germid works with Sensata to display its tire pressure sensor in the rearview mirror**

**Sensata**  
Technologies

**MAGNA**



It's also a good optional assembly for the rear view mirror with parking sensor and TPMS display in other small countries.



### Universal cameras



CM174



CM175



CM805



GMD-6203



CM175-LED



CM280



CM600



SGUS50

### Truck cameras



GMD-804



GMD-809



GMD-901



GMD-902



### Specific cameras for certain car models



**T-6039**

Special for Subaru12-15 OUTBACK



**T-6024**

Special for Jeep 2010-2015 WRANGLER



**GMT-088**

Special for Ford F150



**GMD-6709**

Special for BENZ 13-15 GLK



**GMD-6911**

Special for Subaru 12-15 XV



**GMD-6543B**

Special for 3 Series/5 Series/X1/X3/X5/X6/M5



**T-6002**

Special for TOYOTA HIACE



**T-6032**

Special for volkswagen T4



**GMD-6802**

Special for 08-15 SUZUKI SX4 (tow-box)



**GMD-6019**

Special for 06-11 TOYOTA CAMRY (European)



**GMD-6522**

Special for Jaguar XF, XJ



**GMD-6597**

Special for Toyota 2008-2013 YARIS

\* More than 200 different kinds of backup cameras can be installed to different car brands perfectly.



### Brake light cameras



**GMD-SE-918**

Special for RAM PROMASTER cargos van



**GMD-17BL-FT**

Special for Ford Transit (2014-current)



**GMD-17BL-FD**

Special for Fiat Ducato, Peugeot Box, Citroen Jumper



**BR-RVC07-SC**

Special for Mercedes Sprinter 314cdi 2016 & VW Crafter from 2006 to 2016



**GMD-17BL-RT**

Special for Opel Vivaro 2014, Vauxhall Vivaro 2014, Renault Trafic 2014.



**GMD-17BL-PE**

Special for 2016 Peugeot Expert, 2016 Citroen SpaceTourer and 2016 Toyota ProAce



**GMD-17BL-VC**

Special for Volkswagen Caddy



**GMD-17BL-DP**

Special for Dodge promastre



**GMD-17BL-TC**

Special for Ford Transit Custom 2015



**GMD-17BL-RM**

Special for Renault Master/Opel Movano/Nissan NV400



**GMD-17BL-VCR**

Special for Volkswagen Crafter 2017



**GMD-17BL-ID**

Special for Iveco Daily 2011-2014



**GMD-17BL-MV**

Special for New Mercedes Vito 2016 model for one door with a big window(in US they call it Metris)



**GMD-17BL-VT**

Special for Volkswagen Transporter T5 and T6 models with double doors. (2010-current)



**GMD-17BL-RM**

Special for Mercedes Sprinter 314cdi 2016 & VW Crafter from 2006 to 2016



**GMD-17BL-TC-LED**

Special for Ford Transit Custom LED (2016.5-Current)



**GMD-17BL-UN20**

Slim & flat back housing universal



**GMD-SE-921**

Special for 2010-2017 Nissan NV200



**GMD-17BL-CR**

Special for Chevy Express



**GMD-SE-908**

Special for Fiat Ducato, Peugeot Box, Citroen Jumper



**GMD-SE-905**

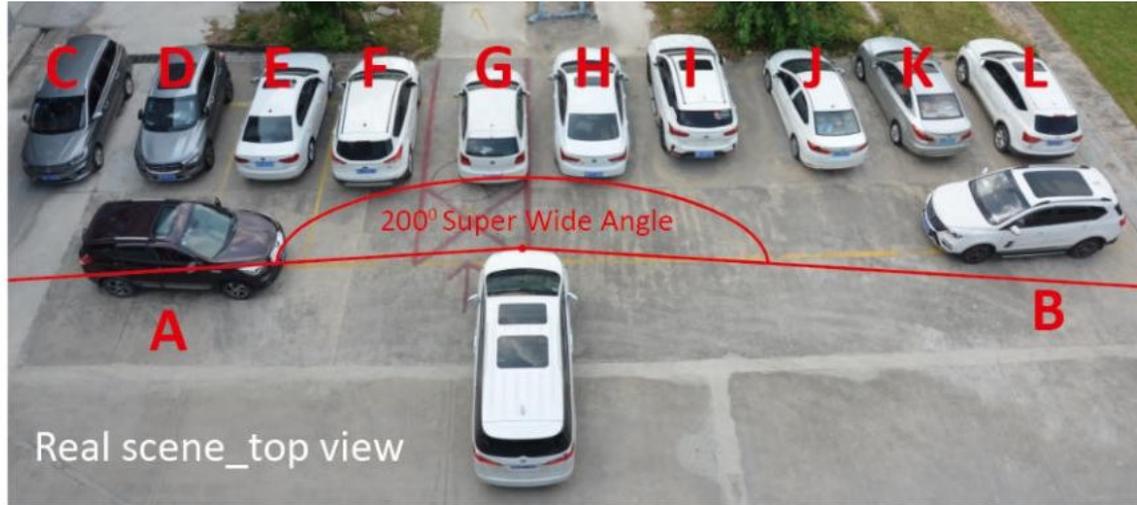
Special for Chevy Express

\* More than 30 different kinds of Sprinter brake light backup cameras can be installed to different car brands perfectly.





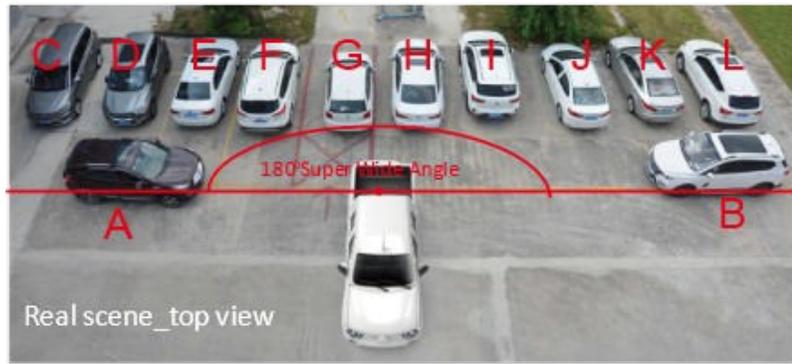
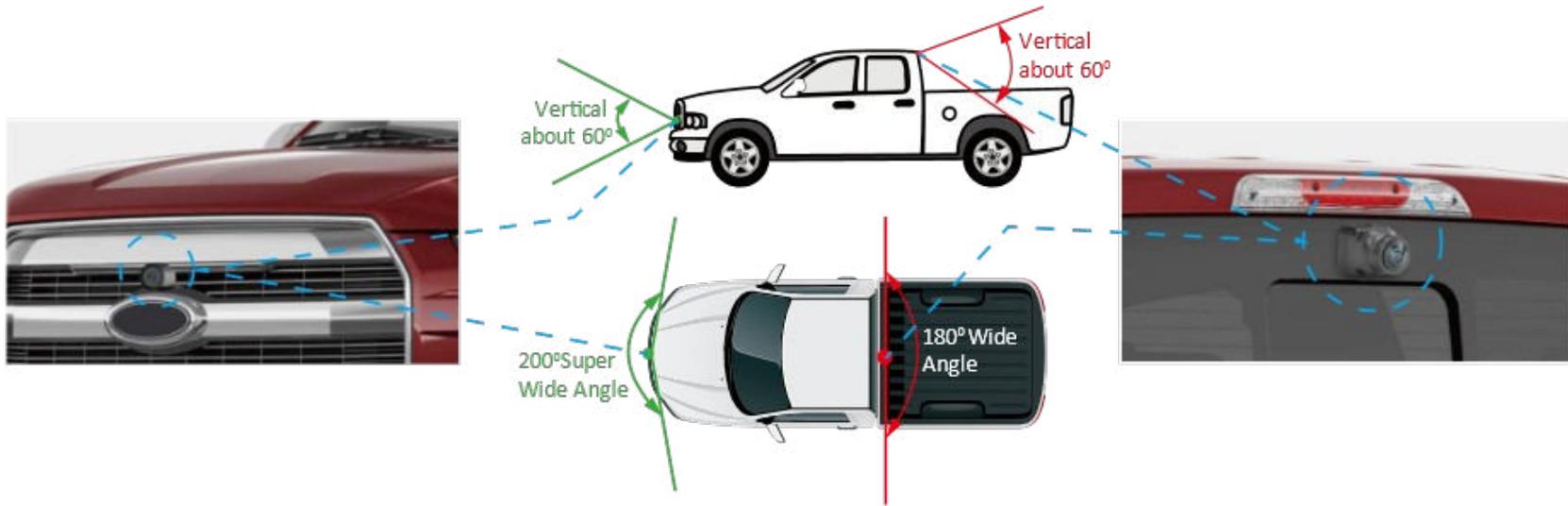
### Rear View Mirror Monitor with HD 160 Degree Fisheye Camera



Picture displayed in the mirror by front 160 degree camera.



### Rear View Mirror Monitor with HD 160 Super Wide Angle Camera



Picture displayed in the mirror by rear 160 degree camera



### Parking Sensor



**PZ300**

- Numeral and color LED display
- Alarm by three-step Bibi sound
- Left and right obstacle indication
- Numeral display from 2.0m to 0m



**PZ600**

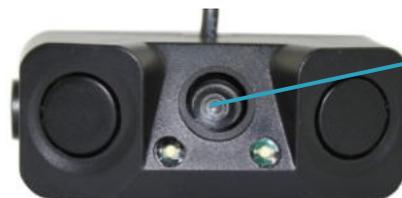
- Radar detection distance: 0.3 ~ 2.0m
- Ultrasonic frequency: 38kHz/40kHz
- Host operating temperature: -40°C to +85°C
- Buzzer volume: 65dB
- Probe installation method: drilling
- Probe diameter: 22mm



**AHD camera**

**PZ450**

- Mini Lumination: 0.1Lux
- Waterproof : IP67
- Detect distance : 0.3-2.0 m
- 1/3 CMOS High-definition image chip
- Total Pixels:720\*480 pixels
- Lens Angle: 170
- Alarm by Four-step bibi sound Volume: 65DB
- Display the distance and image of obstacles on the screen



**AHD camera**

**PZ451**

- Mini Lumination: 1.0 Lux
- Waterproof : IP67
- Detect distance : 0-2.0 m
- 1/3 CMOS High-definition image chip
- Total Pixels:720\*480 pixels
- Lens Angle: 170
- Alarm by Four-step bibi sound Volume: 65DB
- Display the distance and image of obstacles on the screen



### TPMS Pressure Monitor System



TP-100-B



TP-100-A



TP-200-B



TP-200-A

- Working Voltage: 2.1~3.6 V
- Working pressure: 0~99 Psi
- Transmit Frequency: 433.92 MHz
- Transmit power: <10dBm
- Pressure accuracy:  $\pm 1.5$ Psi
- Temperature accuracy:  $\pm 2^{\circ}\text{C}$
- Working temperature:  $-30\sim 80^{\circ}\text{C}$
- Storage temperature:  $-35\sim 85^{\circ}\text{C}$
- Battery life: 2 years (TP-100-B)
- Battery life: 4 years (TP-100-A)
- Battery life: 2 years (TP-200-B)
- Battery life: 4 years (TP-200-A)



iMirror

# After Market Product Introduction



## KEY FEATURERS

- (Model # HD-6031D) 1080p full HD Single channel dash camera universal type
- (Model # H2K-6031D) Real 2K Single channel dash camera universal type
- Universal design for all cars
- Front view 1080P full HD video
- Smart phone can View /save the recorded video through Wi-Fi connection
- Mounted by double-sided tape

  
Front full  
HD 1080P

  
Super  
night vision

  
Wi-Fi  
connect

  
Easy  
installation



  
Front 2K  
(Optional)

  
Rear 720P  
(Optional)

**HF-6031**

**H2K-6031**





## Black Box Hidden DVR with Wi-Fi

**HD-6021**



Ford Focus/Escort/  
Mondeo( before 2013  
version)

**HD-6028**



Ford Escape ( low  
configuration 2015)

**HD-6033**



Ford Mondeo ( low  
configuration 2015)

**HD-6070**



Ford Everest (2015)

**HD-6027**



Ford Edge  
( low configuration  
2015/2016/2017)

**HD-6062**



Ford Taurus  
(2015/2016/2017)

**HD-6063**



Ford Mondeo ( high  
configuration 2015)

**HD-6064**



Ford Edge  
( high configuration  
2015/2016/2017)



## KEY FEATURERS

- Single lens Dash camera with front view 1080P Full HD
- M1-H: 3 inch screen with manual button
- G1-H: 2 inch screen with manual button
- 140° camera wide viewing angle
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- G-Sensor built-in.
- Car charger / Hard wire optional. Only Hard wire support 24h parking monitor

 FHD 1080P    
  3 inch screen    
  Wi-Fi connect



**M1-H**

 FHD 1080P    
  2 inch screen    
  Wi-Fi connect

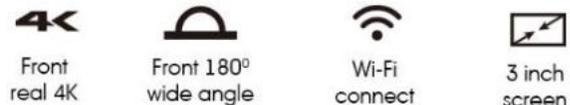


**G1-H**



## KEY FEATURERS

- Real 4K 830 Mega Pixel Dash camera single channel
- Front Real 180° wide viewing angle Sony sensor 415
- M1-4K: 3 inch screen with manual button
- G1-4K: 2 inch screen with manual button
- 24-Hour Parking Monitor (Only Support Hard wire)
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Support G-Sensor
- MP4 265 Format
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- Car charger / Hard wire power cable are optional



**M1-4K**



**G1-4K**



## KEY FEATURERS

- Interpolate 4K 830 Mega Pixel Dash camera Single channel video
- Front 140° wide viewing angle Sony image sensor 335
- 3 inch M1-FHD screen with manual button
- 24-Hour Parking Monitor (Only Support Hard wire)
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Support G-Sensor
- MP4 265 Format
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- Car charger / Hard wire power cable are optional

**4K**  
Interpolate 4K

  
3 inch screen

  
Wi-Fi connect



**M1-C4K**



## KEY FEATURERS

- Dual Channel dash camera with front view 1080p and the second video 720P
- The second video can be use for rear camera , Or fix in the cabin (inside car) to record passengers
- 3 inch screen with manual button
- 140° wide viewing angle
- 24-Hour Parking Monitor (Only Support Hard wire)
- Smart phone can View/ save the recorded video through Wi-Fi connection
- Support G-Sensor
- Maximize support 128GB
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- Car charger / Hard wire power cable are optional

FHD 1080P   
 Rear 720P   
 3 inch screen   
 Wi-Fi connect



M2-H

FHD 1080P   
 In-cabin IR camera 720P   
 3 inch screen   
 Wi-Fi connect



M2-H-TX



## KEY FEATURERS

- Real 4K Two Channel Dash camera Front view with the second video recording 1080P
- Front Real 180° wide viewing angle Sony sensor 415
- M2-4K: 3 inch screen with manual button
- G2-4K: 2 inch screen with manual button
- 24-Hour Parking Monitor (Only Support Hard wire)
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Support G-Sensor
- MP4 265 Format
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- Car charger / Hard wire power cable are optional

4K

Front real 4K

R

Rear 1080P

180°

Front 180° wide angle

Wi-Fi

Wi-Fi connect



**M2-4K**

4K

Front real 4K

R

Rear 1080P

180°

Front 180° wide angle

Wi-Fi

Wi-Fi connect



**G2-4K**



## KEY FEATURERS

- Real 4K Two Channel Dash camera Front view with the second video recording 1080P
- Front Real 180° wide viewing angle Sony sensor 415
- M2-4K-TX: 3 inch screen with manual button
- G2-4K-TX: No screen with manual button
- 24-Hour Parking Monitor (Only Support Hard wire)
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Support G-Sensor
- MP4 265 Format
- Mounted with magnets and has reliable adhesion. Also provide additional 3M glue. Both method can be used
- Car charger / Hard wire power cable are optional



**M2-4K-TX**



**G2-4K-TX**



iMirror

# After Market Product Introduction



## KEY FEATURERS

- Three video channel dash camera built in 4.0INCH factory replacement rearview mirror
- Front-view camera 1080P recording, In-cabin camera with infrared (IR) and Rear view camera
- Integrated 3inch screen in 320x240 resolution.
- Super night vision
- Smart phone can View/save the recorded video through Wi-Fi connection
- Maximize support 128GB memory
- 24-Hour Parking Monitor



FHD  
1080P



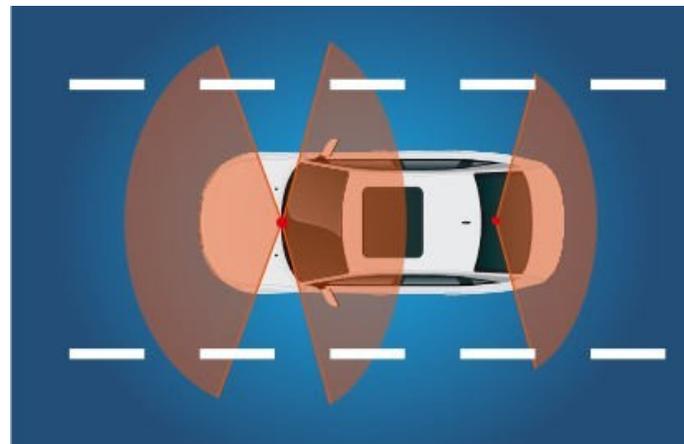
In-cabin IR  
camera 720P



Rear  
720P



Wi-Fi  
connect





### Clip on Full Display HD Driving Recorder



OEM Replacement Bracket



Universal Clip on Model, easy Installation

### 9.6" 1080P Full Screen Streaming Media

- Full Screen
- Front & Rear Recording
- Soft Screen Display
- One Touch Button
- Front 1080P Recording
- Back up Camera Display
- Super Night Vision.
- Water-proof Rear Camera
- Parking Monitoring
- G-sensor
- Dual Core Processor
- Loop Recording
- Car-level Streaming Media Rear View Mirror
- Sextuple Visual Filed



iMirror

# After Market Product Introduction



## KEY FEATURERS

- Dual lens dash camera records Front 1080 and Rear 1080
- Clip on original mirror with Universal design for all cars
- Model BV-E is economical solution . no Wi-Fi .
- Model BV-N is FHD cost effective ,with Wi-Fi connection
- 9.66inch Full display LCD monitor
- Front 140° wide viewing angle and rear 110°
- Smart phone can View/ save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Li-battery built-in
- Powered by Car charger



**BV-E**



**BV-N**





iMirror

# After Market Product Introduction



## KEY FEATURERS

- BV-2K: 2K high definition dash camera with dual channel Front Sony sensor 1440P and Rear 1080p
- BV-4K: 4K high definition dash camera with dual channel, front Sony sensor 2160P and rear 1080p
- Clip on with Universal design for all cars
- 9.66 inch LCD monitor high brightness 800cd/m2
- Front 130° wide viewing angle Sony sensor 335
- Smart phone can View /save the recorded video through Wi-Fi connection
- Maximize support 128GB
- Li-battery built-in, powered by Car charger
- Support G-sensor
- Support Time lapse
- Support stream media mode
- Support backlight Adjustment Manual/Auto

**F** Front 2K  
Sony 335 sensor

**R** Rear 1080P  
Sony 307 sensor

9.66" full  
display screen

Wi-Fi  
connect



**BV-2K**

**4K** Front real 4K  
Sony 415 sensor

**R** Rear 1080P  
Sony 307 sensor

9.66" full  
display screen

Wi-Fi  
connect



**BV-4K**





## 2.4G Anti-interference, Beating Frequency Car Review Mirror and Car Monitor



WL-043



WL-050



WL-070



Car high-grade anti-interference wireless camera

WM-01



Truck high-grade anti-interference wireless camera

BM-01



High-grade anti-interference License Plate wireless camera

Non-professional people can also complete the installation in 5 minutes without manual wiring.

FM-01



## Win CE Navigation Rear view Mirror Monitor

OEM styled replacement rear view mirror with GPS navigation. This mirror monitor bundles a whole range of features into one unit. It acts as a rear view mirror, displays the backup camera, comes with complete GPS Navigation (from IGO) and has full Bluetooth capabilities. This monitor will direct you to your destination with the safety of a backup camera and the ease of hands free Bluetooth.



JM-043LA

- 4.3" ultra-high brightness screen
- Touch screen button
- Backup camera display
- Navigation
- Handsfree
- Automatic brightness adjustment
- Adjustable guide line
- Two video inputs
- WinCE System
- OEM replaceable bracket

## Built-in 2.4G Wireless Receiver 4.3" Car Review Mirror and Car Monitor



**Model: AWI** (OEM Replacement Bracket)

**Model: BWI** (Universal Clip on Model, easy Installation)

- 2.4G wireless digital, reliable signal transmission
- 4.3" high brightness car monitor with auto brightness adjustment
- High Brightness 1000cd/m2
- Free from the interference of WIFI, Bluetooth, etc..
- Transmission Range: >=100m.
- Image Quality:30f/s max, 480\*272(ov)
- Extremely short video delay:120ms Max.
- Automatically turn on once reverse gear is engaged.





## KEY FEATURERS

- 2.4G wireless analog transfer with OEM replacement rear view mirror
- SUPER Easy installation, the camera does not need to be wired from the front to the back of the car.
- High brightness mirror : 1000-1200 cd/m<sup>2</sup>
- Screen: 4.3" TFT LCD monitor
- Resolution: 480 x 272
- Backup camera display automatically Wireless analog Stable transmission
- One video input for CVBS(Equipped with Equipped with transfer box) Wireless Camera

- 2.4G  
2.4G Wireless transmission
- IP68  
waterproof
- Easy  
installation
- Backup  
camera display



AK2-043LA-AWI

- 2.4G  
2.4G Wireless transmission
- IP68  
waterproof
- Easy  
installation
- Backup  
camera display



AK2-043LA-AWI



## KEY FEATURERS

- 2.4G wireless signal
- Reliable analog signal stable transmission
- 4.3 inch TFT-LCD high brightness display monitor
- Transmission range: <=100m (Open space)
- Extremely short video delay: 120ms Max
- Automatically turn on once reverse gear is engaged
- Image quality: 30f/s max, 480\*272(ov)
- one video input for 110° VGA camera

- 2.4G wireless transmission
- IP68 waterproof
- 0.1 lux night vision
- Wide view angle



MO-043A

- 2.4G wireless transmission
- IP68 waterproof
- 0.1 lux night vision
- Wide view angle



MO-050A



iMirror

# After Market Product Introduction



## KEY FEATURERS

- 2.4G wireless digital transfer with OEM replacement rear view mirror
- SUPER Easy installation, the camera does not need to be wired from the front to the back of the car.
- High brightness mirror : 1000-1200 cd/m<sup>2</sup>
- Screen: 4.3" TFT LCD monitor
- Resolution: 480 x 272
- Backup camera display automatically Wireless digital Stable transmission
- One video input for CVBS(Equipped with transfer box)/Wireless Camera

2.4G  
Wireless  
digital

Stable  
transmission

Easy  
installation

Backup  
camera display



AK2-043LA-DWI





### KEY FEATURERS

- MO-050D: 2.4G Wireless backup camera kit with stable digital 5 inch high brightness display monitor
- MO-043D: 2.4G Wireless backup camera kit with stable digital 4.3 inch high brightness display monitor
- Back up camera display automatically
- 2.4G Wireless digital Stable transmission
- Resolution: 480 x 272RGB(MO-043D)/ 800 x 480RGB(MO-050D)
- Free from the interference of WIFI, Bluetooth, etc..
- One video input for 110° camera
- SUPER Easy installation, the camera does not need to be wired from the front to the back of the car.
- Monitor powered by cigarette lighter, with suction cup mount, can be installed on any vehicle.
- With the wireless signal transmitter, there is no video cable to run from your backup camera to the monitor and no hard-wiring needed! The Mirror will start up once the car's engine is turned on.



MO-043D



MO-050D



## KEY FEATURERS

- MO-501: 2.4G Wireless backup camera kit with stable digital 5 inch high brightness display monitor
- MO-043/AK-043LA-HDWI: 2.4G Wireless backup camera kit with stable digital 4.3 inch high brightness display monitor
- Back up camera display automatically
- 2.4G Wireless digital Stable transmission
- Resolution: 480 x 272RGB(MO-043,AK-043LA-HDWI)/ 800 x 480RGB(MO-501)
- Free from the interference of WIFI, Bluetooth, etc..
- One video input for 110° camera
- SUPER Easy installation, the camera does not need to be wired from the front to the back of the car.
- Monitor powered by cigarette lighter, with suction cup mount, can be installed on any vehicle.
- With the wireless signal transmitter, there is no video cable to run from your backup camera to the monitor and no hard-wiring needed! The Mirror will start up once the car's engine is turned on.



AK-043LA-HDWI



MO-501



MO-043





## GERMID PRODUCTS PRESENTATION FOR YOUR REFERENCE

- Check on website:
- [www.germid.com](http://www.germid.com) [www.imirror.com](http://www.imirror.com)
- Many new product please visit:  
<https://www.youtube.com/user/rearviewgps>



- 1-Experienced cooperation with car factory: Germid provides matched product to Toyota, GM, Ford and FIAT etc. After know pre-operational service market business, Germid master rear-view mirror safety standards for each car factory.

2-Quality of product: The rearview mirror produced by Germid passes the DOT, FCC, E-mark, C-tick, RoHS, ADR, SASO, 3C and many other international certifications. The quality is assured.





- Efficiency on product development: GERMID is unique and efficient on new product development, almost any new electronic function, GERMID is the first one to complete in industry.
- Mounting bracket system : GERMID possess matched bracket which could suit to the most type of car. Cooperate with other company, only 70% type of car could support. moreover, these bracket and installation may not compliance with regulations and safety requirements of car factory. Cooperate with GERMID, we can support most of car almost 90%.In addition, every our bracket assemble with rearview mirror, they are approved and comply with regulatory and safety regulations of car factory.



- A variety of electronic functions: GERMID can provide many of electronic functions, such as rear view display, navigation, driving recorder, car Canbus, parking sensor, auto-dimming and TPMS warning.





- **Customer resources of the global aftermarket** : customers of GERMID spread all over the globe, therefore, costs on any type of product can be shared by numerous customer.
- **Control on shared cost of product** : since GERMID have formed a complete and sound chain about electronic rearview mirror. So, when possessing the same quality level, the same function, the same approved requirement. GERMID cost on product is far less than any other competitor. Because of GERMID have almost arrive the extreme on shared cost of product.
- **The core patented technology** : GERMID possess various patent about 12 types. This is fundamental for us to have a place in global electronic rearview mirror business. In some countries and regions that mirror sold at higher profits, there is very strict patent review, but GERMID do a good job ease in Germany and America .
- **GERMID is approved** : Currently, among the electronic rearview mirror company in the Chinese mainland, GERMID do the best in legality. In order to legally, constantly give up a lot of vested interests. This will lay the foundation of access to more high-end system and long-term development for the company .



- The comprehensive advantages of Germid

- Experience in cooperating with Car factory
- Effective product development
- Responsible attitude to the product
- Quality of product
- Approved company
- Global aftermarket customer resources
- The mounting bracket system
- The core patented technology
- Apportion for low costs
- Various electronic function for choose

When purchasing a rear view mirror, Germid offers superior quality and functions at a more competitive price. Germid products meet or exceed all safety and licensing requirements offering better protection for drivers.



iMirror

Thanks for watching



Thanks !

