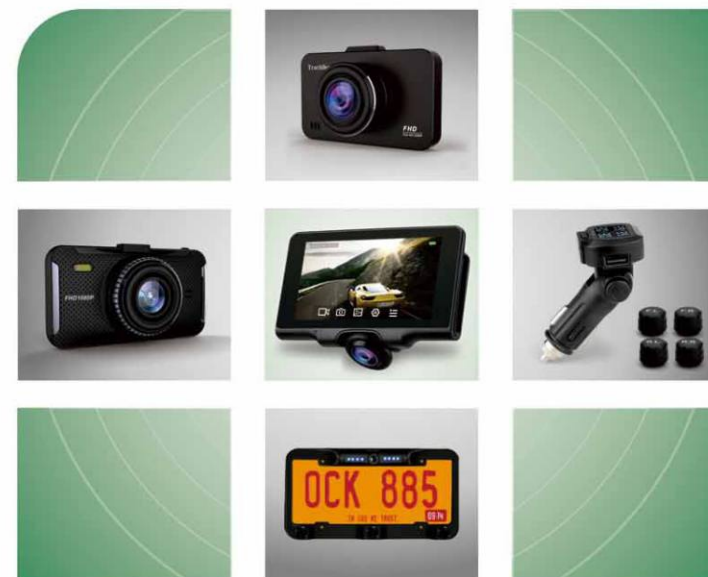




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Trochilus

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**Shenzhen Sunway Industry Co., LTD**

**amfori BSCI**

Trade with purpose  
ISO/TS16949 Audited Manufacturer



## COMPANY PROFILE

Established in 2001, Shenzhen Sunway Industry Co., Ltd. is a professional manufacturer in car electronics industry, such as **Dash Camera, TPMS, Parking Sensor, Car Camera & Monitor, Car Entertainment System.**

With Industrial Zone in Hunan Province, headquarter in Shenzhen, and up to 300 employees, Sunway's monthly output is 800,000 pieces with current export of 80% of all products. We export to over 80 countries and regions, especially USA, EU, Russia, Australia, Japan, Mexico, Brazil, Southeast Asia etc. Most clients are famous all over the world, such as **Wai-Mart, AMAZON, RUSTA, ALDI, SHO-ME**, ect.

We have a skilled R&D team and be able to process OEM/ODM orders. We provide products with high quality, shortest delivery time, competitive price and more professional service.

As an **ISO9001** certified company and **BSCI** factory, with CE, E-MARK, FCC approval, we continuously work with overseas partners to strengthen our position in the global market.

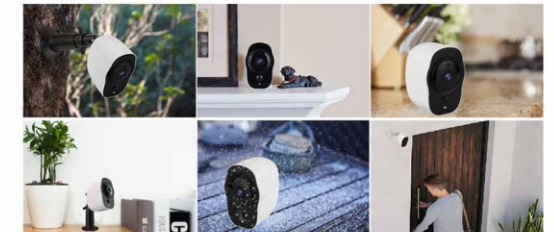
## Qualification & Honor



# HD WIFI IP CAMERA W/ BATTERY HE01



- Simple Setup & Operation
- 24/7 Monitoring
- Vibrant FHD Video Quality
- Two-Way Audio
- Stylish and Durable Design for Indoor and Outdoor Applications
- Local and Cloud Storage Options
- Motion-Activated FHD Video Alerts
- Superior Night Vision
- Siren Alert



## Dash Camera (DVR)

**PI 50**

Shrink video to 1 FPS for parking monitoring



High Quality Private Mould



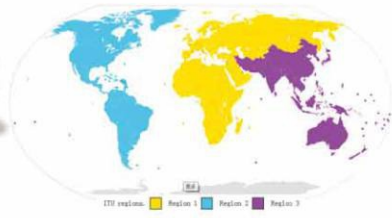
## Dash Camera (DVR)

**84T68**

GPS Positioning GPS Tracking  
RMOH(Remote Monitoring) RVC(real-time video)  
More People Share by Car-assist  
Multi-language App Customize device language



180° rotation



MODEL	CONFIGURATION	SPECIFICATION / HIGHLIGHTS	SPECIAL POINTS SHOW
-------	---------------	----------------------------	---------------------

IP50-RVG



- Shrink video to 1 FPS while parking monitoring status
- GPS Tracking Playback Function
- 360° Panorama Record, Outstanding Parking Monitoring
- PSS270+A33, WDR, HD1080P, SuperVideo Clarity in Dark
- Dual Record; Rearview Reversing
- Power by Car Battery with Voltage pumpdown Protect Cable, No Battery, No Explosion!



IP50-RG



- Shrink video to 1 FPS while parking monitoring status
- GPS Tracking Playback Function
- 360° Panorama Record, Outstanding Parking Monitoring
- PSS270+A33, WDR, HD1080P, SuperVideo Clarity in Dark
- Dual Record; Rearview Reversing
- Power by Rechargeable Lithium Battery



IP50-RV



- Shrink video to 1 FPS while parking monitoring status
- 360° Panorama Record, Outstanding Parking Monitoring
- PSS270+A33, WDR, HD1080P, SuperVideo Clarity in Dark
- Dual Record; Rearview Reversing
- Power by Car Battery with Voltage pumpdown Protect Cable, No Battery, No Explosion!



IP50-R



- Shrink video to 1 FPS while parking monitoring status
- 360° Panorama Record, Outstanding Parking Monitoring
- PSS270+A33, WDR, HD1080P, SuperVideo Clarity in Dark
- Power by Rechargeable Lithium Battery
- Dual Record; Rearview Reversing



MODEL	SHELL / CORE	SPECIFICATION / HIGHLIGHTS
-------	--------------	----------------------------

86T68A-4G



- Controller: M6735, Android 5.1; 4G for 5 Frequency Bands
- Dash Cam with dual Record, Front1080°1920, Back 720°1280
- Support: GPS Navigation, FM, BT, Wifi, Rearview Reversing
- 6.86 inch HD TFT LCD touch screen(480°1280 Pixel)
- Shooting angle:120°Power by Rechargeable Lithium Battery
- Exclusive Base pedestal stand for Truck and trailer
- Special long cable of rear camera for choice: 15M or 28M
- Big Screen can Rotate for Optimal Position

86T68A-3G



- Controller: M6832, Android: 5.0; 3G for 2 Frequency Bands
- Dash Cam with dual Record, Front1080°1920, Back 720°1280
- Support: GPS Navigation, FM, BT, Wifi, Rearview Reversing
- 6.86 inch HD TFT LCD touch screen(480°1280 Pixel)
- Shooting angle:120°Power by Rechargeable Lithium Battery
- Exclusive Base pedestal stand for Truck and trailer
- Special long cable of rear camera for choice: 15M or 28M
- Big Screen can Rotate for Optimal Position

86T68B-4G



- Controller: M6735, Android 5.1; 4G for 5 Frequency Bands
- Dash Cam with dual Record, Front1080°1920, Back 720°1280
- Support: GPS Navigation, FM, BT, Wifi, Rearview Reversing
- 6.86 inch HD TFT LCD touch screen(480°1280 Pixel)
- Shooting angle:120°Power by Rechargeable Lithium Battery
- Exclusive Base pedestal stand for Truck and trailer
- Special long cable of rear camera for choice: 15M or 28M

86T68B-3G



- Controller: M6832, Android: 5.0; 3G for 2 Frequency Bands
- Dash Cam with dual Record, Front1080°1920, Back 720°1280
- Support: GPS Navigation, FM, BT, Wifi, Rearview Reversing
- 6.86 inch HD TFT LCD touch screen(480°1280 Pixel)
- Shooting angle:120°Power by Rechargeable Lithium Battery
- Exclusive Base pedestal stand for Truck and trailer
- Special long cable of rear camera for choice: 15M or 28M

**Dash Camera (DVR)**

**MS3**



MODEL	CONFIGURATION	SPECIFICATION / HIGHLIGHTS	SPECIAL POINTS SHOW	
MS3		<ul style="list-style-type: none"> <li>Video Resolution: HD 1296P (2K)</li> <li>Mstar + Sony323</li> <li>Lens: 6pcs Optical Glasses, 25mm Diameter</li> <li>Power: Lithium Battery</li> <li>Patent Shell, high temperature resistance Max 105°C</li> </ul>		
MS3W		<ul style="list-style-type: none"> <li>Wifi Function</li> <li>Video Resolution: FHD 1080P @ 30FPS</li> <li>Mstar + Sony323</li> <li>6G / 25mm Lens, Lithium Battery</li> </ul>	 	
MS3WG		<ul style="list-style-type: none"> <li>GPS Tracking Playback Function</li> <li>Wifi Function</li> <li>Video Resolution: FHD 1080P @ 30FPS</li> <li>Mstar + Sony323</li> <li>6G / 25mm Lens, Lithium Battery</li> </ul>	 	
MODEL	CONFIGURATION	SPECIFICATION / HIGHLIGHTS	SPECIAL POINTS SHOW	OPTIONAL PARTS
MS3R		<ul style="list-style-type: none"> <li>Video Resolution: HD 1296P</li> <li>Rear view Camera (VGA), Dual Record</li> <li>Rearview Parking while Reversing</li> <li>More Different Rearview camera for Choice</li> <li>6G/25mm Lens, Lithium Battery</li> <li>Mstar + Sony323</li> </ul>		
MS3V	 NTK96658 Sony323	<ul style="list-style-type: none"> <li>Video Resolution: FHD 1080P</li> <li>Rear view Camera (VGA), Dual Record</li> <li>Rearview Parking while Reversing</li> <li>Ultrasonic sensor detect distance: 0.3-1.8M</li> <li>Parking Sensor for Choice</li> <li>6G/25mm Lens, Lithium Battery</li> <li>NTK96658 + Sony323, WDR/HDR</li> </ul>		   

**Dash Camera (DVR)**

**4M58**



MODEL	CONFIGURATION	SPECIFICATION / HIGHLIGHTS	SPECIAL POINTS SHOW	OPTIONAL PARTS
4M58R		<ul style="list-style-type: none"> <li>Video Resolution: HD 1296P</li> <li>Rear view Camera (VGA), Dual Record</li> <li>Rearview Parking while Reversing</li> <li>More Different Rearview camera for Choice</li> <li>6G/25mm Lens, Lithium Battery</li> <li>Mstar + Sony323</li> </ul>		
4M58V		<ul style="list-style-type: none"> <li>Video Resolution: FHD 1080P</li> <li>Rear view Camera (VGA), Dual Record</li> <li>Rearview Parking while Reversing</li> <li>Ultrasonic sensor detect distance: 0.3-1.8M</li> <li>More Different Rearview Video</li> <li>Parking Sensor for Choice</li> <li>6G/25mm Lens, Lithium Battery</li> <li>NTK96658 + Sony323, WDR/HDR</li> </ul>		  
4M58RTP		<ul style="list-style-type: none"> <li>Tire Pressure Monitor System (TPMS)</li> <li>Video Resolution: HD 1296P</li> <li>Rear view Camera (VGA), Dual Record</li> <li>Rearview Parking while Reversing</li> <li>More Different Rearview camera for Choice</li> <li>6G/25mm Lens, Lithium Battery</li> <li>Mstar + Sony323</li> </ul>		
4M58WG		<ul style="list-style-type: none"> <li>GPS Tracking Playback Function</li> <li>Wifi Function</li> <li>Video Resolution: FHD 1080P @ 30FPS</li> <li>Mstar + Sony323</li> <li>6G / 25mm Lens, Lithium Battery</li> </ul>	 	
4M58		<ul style="list-style-type: none"> <li>Video Resolution: HD 1296P (2K)</li> <li>Mstar + Sony323</li> <li>Lens: 6pcs Optical Glasses, 25mm Diameter</li> <li>Power: Lithium Battery</li> <li>Patent Shell, high temperature resistance Max 105°C</li> </ul>		

## Dash Camera (DVR)

### CPN-A



- Private Patent Zinc alloy shell for outstanding heat dissipation
- Full HD 1080P@30FPS, HDR, (NTK96650+Sony323)
- High Quality Image Sensor and Fill-in light for outstanding night video clarity
- Voltage: 12-24V (1.5A) Car adapter with charging cable, Size: 89\*51\*33mm
- Big Camera Lens(Diameter 1" ) for HD Video, Ultra-wide-Angle Camera lens provides multi-lane coverage
- Gravity sensing, Motion detection, Parking monitor, License plate watermark, Quadraple 20mm(4X) for photograph



### CG-33



- Fill in Lights for Night Video Clarity
- TFT screen 2.4"
- 12-24V Car Adapter with Charging Cable
- Suction Cup Mount Swivels for Optimal Position
- Hands-free Auto ON/OFF



### CE1247



- 1080P or 720P for High Definition Video Recording
- 120° Camera Lens Provides Multi-lane Coverage
- IR lights for Outstanding Night Video Clarity
- TFT screen 2.4" for Display. Video Format: AVI
- 12-24V (800mA) Car Adapter with Charging Cable
- Suction Cup Mount Swivels for Optimal Position
- Hands-free Auto ON/OFF
- Size: 75\*53\*26mm. Rubber Black Color



## Dash Camera (DVR)

### 34MM

### 34MS



**34MS-FHD 34MM-FHD**  
FHD 1080P @ 30 FPS  
Mstar8328P+Sony323



**34MS-HD-SL 34MM-HD-SL**  
HD 1080P @ 24 FPS  
GP6248+SC2363+IPSS3  
Starlight Nightvision



**34MS-HD 34MM-HD**  
HD 1080P @ 24 FPS  
GP6248+H62+IPSS3.0



### MINI2



- FHD 1080P @ 30 FPS, NTK96658+Sony323
- Wifi Connection to APP
- Lens can adjust up/down for Optimal Position
- TFT screen 2.0" for Display
- 12-24V Car Adapter with Charging Cable



### XTY3



#### DASH CAM W/ 3 EYES & IPS 4.0" TFT

- 1080P / 720P(Two recording modes) for Front Camera Video Recording
- Besides Main Camera for Front, OtherTwo Cameras for Inside & Backup
- 120° Lens Provides Multi-lane Coverage
- Rear View Function while Reversing; TFT screen 4.0"IPS
- 12-24V Car Adapter with Charging Cable



**06M-FI** IN-CAR MONITOR MIRROR CAMERA



Working as In-car Monitor, suitable for Taxi, Public Bus

**Y34-4K**



- Video Resolution(Front): **4K** AR0210+6G
- Rear view Camera **FHD 1080P** S323+6G HDMI
- Shrink video to 1 FPS while parking monitoring status

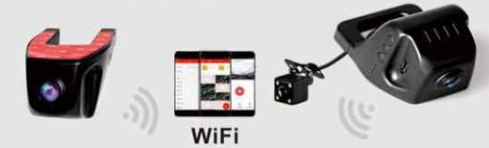
**WD55Y** DUAL RECORD DASH CAM W/ WIFI, 2.4" TFT

- FHD1080P for Front HD Video Recording
- With Backup Camera for Dual Recording
- With Wifi Transfer to APP
- No battery, no exposure, Power by special cable



**HS322** FHD 1080P DUAL RECORD DASH CAM W / WIFI

- WIFI Transfer with APP function, Dual storage by TF and APP.
- NT96658 Resolution+Sony322 Chipset.
- No Battery and No exposure, Power by special cable.
- FHD 1080P, 170°ultra wide angle with full glasses.
- Two models for choice: Dual Record(Front & Back) . Single Record(Only Front).



**PI45**

**360° DASH CAMERA**



**Panoramic Monitoring**  
Retain evidence of Extortion / scratch  
Man-made damage / Window theft  
/ Parking monitoring

- Panoramic 360° Recording for all-dimensional Monitoring
- 4 Optional Display Modes for 4 Different Occasion: (180° / 360° / Front & Back / 4 Channel)
- Record, Camera, Playback Functions Via Switch; English, Chinese, Japanese for choice
- All-dimensional Monitoring in "Parking" status (Parking-Monitoring starts 1 Minute late when car powers off, Recording 10' seconds each time, and 30 times at most)
- 4.5" HD IPS Touch Screen for Display Clarity and Picture Zoom

- Premium Camera can Rotate for Optimal Position. Ar0330 Image Sense & 7pcs Glasses for 3.0 M pixels.
- HD 1080P (All winner A33) for Main Record, Rearview Camera for Backup Record.
- Video Format: mp4 ( H.264 compression); Picture Format: JPG; Built-in Mic and Speaker.
- Storage Memory: up to 128G, 300mAh Battery; Support: G-sensor, One-Key-Lock;

**666-A**



**H9**



**EB223**



**CG-11**



**605W**



**606B**



Mirror Camera

06M



- Interpolation 1080P@24FPS (Front Camera)
- Rearview Function Starting when Reversing
- Voltage: 12-24V, Temperature: -20°~+70°C
- Shooting angle140°, 4.3" Screen
- Dual Record for Front & Rear
- Rearview Reversing Function



Mirror Camera

SS01



Special Bracket Matches Specific Car Mirror Mode, looks as original



MODEL	PICTURE	HEIGHLIGHTS	OPTIONAL REARVIEW CAMERA
06M-R	<p><b>DUAL RECORD MIRROR CAMERA</b></p>	<ul style="list-style-type: none"> <li>• Interpolation 1080P@24FPS (Front Camera)</li> <li>• Rearview Function Starting when Reversing</li> <li>• Voltage: 12-24V, Temperature: -20°~+70°C</li> <li>• Shooting angle140°, 4.3" Screen</li> <li>• Dual Record for Front &amp; Rear</li> <li>• Rearview Reversing Function</li> </ul>	
06M-V	<p><b>MIRROR CAM W/ VIDEO PARKING SENSOR</b></p>	<ul style="list-style-type: none"> <li>• Working as Video Parking Sensor when reversing</li> <li>• Colorfully display the directions and distance of barrier, and warn with buzz beeper</li> <li>• Dual Record for Front &amp; Rear Image, 1080P / 24fps (Front)</li> <li>• Detect Distance of 4 Ultrasonic Sensors: 2.2~0.3 Meters</li> </ul>	<p>SS01-EULPVP5-R</p> <p>ZHW1-R</p> <p>OSLP-YPS-R</p>

MODEL	PICTURE	HEIGHLIGHTS	OPTIONAL REARVIEW CAMERA
SS01-R	<p><b>DUAL RECORD MIRROR CAMERA WITH SPECIAL BRACKET</b></p>	<ul style="list-style-type: none"> <li>• Interpolation 1080P@24FPS (Front Camera)</li> <li>• Rearview Function Starting when Reversing</li> <li>• Voltage: 12-24V, Temperature: -20°~+70°C</li> <li>• Shooting angle140°, 4.3" Screen</li> <li>• Dual Record for Front &amp; Rear</li> <li>• Rearview Reversing Function</li> </ul>	
SS01-V	<p><b>SPECIAL MIRROR CAMERA WITH VIDEO PARKING SENSOR</b></p>	<ul style="list-style-type: none"> <li>• Working as Video Parking Sensor when reversing</li> <li>• Colorfully display the directions and distance of barrier, and warn with buzz beeper</li> <li>• Dual Record for Front &amp; Rear Image, 1080P / 24fps (Front)</li> <li>• Detect Distance of 4 Ultrasonic Sensors: 2.2~0.3 Meters</li> </ul>	<p>SS01-EULPVP5-R</p> <p>ZHW1-R</p> <p>OSLP-YPS-R</p>

## TPCMU TPMS



Moving LCD Display

USB Charging Port


- Displayer can Move for optimal view angle
- USB Charging Port for Mobile Phone
- Tires' Pressure data Show on the Same LCD
- Real-time monitoring pressure & temperature
- Warning while low / high air pressure
- Warning while high temperature
- Set up sensor; learn new sensor ID code when replace sensor
- Monitoring Range: 14~94Psi (1~6.5 Bar)
- Suitable for four-wheel car models (even some business Vehicle)

Moving  
LCD Display

USB  
Charging Port

### TIRE PRESSURE MONITOR SYSTEM

## ROTATING & USB CHARGING TPMS MONITOR



USB Charging Port

Moving LCD Display


- Displayer can Move for optimal view angle
- USB Charging Port for Mobile Phone
- Tires' Pressure data Show on the Same LCD
- Real-time monitoring pressure & temperature
- Warning while low / high air pressure

F degree  
LCD Display


Electric  
LCD Display

Moving  
LCD Display

USB  
Charging Port



F degree & Psi pressure display at the same LCD at same time



Sensor's Electric quantity display, even warning if low volume

### TPCMU-E




PATENT

8.8

WIRELESS

AUTO

WARNING

USB

Working pressure: 0~99 Psi  
 Battery life: 24 months  
 Transmit Frequency: 433.92 MHz  
 Working Voltage: 2.1~3.6 V  
 Transmit power: <10dBm  
 IP: IP67  
 Working temperature: -30~80°C  
 Storage temperature: -35~85°C  
 Pressure accuracy: ±1.5Psi  
 Temperature accuracy: ±2°C  
 Dimension: 21mm(diameter)\*17mm(high)  
 Weight: 8.0g

### TPCMU-I




PATENT

8.8

WIRELESS

AUTO

WARNING

USB

Working pressure: 0~99 Psi  
 Battery life: >4years  
 Transmit Frequency: 433.92 MHz  
 Working Voltage: 2.1~3.6 V  
 Transmit power: <10dBm  
 IP: IP67  
 Working temperature: -40~120°C  
 Storage temperature: -45~125°C  
 Pressure accuracy: ±1.5Psi  
 Temperature accuracy: ±2°C  
 Dimension: 70mm\*53mm\*20mm  
 Weight: 30g

### TPCMU-EF




PATENT

8.8

WIRELESS

AUTO

WARNING

USB

Working pressure: 0~99 Psi  
 Battery life: 24 months  
 Transmit Frequency: 433.92 MHz  
 Working Voltage: 2.1~3.6 V  
 Transmit power: <10dBm  
 IP: IP67  
 Working temperature: -30~80°C  
 Storage temperature: -35~85°C  
 Pressure accuracy: ±1.5Psi  
 Temperature accuracy: ±2°C  
 Dimension: 21mm(diameter)\*17mm(high)  
 Weight: 8.0g

### TPCMU-IF




PATENT

8.8

WIRELESS

AUTO

WARNING

USB

Working pressure: 0~99 Psi  
 Battery life: >4years  
 Transmit Frequency: 433.92 MHz  
 Working Voltage: 2.1~3.6 V  
 Transmit power: <10dBm  
 IP: IP67  
 Working temperature: -40~120°C  
 Storage temperature: -45~125°C  
 Pressure accuracy: ±1.5Psi  
 Temperature accuracy: ±2°C  
 Dimension: 70mm\*53mm\*20mm  
 Weight: 30g



## SOLAR POWER TPMS

### SP1

- Power on by Solar Power Energy
- Colorful LCD displayer Showing directly
- Real-time monitoring the pressure & temperature
- Warning while low and high air pressure / high temperature
- Set up sensor: learn new sensor ID code when replace sensor
- Monitoring Range: 14~94Psi (1~6.5 Bar)
- Suitable for four wheel car models(even some business vehicle)
- Two Charging ways for main device: Solar Power / USB Charging



### Tire Pressure Monitor System

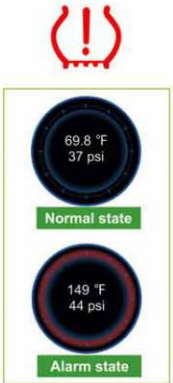


## APP BLUETOOTH TPMS

- App Display on Smart Phone(Android or Iphone)
- Signal from TPMS Sensors to Smart Phone Via Bluetooth
- Tires' Pressure data Shew on the Same Screen at the Same Time
- Real-time monitoring the pressure & temperature
- Warning while low and high air pressure / high temperature
- Setup can done on the Phone Easily
- Monitoring Range: 0~51Psi (0~3.5 Bar)
- Suitable for four-wheel car models(even some business auto)



Bluetooth connection



### SP1-E



### SOLAR POWER TPMS W/ EXTERNAL SENORS & LCD DISPLAY

- Working pressure: 0~99 Psi
- Battery life: 24 months
- Transmit Frequency: 433.92 MHz
- Working Voltage: 2.1~3.6 V
- Transmit power: <10dBm
- IP: IP67 Weight: 8.0g
- Working temperature: -30~80°C
- Storage temperature: -35~85°C
- Pressure accuracy: ±1.5Psi
- Temperature accuracy: ±2°C
- Dimension: 21mm(diameter)\*17mm(high)

### SP1-I



### SOLAR POWER TPMS W/ INTERNAL SENORS & LCD DISPLAY

- Working pressure: 0~99 Psi
- Battery life: >5 years
- Transmit Frequency: 433.92 MHz
- Working Voltage: 2.1~3.6 V
- Transmit power: <10dBm
- IP: IP67
- Working temperature: -40~120°C
- Storage temperature: -45~125°C
- Pressure accuracy: ±1.5Psi
- Temperature accuracy: ±2°C
- Dimension: 70mm\*53mm\*20mm
- Weight: 30g

### MODEL/NAME/PICTURE

### SENSOR TECHNICAL PARAMETER

### MODEL/NAME/PICTURE

#### BLEAPP-E

##### CAR BLUETOOTH TPMS W/ EXTERNAL SENSOR



Weight: 8g±1g \* 4

- Processor: 8 bits MOU/S08, Core: ARMMO
- Working Voltage: 3V
- Working Current: 540uA (Sleep current:2.4uA)
- Bluetooth working frequency:2.4GHz
- Bluetooth transmission power: 0 dBmMAX
- Display mode: App mode(Android4.3+, ios7.0+)
- Response time: ≤6s.
- Waterproof degree:IP67, Working humidity: 95%MAX
- Tire pressure range:0-99Psi
- Accuracy of tire pressure:±1.5Psi, Accuracy of temperature: ±2°C
- Working temperature:-30°C~+80°C
- Batter capacity: 140mAh (CR1632 for external sensor, over 2 years) (Calculating based on 4 hours of driving a day)

#### BLEAPP-M

##### MOTORCYCLE BLUETOOTH TPMS W/ EXTERNAL SENSOR



Weight: 8g±1g \* 2

#### BLEAPP-I

##### CAR BLUETOOTH TPMS W/ INTERNAL SENSOR



- Processor: 8 bits MOU/S08, Core: ARMMO
- Working Voltage: 3V
- Working Current: 540uA (Sleep current:2.4uA)
- Bluetooth working frequency:2.4GHz
- Bluetooth transmission power: 0 dBmMAX
- Display mode: App mode(Android4.3+, ios7.0+)
- Response time: ≤6s
- Waterproof degree:IP67, Working humidity: 95%MAX
- Tire pressure range:0-99Psi
- Accuracy of tire pressure:±1.5Psi, Accuracy of temperature: ±2°C
- Working temperature:-40°C~+125°C
- Battery capacity:345mAh (CR2050 for internal sensor, over 5 years) (Calculating based on 4 hours of driving a day)
- Weight: 30g±1g \* 4 (internal) (16g air nozzle not included)



Parking Sensor

VIDEO PARKING SENSOR FOR US DRIVING LICENCE PLATE

USLP-VPS



- System Turns ON/OFF automatically with Reversing (Hands-free auto ON/OFF)
  - Working Voltage: DC12V (9-16V range)
  - Ultrasonic Sensor detecting distance: 0.3-2.0 Meters
  - Sensors have waterproof & shockproof, anti-false function
  - Obstacle Image ,direction, and distance can be shown colorfully on TFT screen
  - Human Voice Warning with Feet Unit
  - Image Sensor: HD CMOS, View Angle: 110°
  - IR Lights for good night Clarity
  - Work temperature: -35 to 75 degrees Celsius
- 1/3 inch NTSC/PAL CMOS Image Sensor with 720x480 Pixel Array



• US License Plate Frame Device include

- Backup Camera with 8 IR lights \*1
- Ultrasonic Sensor \*3
- US License Plate Frame \*1
- Control Box for parking sensor \*1
- Integrated Cable



Parking Sensor

EULPVPS-B/F



VIDEO PARKING SENSOR FOR EU LICENCE PLATE

- Front or Backup Plate System Turns ON/OFF automatically with the gear status(Hands-free auto ON/OFF)
  - Working Voltage: DC12V (9-16V range)
  - Ultrasonic Sensor detecting distance: 0.3-2.0 Meters
  - Sensors have waterproof & shockproof, anti-false function
  - Obstacle Image, direction, and distance can be shown colorfully on TFT screen
  - BiBi Voice Warning with Distance Data displaying
  - Image Sensor: CMOS, View Angle: 100°
  - IR Lights for good night Clarity
  - Work temperature: -35 to 75 degrees Celsius
- 1/4 inch NTSC/PAL CMOS Image Sensor with 640x480 Pixel Array
- EULP-VPSP Includes: 2EU Licence Plate (One for front, another for backup) Each Plate includes:
  - Camera with 2 IR lights \*1
  - Ultrasonic Sensor \*2
  - EU License Plate Frame \*1
  - Two Plate Share the same control Box: \*2
  - Control Box for parking sensor \*1
  - Integrated Cable

VIDEO PARKING SENSOR FOR EU LICENCE PLATE

EULPVPS-B

- System Turns ON/OFF automatically with Reversing (Hands-free auto ON/OFF)
  - Working Voltage: DC12V (9-16V range)
  - Ultrasonic Sensor detecting distance: 0.3-2.0 Meters
  - Sensors have waterproof & shockproof, anti-false function
  - Obstacle Image ,direction, and distance can be shown colorfully on TFT screen
  - BiBi Voice Warning with Distance Data displaying
  - Image Sensor: CMOS, View Angle: 100°
  - IR Lights for good night Clarity
  - Work temperature: -35 to 75 degrees Celsius
- 1/4 inch NTSC/PAL CMOS Image Sensor with 640x480 Pixel Array
- Includes:
  - Backup EU Licence Plate \*1
  - Backup Camera with 2 IR lights \*1
  - Ultrasonic Sensor \*2
  - EU License Plate Frame \*1
  - Control Box for parking sensor \*1
  - Integrated Cable



## Parking Sensor

### INTEGRATED VIDEO PARKING SENSOR

- Convenient and simple installation to save cost
- Control Unit, Camera, Ultrasonic Sensors are Integrated
- Sensors: HD CMOS, View Angle: 110°
- Suitable for all kinds of economic vehicles
- Rated working voltage: 10~16V DC, Operating current: 20~200mA
- Operating temperature:-35~75°C, Detection Distance: 30~200cm

2IN1



3IN1



SW-8M8C-5



### COLORFUL VIDEO PARKING SENSOR

- Obstacle distance and Direction can be shown
- Visual and audible warning to prevent bumping
- Work automatically when reversing
- Alarm Type: BiBi warning sound
- Colorful TFT-LCD Mirror Displaying
- Detection Distance: 30~220cm

SW-235F8



### WIRELESS (2.4G) VIDEO PARKING SENSOR

- Wireless connection between TFT display and main unit
- Different TFT LCD displayers can be choose
- Work automatically when reversing
- Alarm Type: BiBi warning sound
- Working voltage: 10~16V DC Operating current: 20~200mA
- Operating temperature:-20~70°C, Detection Distance: 30~200cm

## Parking Sensor

### WIRELESS LED PARKING SENSOR

- Wireless connection between LED display and main unit
- With LED display indicating obstacle direction & distance
- Work automatically when reversing
- Alarm Type: BiBi warning sound
- Working voltage: 10~16V DC Operating current: 20~200mA
- Operating temperature:-20~70°C, Detection Distance: 30~200cm

SW-288-4



SW-298-4



SW-618F-8



### FRONT & BACK PARKING SENSOR

- 4 channels for front sensors, 4 channels for back sensors
- 8 Lcd bars show 8 sensors working status separately
- Visual and audible warning to prevent bumping
- Front sensors will work continually for 15 seconds once pressing car brake
- Detection Distance: 30~250cm(Back) 30~100cm(Front)
- Ultrasonic Frequency: 40±1KHz
- Work automatically, Operating temperature:-35~75°C
- Sensors Number: 4+2, 4+4

## Parking Sensor

### PICK-UP PARKING SENSOR

- RUBBER sensor, installed on steel bumper
- Sensors are waterproof & anti-shock, anti-false
- Suitable for all kinds of steel bumper vehicle
- Rated working voltage: 10~16V DC. Operating current: 20~200mA
- Operating temperature:-35~70°C, Detection Distance: 30~220cm
- Ultrasonic Frequency: 40±1KHz



### SW-858K-4RF



### OEM PARKING SENSOR

- Suitable for all kinds of vehicles
- Sensors are waterproof & anti-shock, anti-false
- OEM sensor, installed inside bumper, flat to the bumper, looks like original
- Rated working voltage: 10~16V DC. Operating current: 20~200mA
- Operating temperature:-35~70°C, Detection Distance: 30~200cm
- Ultrasonic Frequency: 40±1KHz

### SW-858K-01



### SW-858K-02



### SW-858-4



### LED PARKING SENSOR

- Colorful LED Display shows obstacle distance
- Attractive LED with switch
- Work automatically when reversing
- Detection Distance: 30~220cm
- Voltage: 12V DC(usually)
- Work temperature: -35 ~ 75°C

## Parking Sensor

### LED PARKING SENSOR

- Colorful LED Display shows obstacle distance
- Work automatically while reversing
- Voltage: 12V DC(usually)
- Work temperature: -35 to 75 degrees Celsius
- Detection Distance: 30~200cm



### SW-878



### SW-898MF



### LCD COLORFUL PARKING SENSOR

- Colorful LCD Display shows obstacle from all directions
- Work automatically when reversing
- Voltage: 12V DC(usually), 24V DC(customized)
- Work temperature: -35 to 75 degrees Celsius
- Sensors number can be 4, 6, 8
- Detection Distance: 30~220cm

### SW-818L



### SW-818F



### BUZZ PARKING SENSOR

- Buzzer indicates obstacle distance by beeping frequency changing
- No displayer, easy installation
- Voltage: 12V DC(usually)
- Work temperature: -35 to 75 degrees Celsius.
- Sensors number can be 4, 6, 8.
- Detection Distance: 30~220cm.

### SW-808F



### SW-808D



CONTROL BOX FOR CHOICE



LED DISPLAY FOR OPTION



ULTRASONIC SENSOR



SENSOR COLORS





**SW-JPC**  
with 4 lights



**MINI-BUS CAMERA**  
with night vision



**SW-NLP**  
Licence Plate Camera



**SW-225/360**  
360 degrees 22.5mm Camera



**SW-HD/UV**  
Honda Universal Camera



**SW-165H**  
D16.5mm Hole Camera



**SW-165GH**  
2 in 1 Multifunction Camera



**SW-SQG/8LED**  
with 8 LED lights



**SW-185GH**  
2 in 1 Multifunction Camera



**SW-185G**  
D18.5mm Hanger Camera



**SW-165G**  
D16.5mm Hanger Camera



**SW-BF/IR**  
IR Hanger Camera



**SW-BF/LP**  
Butterfly Licence Plate Camera



**SW-SLP**  
Short Licence Plate Camera



**SW-185H**  
D18.5mm Hole Camera



**SW-260H**  
D26mm Hole Camera



**SW-SQG/IR**  
IR Square Hanger Camera



**SW-SQG**  
Square Hanger Camera



**SW-LLP**  
Long Licence Plate Camera



**SW-EU/CP**  
EU Licence Plate Camera



**SW-US/NCP**  
US Licence Plate Camera



**SW-US/CP**  
US Licence Plate Camera



**SW-220H**  
D22mm Hole Camera



**SW-260H/K**  
D26mm Hole Camera



**SW-FMP1**  
Fish Mouth Pole Camera



**SW-KRP1**  
Korea Pole Camera



**SW-SQ/IR**  
IR Square Camera



**SW-EU/CPM**  
EU Licence Plate Camera 12L



**SW-230H**  
D23mm Hole Camera



**SW-SQH/IR**  
IR Square Hanger Camera



**SW-KRS2**  
Korea Screw Camera



**SW-3AN**  
3 Angle Camera



**SW-FMP2**  
Fish Mouth Pole Camera



**SW-SC**  
Turtle Camera



**SW-260G**  
D26mm Hanger Camera



**SW-B51**  
Bus Camera 1



**SW-B52**  
Bus Camera 2



**SW-B53**  
Bus Camera 3

**Car camera & Monitor**



**SW-SQG/TRIR**  
Tracking Camera with IR



**SW-185H/IL**  
D18.5mm Hole IR Camera



**SW-185F/IL**  
D18.5 mm Butterfly



Diameter 18.5mm 360° Mini Camera



2.4G Wireless Camera & Monitor



Conch Camera



2.4G Wireless Sender & Receiver

**CAR MONITOR 4.3"**

- 4.3" high definition TFT screen
- 2 Ways RCA input(V1/V2) for reverse camera and other (such as DVD). When reversing, the camera input will work automatically
- Can be used to monitor while driving
- The colorful mirror can connect any camera(sold separately)

**SW-43M**



**SW-43D/BS**



**SW-43D/F**



**Car camera & Monitor**

**SPECIAL MONITOR**

- 4.3" high definition TFT screen
- 2 ways RCA input(V1/V2)for reverse camera and other (such as DVD). when reversing, the camera input will work automatically
- Can be used to monitor while driving
- The colorful mirror can connect any camera(sold separately)
- Vehicle specific mounts are available for many brands of vehicles

**Brackets for choice**



**43D/S**

**43D/A**



The brightness is adjustable to environmental light automatically

**SW-70M**



**CAR MONITOR 7.0"**

- 7.0" high definition TFT screen
- 2 ways RCA input(V1/V2)for reverse camera and other (such as DVD), when reversing, the camera input will work automatically
- Can be used to monitor while driving
- The colorful mirror can connect any camera(sold separately)
- Mp5 and Bluetooth functions can be built-in (Optional)

**SW-4S70D**



**4 SEG**

**SW-70D**



**SW-70MD**



**SW-70M/PT**  
With MP5 & BT



**SW-70MD/PT**  
With MP5 & BT

**MMP07**



HD  
7.0"



**MP5 MULTIMEDIA PLAYER W/ NAVIGATION, MIRROR LINK, BT**

**MP5 MULTI-MEDIA PLAYER**

- Playing Mp5 & USB2.0 (Max64GB) TF Card (Max 256G)
- FM Radio (87.5MHz-108MHz)
- Bluetooth Fuction(Hand-free Phone & BT Music)
- Support Rearview Function when Reversing (cvbs input)
- Support GPS Navigation (Optional)
- Support Mirror Link (via USB connection) for Android (No for ios) (Optional)
- Multi-point Capacitive Touch Screen
- Support Screen: 7", 8", 9" Large Screen ( TFT, TN HD)
- Reliable All winner F1C500 Resolution, A10 Melis System (No Android System) for Quick-reaction. 552M Frequency,
- Support Remote Control
- Amplification Function
- Universal for Many All Car Modes
- Support Multi-decode Format

Video: RMVB/RM/FLV/3GP/MPEG/DVIX/XVID/DAT/VOB/AVI;  
Audio: MP3/WMA/WMV/OGG/APE/AAC/FLAC  
Picture: JPG/BMP/PNG

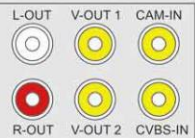
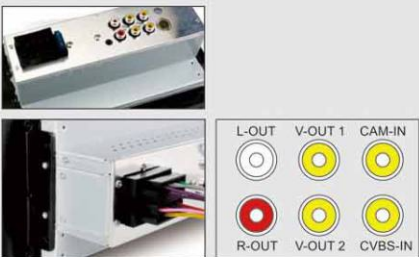
- Voltage: DC12V
- Working Temperature: -10°C ~ +60°C
- Storage Temperature: -20°C ~ +70°C
- Sleep Circuit: < 5mA
- Start Time: < 9 S

**MMP09**



HD  
9.0"

**LARGE HD SCREEN (9.0")**



**HD1080P 9.0" HEADREST DVD PLAYER**

- Video 1080P (MKV, MOV, VOB, H.264 Mp4), With DVD Player
- Multi-point Capative Touch Screen
- HD Screen, Display Mode: 16:9 Wide View Screen  
Display Resolution: 800(W)X3(RGB)X480(H)
- Built-in IR and FM Transmitter
- Built-in USB/SD/Dual Speakers
- Built-in 32-bit Wireless Game Function
- Along With Game Pad and Game Disc
- Video/Audio Input & Output
- Multi-language OSD: English, Spanish, Portugese, etc
- With USB Port, TF Card Slot
- With Pillow and Zipper, Black/Beige/Grey for Choice
- Power supply: DC 12V



**HD999T**



**HA1001T**



**HD 1080P 10.1" CLIP-ON HEADREST DVD PLAYER**

- Android System
- Slot-in Disc Loading
- Video 1080P (MKV, MOV, VOB, H.264 Mp4), With DVD Player
- Multi-point Capative Touch Screen
- HD Screen, Display Mode: 16:9 Wide View Screen  
Display Resolution: 1024\*600
- Bluetooth Function
- Built-in IR and FM Transmitter
- Built-in USB/SD/Dual Speakers
- Video/Audio Input & Output
- Multi-language OSD: English, Spanish, Portugese, etc
- With USB Port, TF Card Slot
- Multi-color Shell for Choice
- Power supply: DC 12V





7.0" TFT LCD HEADREST DVD PLAYER

- DVD Player
- Support MPEG4/DVD/DVCD/DVD+RW/DVD-RW..
- Display Mode: 16:9 Wide View Screen
- Display Resolution: 800(W)X3(RGB)X480(H)
- Built-in IR and FM Transmitter
- Built-in USB/SD/Dual Speakers
- Built-in 32-bit Wireless Game Function
- Along With Game Pad and Game Disc
- Video/Audio Input & Output
- Multi-language OSD: English, Portugese, Spanish, etc
- With/Without Zipper(Optional)
- Power supply: DC 12V

SW-228HD



7.0 INCH HEADREST MONITOR

207A



207K



207F



7"/9"/10.1"LCD DIGITAL PANEL

- Resolution: 800\*RGB\*480(7"/9") 1024\*RGB\*600(10.1").
- Power: DC 12V.
- Display mode: 16:9 or 4:3.
- Compatible with DVD/DVD-R/DVD+R/VCD/CD/CD-R/JPEG, etc.
- Two way AV inputs and One way AV output.



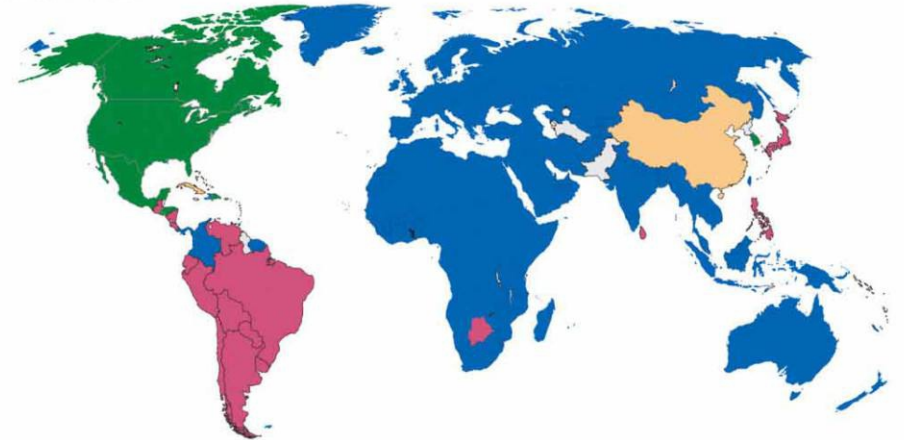
- Built-in USB/SDIR/FM transmitter, speakers.
- Wrapped with leather design.
- English OSD menu, multi-language available.
- Color: Beige, Black, Grey and Brown.



The diameter of the tube hole can be made as 10mm/11mm/12mm/13mm/14mm to fit different vehicles.

DIGITAL TV SIGNAL RECEIVING BOX

Compatible with common international standards to transmit digital pictures, sound and television program guide information



ATSC

ISDB-T

DTMB

DVB-T DVB-T2

ISDB-T

- Digital TV(ISDB-T)
- Support 1080P video format
- Support USB and PVR
- Support High Speed: 90-120Km/h
- Can with Wifi Transmitting for Wireless Connection
- Video output: CVBS and HDMI
- Two Antenna connector
- Full remote control



FULL SEG



ONE SEG



ISDB-T

- Digital TV(ISDB-T)
- Support 720P video format
- Support USB and PVR
- Video output: CVBS
- ONE Antenna connector
- Full remote control



**DVB-T**



**DVB-T MOBILE RECEIVER BOX**

- Support Standard: DVB-T(EN300744)
- Video: MPEG4/AVC/H.264/MP4/MPEG/AVI/ Divx
- Output: HDMI RF INx2,RCAX2 Multi-function Harness
- Frequency range: 170Mhz-860Mhz
- Power supply: DC12V-32V
- Size: 28.5Hx104.5Lx70.0Wmm
- Speed: 150km@64QAM



**FOR USA & NORTH AMERICA**

- AUTO, 16:9 Pillar Box, 16:9 Pan G Scan, 4:3 Letter Box, 4:3 Pan G Scan, 4:3 Full, 16:9 Wide Screen
- Video resolution: 480i/576i/480P/576P/720P/1080i/1080P
- Support teletext/subtitle/multi-language
- Powerful and highly effective 7-day EPG function
- Program parameters memorization when power off
- Can store up to 1000 TV/radio stations
- Can with Wifi Transmitting for Wireless Connection



**ATSC**



**DVB-T2**



**DVB-T2 MOBILE RECEIVER BOX**

- Support Standard: EN302755/DVB-TEN300744
- Speed: 120km-150km
- Output: HDMI RF INx2,RCAX2 Multi-function Harness
- Frequency range: 42Mhz-860Mhz
- Power supply: DC12V-32V
- Size: 28.5Hx104.5Lx70.0Wmm
- Video: MPEG4/AVC/H.264/MP4/MPEG/AVI/ Divx/MPG/Xvid/TS/ MOV/3GP/VOB
- Can with Wifi Transmitting for Wireless Connection



**WIRELESS BLUETOOTH HEADPHONE**

- Wireless Bluetooth headphones support Bluetooth 4.0
- Built-in microphone
- 3.5mm audio input
- Adjustable headband,Built-in rechargeable lithium-ion battery
- Frequency range: 2.4Hz-2.480GHz
- Bluetooth profiles: A2DP/AVRCP/HSP/HFP
- Standby time: Up to 360hrs
- Charging time: Approximately 2 hours
- Talking/music playing time: Approximately 8 hours
- Sound pressure level: 90±3dB
- Battery:250mA Li-polymer

**SW-8252**



Urban fashion smart headphone.Movable earmuff with sealing ring, bass stereo surrounding

Bluetooth 4.0

**SW-V6BT1**



Bluetooth 4.0

Urban fashion smart headphone. (patented design). Movable earmuff with sealing ring, bass stereo surrounding

**WIRELESS BLUETOOTH HEADPHONE**

- Wireless Bluetooth headphones support Bluetooth 4.0
- Built-in microphone
- 3.5mm audio input
- Adjustable headband,Built-in rechargeable lithium-ion battery
- Bluetooth version: CSR8635
- Frequency range: 2.4Hz-2.480GHz
- Bluetooth profiles: A2DP/AVRCP/HSP/HFP
- Standby time: Up to 360hrs
- Charging time: Approximately 2 hours
- Talking/music playing time: Approximately 12 hours
- Sound pressure level: 102±3dB
- Battery:400mA Li-polymer

**WIRELESS BLUETOOTH HEADPHONE**

- Wireless Bluetooth headphones support Bluetooth 4.0
- Built-in microphone
- 3.5mm audio input
- Adjustable headband,Built-in rechargeable lithium-ion battery
- Bluetooth version: CSR8635
- Frequency range: 2.4Hz-2.480GHz
- Bluetooth profiles: A2DP/AVRCP/HSP/HFP
- Standby time: Up to 360hrs
- Charging time: Approximately 2 hours
- Talking/music playing time: Approximately 12 hours
- Sound pressure level: 102±3dB
- Battery: 400mA Li-polymer

**SW-V8**

Bluetooth 4.0

Urban fashion smart headphone. Movable earmuff with sealing ring, bass stereo surrounding



**IR-2011**



**IR HEADPHONE**

**Dual Channel IR Wireless Stereo Headphone**

Mode:	Stereo
S/N:	≥60dB
Channel separation:	≥40dB
Distortion:	< 1%
Frequency response:	30-20,000 Hz
Power:	2 X R3 AAA
System:	Infrared light(850nm)
Carrier frequency:	A channel: L channel 2.3 MHz R channel 2.8 MHz B channel: L channel 3.2 MHz R channel 3.8 MHz
Modulation:	FM