mini0906 Dash Camera User Guide

mini0906

ExmorR STARVIS

User's Guide for
DASH CAMERA

Please read this manual carefully before using it.
This manual should be kept for future reference.
Warning:
The dash camera should be set up before driving.

Concentration should always be maintained on the task of driving.
Let the dash camera record accidents caused by others, not by yourself.

www.mini0906.com

Contents [hide

SPECIFICATION

camera specification

Novatek NT96663 chipset with 2GB DDR3
front camera SONY IMX290/291 2MP CMOS image sensor
front lens 145° diagonal view field F1.8 aperture
rear camera SONY IMX322/323 2MP CMOS image sensor
rear lens 135° diagonal view field F2.0 aperture
1.5inch TFT LCD panel screen
dual-channel recording 1080P30fps + 1080P30fps MAX
signal channel recording 1080P60fps MAX
H.264 coding MOV file format
supports microSD storage card up to 128GB exFAT format
supports Wide Dynamic Range boost
supports GPS trace logging (with built-in GPS mount)
supports G-sensor file protection
supports one-key SOS manual file protection
supports exclusive remote control for file protection or take photo
supports movement detection
supports temperature protection and real-time display
supports parking guard (with exclusive parking guard hardwire kit)
supports up-side-down mounting
supports HDMI output to HDTV to playback
support 160° vertical rotating and 6-degree horizontal offset
supports magnetic Circular Polarizing Filter (CPL)
built-in 5.4V 2.5F supercapacitor backup battery
camera box content (standard GPS version)
dash camera body
rear camera kit
6m length extend a cable for the rear camera
built-in GPS sticker mount
RF remote controller with VHB pad

2° and 4° angle mounting wedges
wedge mounting KB1.4*6mm screws
5V 2A cigar lighter charger
micro USB-USB data cable
cable clips
VHB sticker pads
VHB sticker removing the cord
lens cleaner
manual
optional: microSD card, 24mm CPL filter, Parking Guard hardwire kit, Parking Guard Power Kit, microSD-USB card reader, mini HDMI-HDMI cable

PC System Requirements
Windows XP or later operating system, MAC 10.1 or later
Intel Pentium 4 2.8GHz CPU or above (recommended 3GHz)
at least 2GB RAM or above (recommended 4GB)
internet connection (for GPS log playback)

The manual may be different from the camera according to the version update.

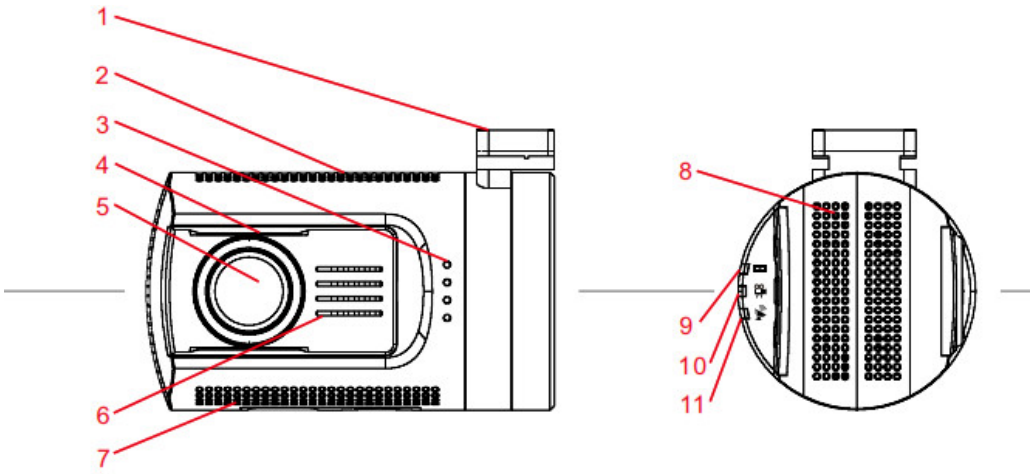
PRECAUTIONS

– Do not expose the dash camera to dusty, dirty, or sandy conditions, if these get into the camera or on the lens it can damage the components.
– The normal operating temperature of the dash camera is -10°C to 60°C (14°Fto 140°F), it is environment temperature (air temperature in the vehicle); and the storage temperature is -20°C to 80°C (-4°F to 176°F) environment.
Please refer to the temperature curve chart in the XXX section.
– Do not expose the dash camera to high temperatures.
High temperatures can shorten the life span of electronic devices, and extremely high temperatures will shorten the battery and/or degrade the plastic components. Please notice extreme temperatures can achieve 70°C (158°F) or even higher in parked vehicles under direct sunlight. Expose the dash camera in strong sunlight with Motion Detection mode or Parking Guard mode recording may cause the dash camera to malfunction or be damaged.
There is temperature protection in this camera which will shut the camera down when the camera temperature reaches 90°C (194°F) but please notice that is just an auxiliary method.
Keep the camera recording in high-temperature conditions will be at your risk.
– Do not expose the dash camera to a cold environment.
Extremely low temperatures can also damage the electronic components; if there is water moisture in a cold environment, freezing water can cause damage, as can thawing.
– Do not try to dismantle or open the casing. Doing so may result in electrical shock and will most likely result in damaging the dash camera. Dismantle the camera will make it out of warranty.
– Do not mistreat the dash camera, dropping, sudden impact, and vibration can cause damage.
– Do not clean the dash camera with chemicals, cleaning solution, or a high concentration detergent. Only a slightly damp cloth should be used.

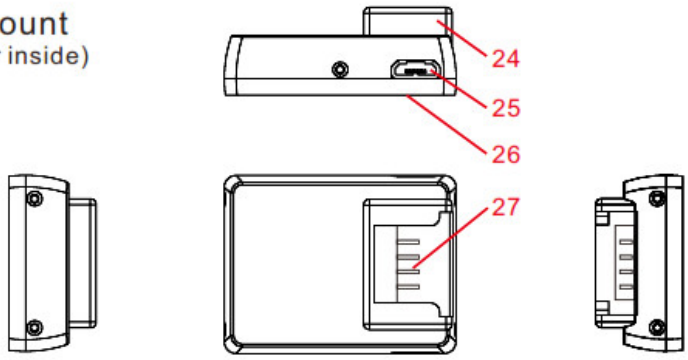
UPGRADING

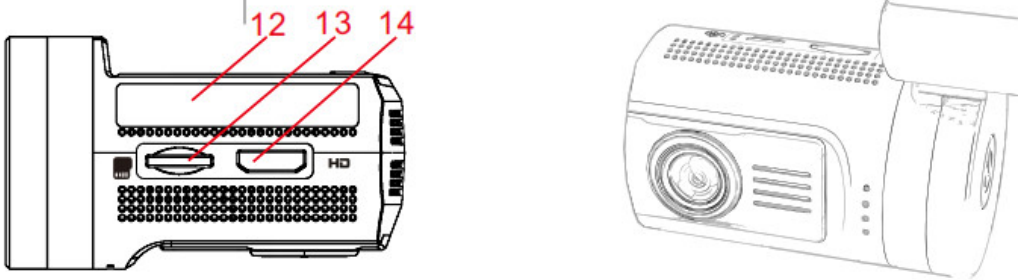
Please download the latest firmware from **www.mini0906.com** to upgrade the camera for improved stability and extra functions.
Extract the FIRMWARE.BIN file to the root folder of your microSD card; insert the card into your dash camera and power on. The camera will auto examine the FIRMWARE.BIN file and start upgrading with the LED blinking but blank screen. then the camera will automatically reboot to recording after upgrading is finished.
Enjoy~
The FIRMWARE.BIN file will be automatically deleted after upgrading to avoid repeated upgrading when the next boot up.

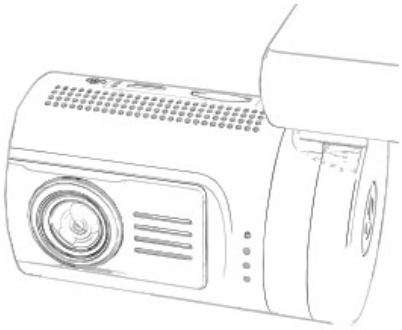
APPEARANCE

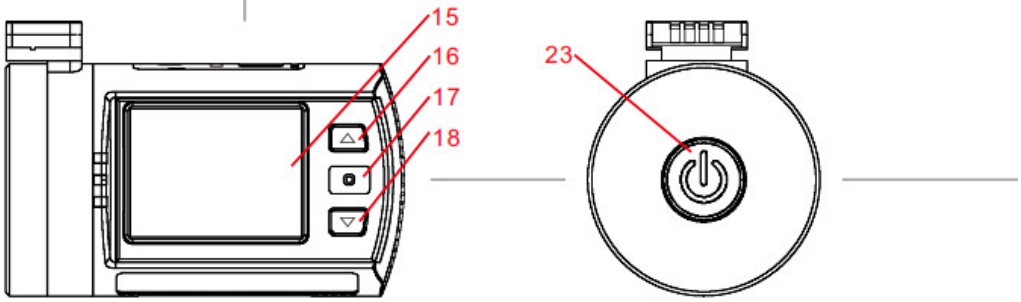


sticker mount
(GPS logger inside)

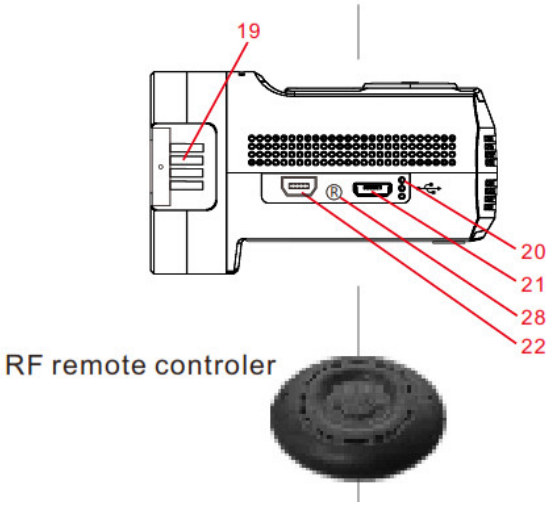








19



1. mount receptacle	14 . HDMI output
2. top cooling holes	15.1.5″ TFT screen
3.speaker holes	16 .UP button
4 . CPL mounting bar	17 . OK button
5 . lens	18. DOWN button
6 . front cooling holes	19.mounting contacts 20.MIC holes
7 .bottom cooling holes	21 .micro USB port
8.side cooling holes	22. rear camera receptacle
9 .power indicator	23 .POWER button
10.recording indicator	24.mount receptacle
11.GPS/MIC indicator	25 .micro USB port
12. sticker area	26 .VHB pad
13 .microSD card slot	27 .mounting contacts 28 .reset button

OPERATION

Read this chapter to know how to operate the camera.

TURN ON/OFF YOUR CAMERA

You may turn on the camera by pressing the power button.

You may turn off the camera by holding the power button for 2 seconds.

The camera is also pre-configured to auto turn on and starts recording once it receives power, e.g. when the vehicle engine is started with a cigar charger to power the camera.

The camera is also pre-configured to auto stop recording and turns off once it loses power, e.g. when the vehicle engine is stopped.

The camera is also preconfigured to auto turn off if it is in standby mode for a long time without any button operation.

There is no lithium battery built in the camera so it can't be power on without an external power supply. The built-in supercapacitor only helps to finish the last file after the power supply cut off, and the supercapacitor needs half-hour to recharge.

STORAGE CARD PREPARATION

The camera supports a single microSD card up to 128GB. It is recommended to use a high-speed microSD card (higher than Class 6, SDHC/SDXC compatible) to avoid storage problems.

Dash cameras write data to the MicroSD card at high speed so there will be file segments created; it is recommended to reformat the microSD card monthly to keep the file system is tidy.

Please be noticed the camera was pre-set to high bit rate recording so the lower speed storage card will cause many recording problems.

RECORDING A VIDEO

When the camera is on standby (standby means the camera is power on but not recording, waiting for operation), press the OK button to start video recording.

When the camera is recording, press the OK button to stop and enter standby.

The camera is pre-configured to auto-start recording once it receives power, i.e. when the vehicle engine is started.

TAKING A PHOTO

When the camera is in recording mode, hold the OK button for 2 seconds to take a photo.
When the camera is in standby mode, hold the DOWN button to enter playback mode.
When the camera is in playback mode, hold the DOWN button to back to standby mode.
When the camera is in playback mode, press the UP and DOWN buttons to highlight the video or photo you want to review, then press the OK button to play/view.
When the camera is playing/viewing a video or photo, hold the UP button to activate the submenu then choose DELETE, PROTECT, PLAYBACK mode; press UP and DOWN buttons to highlight and then the OK button to perform the action.

PLAYBACK ON TV

If you want to playback the videos or photos on a big screen TV, an HDMI cable (optional accessory) is needed for connection.
When HDMI is connected, the operation will be the same as when playback on the camera screen.

PLAYBACK ON COMPUTER

If you want to playback the videos or photos on the computer, a microSD card reader (optional accessory) is needed.
The GPS PLAYER program download link is placed in the PLAYER.TXT in the root folder of the MicroSD card, which can playback the recorded videos with GPS traces.
You can also use a compatible media player to playback the video files directly without a GPS trace. (You may need a codec for the media playback to decoding the MOV videos, K-lite Codec Pack is recommended.)
If you don't have a microSD card reader on hand, you can connect the camera with your computer with the supplied micro USB-USB cable; the dash camera will be recognized as a mass storage device on the computer.

RECORDING MUTE VIDEO

When the camera is in either standby or recording, you can press the UP button to mute the microphone inside the camera at any time. Press the UP button again to cancel mute status.

SOS MANUAL PROTECT VIDEO

The camera support automatic loop recording which means the oldest video will be overwritten by a new video when the card is almost full, unless the video is protected (read-only file attribute) then the next file will be over-written.
The camera can auto-protect videos if the G-sensor data exceeds the configured threshold, a small lock icon will show on the screen when the file is protected; the icon will disappear when a new file was created.
You can also manually protect the video by pressing the DOWN button; a small lock icon will show on the screen when the file is protected. Hold the DOWN button to cancel protected status, the lock icon will disappear.

REMOTE CONTROL

When the camera is in standby or recording mode, press the button on the remote control to take a photo, hold the button for 1 second to protect the current video.
There is a small blue LED on the remote control for working status indicating. You can replace the CR2032 battery in the remote control if the blue LED is dark or the remote control function not working, which means the battery was a drain.

SETTING UP THE CAMERA

The camera is pre-configured to provide you a simple plug-and-play experience – the default settings are the most popular options.
If you are not satisfied with the default setting, you can customize your own favorites.
When the camera is on standby, hold the UP button to enter the setting menu.
Use the UP and DOWN buttons to highlight the subjects you want to configure, press
OK, button to select; then press UP and DOWN buttons to choose the option you want, press OK button to confirm and exit.
Hold the UP button to quit SETTING.
Please review the SETTING section to learn about setting subjects.

TIPS

PRESS operation means to press the button down then release quickly;
HOLD operation means to press the button down and wait for around 1 second for related operations.
This works for all the operations in this manual.

SETTING

The camera is pre-configured to provide you a simple plug-and-play experience – the default setting is the most popular option.
If you are not satisfied with the default setting, you can customize your own favorites. Please read this section to help to customize the camera setting, when you require a slightly different experience.

PARKING GUARD

The parking Guard function is used to monitor the vehicle outside for safety after the vehicle is parked, with a Parking Guard Hardwire Kit (optional accessory) as a power source. When the vehicle engine is turned off, the Parking Guard Hardwire Kit will send a signal to the dash camera; the camera will switch to Parking Guard mode and record setup Parking Guard video according to the setup recording mode. When the vehicle engine started, the Parking Guard Hardwire Kit will send a signal to the dash camera; the dash camera will switch to normal recording mode. if there is no Parking Guard Hardwire Kit connected, the function can't be activated.
The air temperature in vehicles may get too high in summer, so the built-in temperature protection will help to keep the camera safe on Parking Guard mode. The camera will automatically turn off when the mainboard temperature go up to 95°C (200°F) and automatically turn on when the mainboard cooling to 75°C(167°F).
options:


Auto Switch Lapse – the camera will record low frame 720P 2fps lapse video while parking, but if there is motion detected it will auto switch to 720P 30fps for 15seconds recording then auto switch back to 720P 2fps lapse video after image still. Please notice there will be a videos gap between the resolution switching.


Always Time Lapse- the camera will record low frame 720P 2fps lapse video all the time while parking.


Motion Detection -the camera will auto switch on the Motion Detection function while parking. Motion detection is used to reduce the amount of storage space used.
If there is obvious motion detected the camera will start recording and continue until 15 seconds after the motion stops, then switch to standby. When the camera quit Parking Guard mode, the motion detection function will be auto switch off.
Normal Recording – the camera will continue to record normal video even after the vehicle is parked and ignore the Parking Guard signal. It will be huge storage consume and the old files will be overwritten.

In Parking Guard recording, if there is G-sensor triggering by vehicle vibration, the currently recorded video will be protected to avoid over-writing.

FORMAT CARD

Here you can format the microSD card in the camera.
Please be noticed all files will be lost once you start the formatting process. it is recommended to reformat the microSD card every month to remove the file segments and keep the file system tidy.
options: **NO** /YES

VIDEO RESOLUTION

Here you can choose the video resolution you want to use; higher resolution videos will take more storage space.
options:

1080P30+1080P30 1080P30+720P30 720P30+720P30 1920x1080P60	dual-channel camera mode
1920x1080P 60 1920x1080P 30 1280x720P 60 1280x720P 30	single-channel camera mode

VIDEO QUALITY
Here you can adjust the video quality; the quality will affect video grain, sharpness, contrast, and so on. Better quality videos will result in a higher bit rate and take more storage space.
options: Super Fine/ **Fine**/ Normal

AUTO EXPOSURE METERING

Here you can set the measuring area for Auto Exposure; this setting will affect the video brightness and quality. CENTER is recommended if there is no special requirement.
options**: CENTER**/AVERAGE/SPOT

FRONT EXPOSURE COMPENSATION
Here you can manually adjust the front camera Exposure Values to improve the image brightness. An unsuitable setting will make the image too bright or too dark. options:

-2.0
-1.6
-1.3
-1.0
-0.6
-0.3
0.0
+0.3
+0.6
+1.0
+1.3
+1.6
+2.0

TIPS
When you hold the UP button to quit SETTING, the setting will be saved. If you haven't hold UP button to quit but use the POWER button to power off or use the RESET button to re-boot the camera, the setting may not be stored. Please take care the correct operation process.

REAR EXPOSURE COMPENSATION

Here you can manually adjust the rear camera Exposure Values to improve the image brightness. An unsuitable setting will make the image too bright or too dark.
options:

-2.0
-1.6
-1.3
-1.0
-0.6
-0.3
0.0
+0.3
+0.6
+1.0
+1.3
+1.6
+2.0

WHITE BALANCE

Here you can set the image white balance mode to improve the color balance in video/image in different weather and lighting conditions. AUTO is recommended to fit most conditions.

options: **AUTO** /DAYLIGHT/CLOUDY/TUNGSTEN/FLUORESCENT

FLICKER

Here you can set the image sensor flicker frequency to fit your AC power frequency and reduce the effect of flickering lamps. Otherwise, the traffic light or road lamp may be flickering all the time.

if you are not sure about the AC frequency in your country please research the article "List of Worldwide AC Voltages and Frequencies" to find out then set the flicker here. options: **50Hz**/60Hz

ROTATE IMAGE 180°

When you want to mount the camera upside-down, this setting will help to rotate the screen and recorded the image 180° so the video appears the correct way up when you playback it on a computer or TV. The button functions will be reversed at the same time so that the UP button is still at the top after the camera rotated.
options: **OFF**/ON

REAR CAMERA FLIP

This setting helps to flip the rear camera image up-side-down to fit your fixup location & direction of the rear camera.

options: **OFF**/ON

LOOP RECORDING

The camera supports automatically loop recording when the card is full. Here you can set the segment length according to your requirement. (please be noticed the maximum file size limit on FAT32 card is 4GB)
options: 1 MINUTE/3 **MINUTES**/5 MINUTES/10 MINUTES
BEEP SOUND

Here you can switch the boot sound and button sound according to your requirement. Please check the camera status sometimes to make sure the camera works fine if you turn the sound off.
options: **ON**/OFF

GREEN INDICATOR

Here you can define the indicating function of the Green Indicator. options: **GPS STATUS**/MIC STATUS

G-SENSOR SENSITIVITY

The G-sensor is used to detect the 3-axis impacting forces (vibration acceleration). If

any impact over the threshold value is detected, the current recording file will be locked (protected) to avoid being over-written. Here you can define the sensitivity threshold value.
options: OFF/LOW/**MEDIUM**/HIGH

POWER OFF DELAY

If there is no button action when the camera is on standby mode, the camera will auto power off to save power (unless the camera is on Motion Detection mode). Here you can define the delay time.
options: **1 MINUTE**/3 MINUTES/5 MINUTES/OFF

SCREEN OFF DELAY

If there is no button action when the camera is on standby or recording mode, the camera will auto turn off the screen to save power.
You can press the POWER button to turn off/on-screen at any time.
Here you can define the delay time.
options: **15 SECONDS** /30 SECONDS /1 MINUTE/OFF

LOGO STAMPING

Here you can define whether you want to show the camera brand logo on recorded video (bottom left corner).
options: OFF/**ON**

GPS STAMPING

The dash camera can record your driving trace and stamp the GPS data on video. Please notice there may be electronic interference on GPS signal from the camera, radar detector, wireless transmitter, or something else; which will delay the GPS connecting or mistake the GPS data.
Here you can define the GPS data stamping method.
options: OFF/**LOG ONLY**/STAMP ON

SPEED STAMPING

The dash camera can record your driving speed and stamping the speed data on video. Here you can define the speed data stamping method.
Please set the GPS STAMPING to LOG ONLY or ON first if you need speed stamping. options: **OFF**/KM/H/KPH

DRIVER NUMBER STAMPING

The dash camera can stamp your driver number or customized phrase on video. Please define the driver number or phrase in the next title.
Here is the switch.
options: **OFF**/ON

DRIVER NUMBER

Here you can define the driver number or customized phrase to stamp on the video. Total 9 characters or numbers.
000000000

DATE STAMPING
Here you can define the date stamping format on video.
options: **OFF**/YYMMDD/MMDDYY/DDMMYY

TIMESTAMPING

Here you can define the time-stamping format on video.
options: **OFF**/12 HOURS/24 HOURS

DATE TIME SETTING

Here you can set the system date and time manually.
The date & time information will be automatically updated once GPS is connected.

time zone: +00:00 date017/05/30 time: 13:14

The time zone should be set before GPS can correctly update the time. You may need to manually add or minus the time zone for daylight saving time.

TEMPERATURE STAMPING

Here you can define whether you want to show the camera mainboard temperature on the camera screen (top right corner) and recorded videos (bottom right corner). options: OFF/Fahrenheit °F/Celsius °C

LANGUAGE

Here you can set the system language you prefer. options: **ENGLISH**/PYCCKLIO

RESTORE DEFAULTS

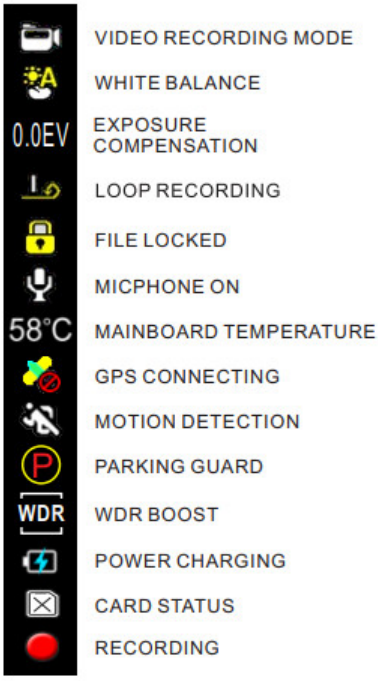
Here you can restore all the settings to the factory default settings. options: **NO**/YES

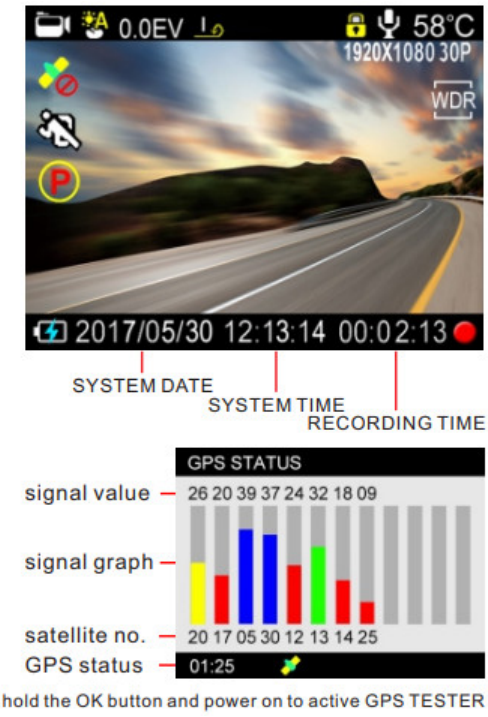
FIRMWARE VERSION

Here you can find the version information of the current firmware in your camera. You may need this information when you are trying to upgrade the camera to a later firmware.
The firmware version is sorted by release date, the suffix number means the sequence on that date.
0906FW 20170530 V1

TIPS

The REMOTE CONTROLLER unit can be stuck to somewhere for easy operating with the round VHB sticker provided, but please be noticed that should not affect the driving. The button of the remote controller is big enough for blind operating so please keep your eyes on traffic.





PLAYER

This image may be different with the real one according to the version update.

TEMPERATURE

TEMPERATURE IN VEHICLE

When a vehicle is parked in direct sunlight, the vehicle's inside temperature will dramatically increase in the first 10 minutes and then be stable after 25 minutes of baking. Please refer to the figure below to find out the temperature difference between the inside and outside of the vehicle.

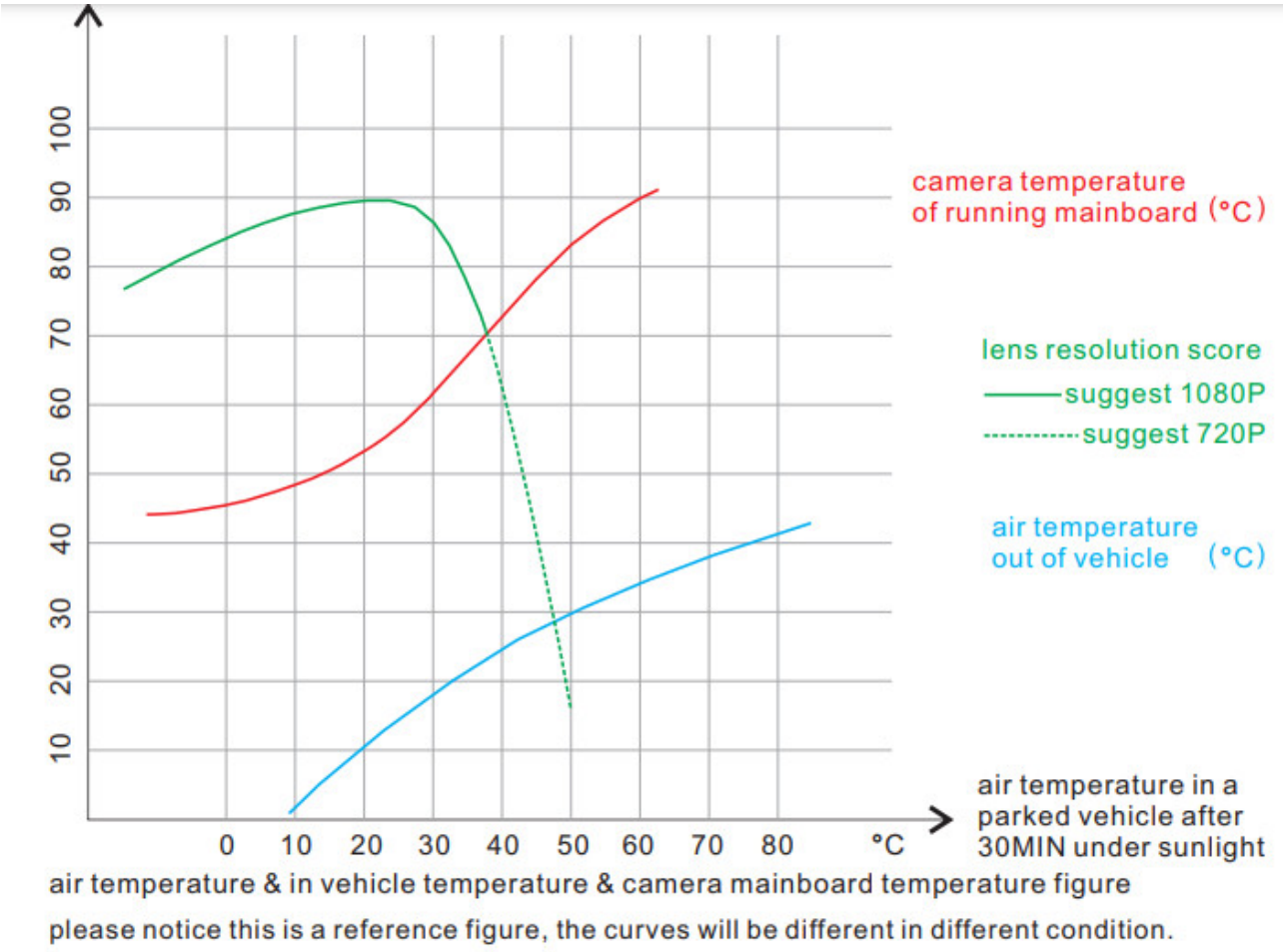
The temperature can achieve 70°C (158°F) or even higher in parked vehicles under direct sunlight in summer, it is dangerous for all consumer electronics.

Expose a dash camera in strong sunlight with Motion Detection mode or Parking Guard mode recording may cause the dash camera to malfunction or damage.

TEMPERATURE PROTECTION

The temperature protection function in this camera which shuts the camera down when the camera temperature reaches 90°C (194°F) will help to reduce the risk and still protect your vehicle all the time even under sunlight, with Parking Guard or Motion Detection function.

Please be noticed the temperature protection is just an auxiliary method, keep the camera recording in high-temperature conditions will be at yourself risk.



air temperature & in vehicle temperature & camera mainboard temperature figure

please notice this is a reference figure, the curves will be different in different condition.

MOUNTING

The dash camera is designed for easy& quick mounting to your windshield with a VHB sticker pad.
1st, insert the camera to the sticker mount with a power cable plugged into either the mount or camera body; 2nd, simulate the unit on your windshield with the camera powered on, rotate the camera vertically to find the best mounting location; 3rd, you may need to fit the wedge(s) if you want to mount at an offset location from the top center of the windshield; just screw the wedge(s) to the mount bracket or use the VHB pads in the accessory bag. (screws KB1.4*6mm also in the accessory bag); 4th, clean the stick surface on both GPS mount and windshield

with an organic solvent such as alcohol or other, make sure there is no water or grease on the surfaces; 5th, stick the VHB sticker pad to the mount bracket or wedges, and attach to your windshield, hold the mount for a few seconds to ensure good adhesion; 6th, power on the camera and check the camera display again.
when you want to demount the camera, just slide the camera out from the mounting bracket; no need to take the sticker to mount down from the windshield.
When you want to remove the sticker mount from your windshield, please use the thin cord (in the accessory bag) with a sawing action to cut between the VHB sticker and your windshield and pull the cord to break the mount off from your windshield; then remove the sticker residual with WD-40 spray.
Please don't break off the sticker mount with a rigid crowbar, which may damage the sticker mount or your windshield.
If you have to place the camera offset from the top center of the windshield, you need to use the wedges to adjust the camera view direction. There are two wedges attached in the accessory bag, one is 2° angle and another is 4° angle. With those you can mount the dash camera at a 2°, 4° or with both together 6° offset location. (you can use the attached VHB pads or KB1.4*6mm screws to mount the wedges to the sticker mount.

TIPS

If your VHB pads are run out, you can purchase 1.1-inch width 3M VHB heavy-duty mounting tape from local or internet and cut it to 1.45 inch long to instead the original mounting pads.
It is recommended to be 0.06-inch thick and black in color.

POWER SOURCE

The dash camera can be powered by a cigar lighter charger (standard accessory) or hardwire kit (optional accessory).
Cigar lighter charger is an easy & fast connecting method for cameras, the only thing you need to do is plug the charger into the cigar lighter socket in your vehicle. The camera will be powered once the vehicle engine started.
The disadvantage is cigar lighter charger is it will engage your cigar lighter socket, and maybe alignment difficulty

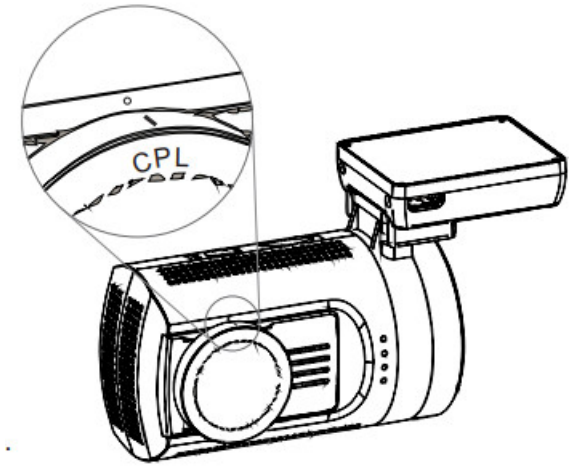
for the long cable.
Hardwire kit is used to solve the problem above. The 12V/24V leads are connected to the car fuse or car battery and the 5V lead is connected to your camera. The output power from Parking Guard Hardwire Kit can be constant to support the Parking Guard function of your camera. There is Battery Drain Protection in Parking Guard Hardwire Kit to protect the vehicle battery from the drain.
You may need some professional skills to install the Parking Guard Hardwire Kit.


Please take care of the un-qualified cigar lighter chargers and hardwire kits on market.

Please take care of the un-qualified cigar lighter chargers and hardwire kits on market.
The accessories without EMC compatible may bring interference to the radio receiver or GPS antenna .
The hardwire kits may drain your vehicle battery to 11.5V even if the vehicle is a 24V accumulator.

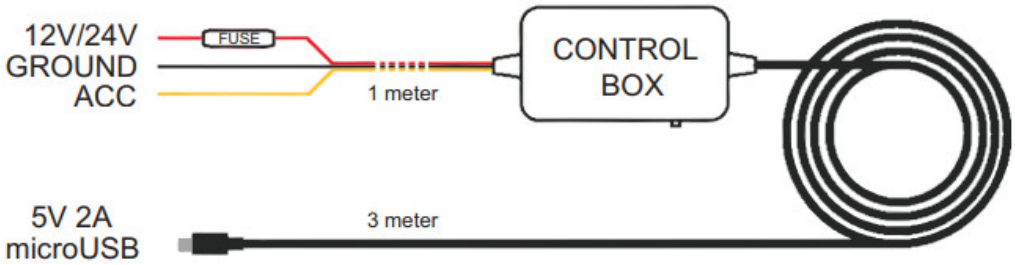
ACCESSORIES

All the accessories listed in this page are optional.
CPL filter
Reduce the reflection from the shiny surfaces like vegetation, sweaty skin, water surface, glass, road, and let the natural color come through at the same time.
Some of the light coming from the sky is also polarized to give a more dramatic sky and high contrast clouds, rendering outdoor scenes crisper with deeper color tones.
Align the white line on CPL with the dot on the camera and rotate for the best reflection reducing effect.
CPL filter is highly recommended for the mini0906 cameras.



Parking Guard hardwire kit

The Parking Guard Hardwire Kit can be used on mini0906 and other cameras which support the Parking Guard function, to protect your vehicle when it is parked.
It also can be used as a high-quality common hardwire kit on no Parking Guard function cameras, to power the camera and protect your battery from the drain.



Parking Guard Power Kit

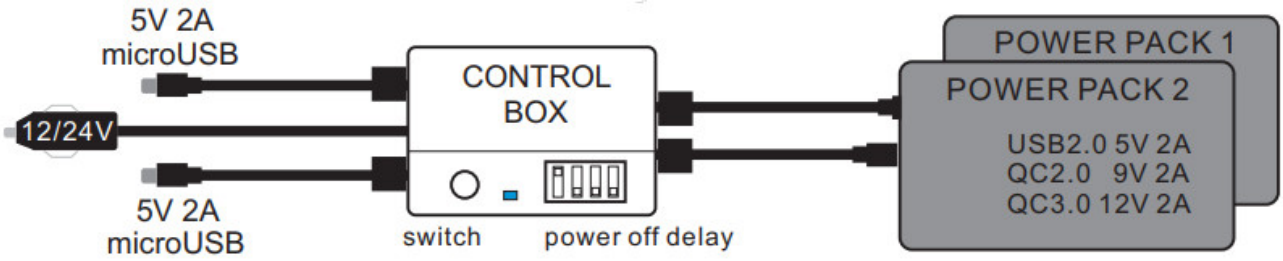
The Parking Guard Power Kit can be used on mini0906 and other cameras which support the Parking Guard function or other cameras without the Parking Guard function, to power the camera and protect your vehicle while vehicle parking.

The Parking Guard Power Kit will incept the DC12V/24V power from cigar charger, convert to 5V to power cameras and re-charge attached power packs (support QC2.0 and QC3.0)

at the same time; when the vehicle is parked, the Power Kit will shift to incept power from power packs to power camera and provide a parking signal.

There is a cut-off delay function that can be set to hours or continue to power pack drain.

The Parking Guard Power Kit supports dual output to cameras or portable devices and support dual power packs to maximize the protection, with a most simplified installation.



TROUBLESHOOTING

Can't record a video or take photo?

Please check if there is enough storage space on the microSD card, or if all the files are protected (read-only attribute).

Camera stop record and turn off?

Please use a high-speed microSD card class6 at least, because the data stream (bit rate) of high-definition video is huge, it is a big challenge for low-quality cards.

"File Error" prompt while playback a video?

The camera uses a supercapacitor as a backup battery to save the last video when the engine stops, it can only power the camera for seconds; the capacitor needs half-hour to recharge to full. If you power on & off the camera frequently there is not enough power in the capacitor so the last file will be corrupted. The File Error problem may happen after continual short driving.

Image is blurred?

Please check if there is dust, fingerprint or something else on the lens; use the lens cleaner to clean the lens before using.

Please remember to remove the lens protecting film before first using it.

And please notice the definition will be effect by extreme temperature; there will be a definition decrease when the camera inside temperature reach 70°C(158°F) at the meantime the vehicle air temperature is 40°C(104°F). Please refer the temperature cure chart.

Horizontal stripes on image?

Please adjust the setting of FLICKER depends on the local power supply frequency with 50Hz or 60Hz.

Does recording not stop?

That is the MOTION DETECTION working, please cover the lens to black then press the OK button to stop, then you can get into SETTING or PLAYBACK mode.

When the MOTION DETECTION is ON, the camera will auto start recording when a moving object appears in the range of camera view; when the motion ceases the recording will stop automatically until the next motion appears. It is not easy to turn the Motion Detection function off with the camera in the hand unless covers the lens.

Camera automatically re-boot?
Please check the power supply in advance. It is recommended to use the attached cigar charger in the packaging box which provide enough power. The temperature protecting function will auto shut down the camera if the mainboard is too hot and auto boot up when it is cooling down. And the drain protecting of the Parking Guard hardwire kit will cut off the power supply also when it is detected the vehicle battery voltage is lower than the setting value, you may set the protecting voltage lower.
Camera can't power on?
Please check the power supply in advance. It is recommended to use the attached cigar charger in the packaging box which provide enough power. And you may check if it can power on without a rear camera. Please make sure the reset button is not press&hold which will block the camera power.

Any maintenance should be performed?
The camera record videos in high bit rate so there will be file segments created on the microSD card after long time of recording & overwrite; Please re-format the microSD card monthly to keep the file system tidy. Please remember to back up the important files to the computer before format operating.
Occasional not responding?
Please use the top RESET button to reset the camera temporarily, then submit the working condition and related files to **service@mini0906.com** so we can find out what happened then maybe debug the firmware.
It is recommended to do a RESTORE DEFAULT settings to check out again.
More questions?
Please feedback on **www.mini0906.com** or mail to **service@mini0906.com**

MINI DASH CAMERA
MORE THAN A DASH CAMERA

mini0906

Documents / Resources

	**mini0906 Dash Camera User Guide** [pdf] mini0906, Dash Camera