



AutoSky ADC-101 Dash Cam Front and Rear User Manual

[Home](#) » [AutoSky](#) » AutoSky ADC-101 Dash Cam Front and Rear User Manual 

Contents

- [1 AutoSky ADC-101 Dash Cam Front and Rear](#)
- [2 SPECIFICATIONS](#)
- [3 PRECAUTIONS](#)
- [4 PRODUCT OVERVIEW](#)
- [5 PACKAGE CONTENTS](#)
- [6 UNDERSTANDING BUTTONS](#)
- [7 INSTALLATION](#)
- [8 TURNING YOUR DASHCAM ON/OFF](#)
- [9 KEY FEATURES](#)
- [10 SCREEN OVERVIEW](#)
- [11 DASHCAM SETTINGS](#)
- [12 Fine \(default\) Standard Commonly](#)
- [13 RESETTING YOUR DASHCAM](#)
- [14 TROUBLESHOOTING](#)
- [15 Documents / Resources](#)
 - [15.1 References](#)



AutoSky ADC-101 Dash Cam Front and Rear



SPECIFICATIONS

Specifications AutoSky Dashcam

- Screen 3 inch IPS screen
- Video Resolution (front) 1920x1080px (interpolated)/ 1280x720px / 640x480px
- Video Resolution (rear) 640x480px
- Image Size SM/3M/2M/1M/VGA
- Lens 120° diagonal A+ Ultra HD Wide Angle
- Video/Photo Format AVI/JPEG
- Gravity Sensor Support
- Hide Dynamic Range Support
- Emergency Video Support
- Lock Button
- Motion Detection Support
- Parking Guard Support
- Loop Recording Support
- License Plate Support
- Time & Date Stamp Support
- Microphone/Speaker Support
- Memory Card Capacity Up to 32GB Class 10 or above speed
- Frequency 50Hz/60Hz
- Power SV/IA
- Battery Rechargeable Battery
- Language Japanese / English / Russian / German / Italian / Spanish
- Working Temperature 14° F to 149° F (-10° C to 65° C)

PRECAUTIONS

An SD card up to 32GB Class 10 or above speed is required for your new AutoSky Dashcam. Micro SD card

specification varies from one brand to another and it may not function as expected. Please insert the micro SD card in the right direction to avoid damage to the card or your new AutoSky Dashcam. If your dashcam shows an error message, please format the micro SD card from the dashcam's menu. If the error continues please reset your dashcam or replace the micro SD card. We recommend you format your micro SD card every month for recording stability.

Note

All files will be deleted when formatting the micro SD card. Please backup the important files before formatting. When the reset function is selected, the settings will be returned to the default setting. When installing your new AutoSky Dashcam make sure it is firmly attached to the windshield for recording stability and to avoid any damage.

The battery life span will continuously decrease upon usage. Please charge the battery every month to preserve the battery life. Do not use your AutoSky Dashcam in a dusty or wet environment as the mirror monitor is not waterproof. To obtain clear images, please clean the windshield and cameras of your dashcam regularly, and do not record or take pictures in direct sunlight or a high dust or electromagnetic environment.

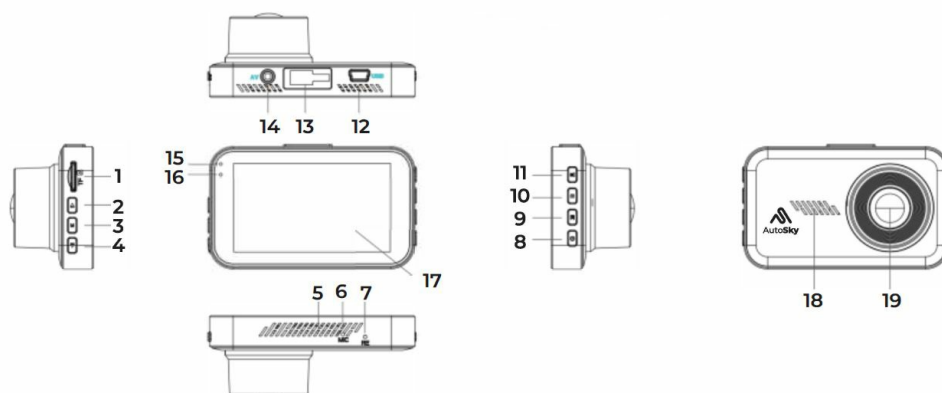
The operating temperature of your dashcam is 14° F to 149° F (-10°C to 65°C). Continuous exposure to sunlight, especially when the dashcam is mounted in a vehicle where the temperature exceeds 158° F, may cause malfunction, screen change colours or image distortion. Incorrect operation could lead to a system crash. Please use a small hard pin to press RESET to restart your AutoSky Dashcam.

DISCLAIMER

This device is NOT intended to be used for illegal purposes; surveillance shall not be used in any form as evidence for claim purposes. Some countries prohibit drivers from mounting anything on the windshield or restrict mounting to specific areas of the windshield. It is the owner's responsibility to mount the device in compliance with local laws. Errors may occur depending on the surrounding environment and the voltage of the vehicle. The seller is not liable or responsible for non-recorded events, missing files and others.

The seller will not be liable for any damage incurred directly or indirectly from errors, omissions, or discrepancies. Do not operate the device while driving. Using this device does not change the requirement for a driver to take full responsibility for his or her behaviour. This responsibility includes observing all traffic rules and regulations to avoid accidents, personal injury or property damage. If you have any problem with your new AutoSky, please do not hesitate to contact us, we are here to help. customerservice@promasterelectronic.com

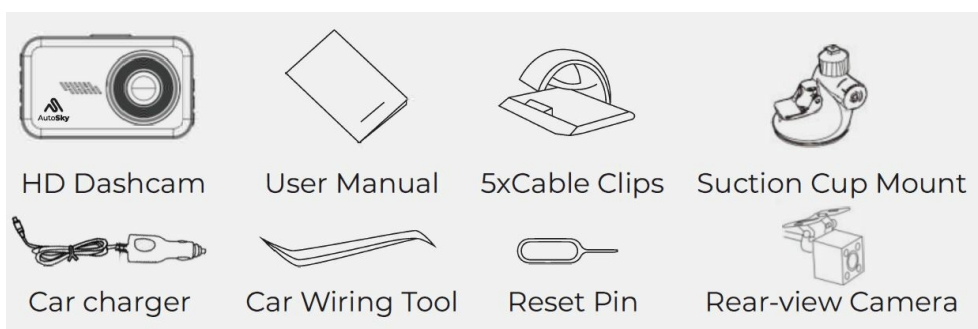
PRODUCT OVERVIEW



1. TF Card Slot
2. Up/Lens Switch key
3. Menu Key
4. Down/Sound Recording Key

5. Vent
6. MIC
7. Reset
8. Power&Screen On/Off Key
9. Emergency Video Lock/Unlock
10. Mode Key
11. OK/REC Key
12. Power Port
13. Holder Socket
14. AV Port for Rearview Lens
15. Charging Indicator Light
16. Working Indicator Light
17. IPS Screen
18. Speaker
19. Lens

PACKAGE CONTENTS



UNDERSTANDING BUTTONS

Video Mode














Icons	Buttons	Shortcuts/Functions
	Power & Screen On / Off	Long press to power ON/OFF Short press to turn ON/OFF the screen
	Video Lock / Unlock	Short press to protect / not protect the video in the recording
	Mode	Short press to switch among Video Mode / Photo Mode / Playback Mode in standby
OK	OK / REC	In the video mode, press to start / stop video recording In the menu mode, press to confirm
	Up / Lens Switch	Short press to switch from front and rear-view lens In the menu mode, short press to move to the previous
	Down / Sound Recording	Short press to turn ON/OFF sound recording In the menu mode, short press to move to the next
M	Menu	In the video mode, short press to enter video settings menu In the video mode, press twice to enter system settings menu

Photo Mode

Icons	Buttons	Shortcuts/Functions
	Power & Screen On / Off	Long press to power ON/OFF Short press to turn ON/OFF the screen
	Mode	Short press to switch among Video Mode / Photo Mode / Playback Mode in standby
OK	OK / REC	In the photo mode, press to take a picture In the menu mode, press to confirm
	Up / Lens Switch	Short press to switch from front and rear-view lens In the menu mode, short press to move to the previous
	Down	In the menu mode, short press to move to the next
M	Menu	In the photo mode, short press to enter photo settings menu In the photo mode, press twice to enter system settings menu

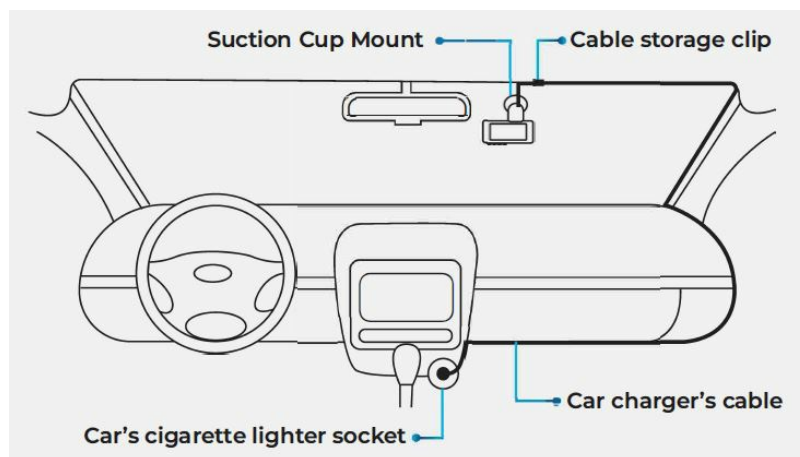
Playback Mode

Icons	Buttons	Shortcuts/Functions
	Power & Screen On / Off	Long press to power ON/OFF Short press to turn ON/OFF the screen
	Mode	Short press to switch among Video Mode / Photo Mode / Playback Mode in standby
OK	OK / Play / Pause	In the playback mode, press to play the video or pause In the menu mode, press to confirm
	Up	In the menu mode, short press to move to the previous
	Down	In the menu mode, short press to move to the next
M	Menu	In the playback mode, short press to enter playback settings menu In the playback mode, press twice to enter system settings menu

POSITION

Your new AutoSky Dashcam comes with default settings which allow you to start using your camera right out of the box without changing any settings except for the date & time. Make sure to format the memory card before first use.

Most users will install the dashcam next to the rearview mirror, on the opposite side of the driver. Please install your new AutoSky Dashcam once your vehicle is turned off and parked in a safe and well-lit place.



INSTALLATION

1. Make sure to clean your windshield from dust particles and any evaporated grease from the dashboard surface.
2. Attach your AutoSky Dashcam's suction cup mount. Set the camera lens to point forward to the centre when installing it.

Note: Make sure that the camera's view is not obstructed by any window tint or any other objects. If your vehicle has side curtain airbags please be very careful when running any cables along your vehicle windows. Ensure you are not running cable past any of the airbags as this can prevent the airbags from deploying.

3. Fix the Suction Cup Mount: peel off the film on the rubber & hold it tight towards the windshield to remove any

air between the suction cup and the windshield.

4. Rearview camera installation: screw your rearview camera above your car's license plate, plug the rearview camera into your dashcam's AV port, and the red reverse cable should be connected to your vehicle's reverse tail light.

Caution: Please pay close attention to the positive and negative anodes to avoid damaging your AutoSky Dashcam.



Rear view camera with 18ft cable.

5. Use the car charger to connect the mini USB power port of the camera to the car's cigarette lighter socket.
Caution: Only use the provided car charger to power and charge the camera, otherwise the camera may frequently reboot or your screen will flicker due to insufficient power.
6. Start the engine and verify that your dashcam works properly.
7. Do not remove the Micro-SD card while your dashcam is ON as it may cause loss of data or damage to your memory card. Always remove or insert the memory card while the dashcam is OFF.
8. Use the cable clip to organize and hide the power and rearview camera cables to avoid interfering with the driver's experience.
9. Adjust the lens angle of the camera (1/3 angle of the camera towards the sky is the best viewing angle).
Caution: Make sure to remove the plastic lens screen protector from the lens before recording, otherwise your videos will look blurry and blocked.
10. When reversing your vehicle, your AutoSky Dashcam will display the rear view image in full screen with parking lines.

TURNING YOUR DASHCAM ON/OFF

Auto Power ON/OFF

Auto Power ON: Your new AutoSky Dashcam is designed to turn ON and start recording automatically with a blue flickering working indicator light when it receives power, i.e. when the car engine is started.

Auto Power OFF: The camera is also pre-configured to turn itself OFF automatically within few seconds when the power gets disconnected, i.e. when the car key is turned to LOCK position. The camera will automatically save the last file and shut down.

Caution: Some trucks/car's 12V cigarette outlets is always HOT, which means it provide constant power even when the car is turned OFF and LOCKED.

If this is the case for your vehicle, then the auto ON/OFF feature will not work. And if you leave the camera continuously recording when the car is turned off, then it will drain your car/truck's battery and you might not have enough power to start your car for next time. To remedy this situation, you can do one of the following options:

- Hardwire your dash cam to your car's fuse box with 3-Lead Auto Trigger Hardwire Kit (Hardwire kit is not included)
- Change the connection in the fuse box for your 12V outlet to a socket that only supplies power when car key is on ACC or ON position.

Manual Power ON/OFF

To manually turn ON: Long press the power button once after the power is plugged in.

To manually turn OFF: Press and hold the power button for at least 2-3 seconds, your dashcam will automatically save the last file and shut down.

Note: Be sure to insert the memory card before powering up the device. Do NOT insert/remove the memory card while the camera is turned ON.

CHARGING

Only use the charger provided to power and charge your AutoSky Dashcam. When the dashcam is charging, the charging indicator light will be steady red. When the internal battery is fully charged, the indicator light will be light off.

KEY FEATURES

1. Full HD 1080P Front & Rear Dual Cameras Recording
2. Rear-view Camera in Full Display with Parking Lines When Backing up Your Car
3. 120° Ultra-wide Diagonal Viewing Angle
4. 3-inch IPS Screen
5. Support Hide Dynamic Range
6. Emergency Video Lock Button
7. Built-in Rechargeable Battery
8. Up to 32GB Class 10 or above Speed is required
9. Time&Date, License Plate support
10. Gravity sensor, Motion Detection, Loop Recording and Parking Guard support
11. Multi-language, Audio recording, Auto Power OFF support

SCREEN OVERVIEW

Video Screen



Photo Screen



Playback Screen



DASHCAM SETTINGS

Video Settings

In the video standby mode, short press M key to enter the Video Settings Menu. To EXIT, press M key twice.

Video Resolution

You can choose the video resolution you like. Higher-resolution videos will take more storage space.

- Front Camera
 - 1920x1080px (interpolated)
 - 1280x720px default
 - 640x480px
- Rearview Camera
 - 640x480px

Note

When the front camera resolution is set to 1920x1080px and you are recording simultaneously with the rear-view camera, the front camera resolution will be 1280x720px.

Dual Camera

This feature allows the camera to record in a single front camera ONLY or both front and rear-view cameras at the same time.

Loop Recording

This feature continuously records loop by loop and it deletes the oldest video file automatically once the memory card is full so you don't have to manually delete them. This feature splits each video file to your selected length. You can choose between: Off 1 Minute (default) 2 Minutes 3 Minutes Note: If you choose Off, your dashcam will record until the memory card becomes full and then it will show a "Card Full" message. It will NOT record any further until you either delete files to make room or format the memory card.

DASHCAM SETTINGS

Video Settings

Time-lapse Record

Time-lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time-lapse. You can choose between:

Off (default) 100ms 200ms 500ms

Caution: If you set it ON, then it will stay ON all the time even after the camera restarts. So all your videos will be in time-lapse speed (Fast Playing).

High Dynamic Range

Improves the exposure by taking the combinations of over-exposed and under-exposed images into one robust wide range of lighting with higher depth image.

You can choose between:

On (default) Off

Exposure

This feature allows you to adjust the brightness of a captured image.

You can choose between

+3 +2 +1 0 (default) -1 -2 -3

Record Audio

Your new AutoSky Dashcam has a built-in microphone to record video with audio. You can choose to record mute video by choosing OFF. You can also press the DOWN button to mute/unmute while the video is being recorded.

You can choose between: On (default) Off

Video Settings

Motion Detection

When motion detection is ON, your AutoSky Dashcam will automatically start recording as soon as it detects any movement, if there is no continuous movement, your dashcam will stop recording after 20 seconds and enter standby mode. Turn this function ON, from the settings menu, if you want to record only when movement is detected, by doing this you will also save space in your memory card. Press the M key to enter the settings menu and quit motion detection.

- **On Off (default)**

G-Sensor G- G-sensor is a 3-axis impact gravitational accelerometer that is designed to detect physical and gravitational forces on the dashcam. While Video is Being Recorded: When the G-sensor is triggered due to physical or gravitational impact force on the dashcam, the current loop cycle length of the video file will be locked

so it will NOT be deleted by loop cycle function. You can choose between:

Off Low Medium (default) High

Caution: In the event of an accident please make sure you backup your footage before using your dashcam again to prevent the loss of important video file due to the loop recording function. If the force was minor it will NOT trigger G-sensor to lock video file automatically. The best practice and recommended to you, is to backup all necessary video footage after any event of an accident before using your dashcam again to prevent the loss of important video files.

Date Stamp

The stamp's menu allows you to choose whether the Date & Time is displayed at the bottom of the video or not. You can choose between:

- **On (default) Off**

Parking Guard

Monitoring the vehicle when parked. Set Parking Guard ON from the settings menu when you car is at the parking lot. After your vehicle is OFF, your dashcam will power off accordingly. If the camera detects a vibration, it will power ON to record automatically about 30 seconds based on internal battery and then shut down to standby mode. The videos triggered by the Parking Guard will be protected from being overwritten when the card's full. If Parking Guard keeps ON when your car is ON and powering through your car's charger, only the first 30-second video will be locked and then switch to normal recording. You can choose between:

- On Off (default)

Note: This function can only work normally based on the camera has an internal battery or it is powered by the car's charger.

License Plate

This feature will allow you to insert a custom vehicle ID or Driver ID to be stamped on video. Use and T button to select the characters, press OK button to switch to the next character, when finish, press M button to exit. You can choose between:

- **On Off (default)**

Photo Settings

Press & Hold the key to enter the photo mode in the standby mode. Then press M key to go to the photo settings. To EXIT press M key again.

Capture Mode

Here you can choose to take a single shot snapshot or set a timer according to your preference. S stands for second in options.

You can choose between

Single (default) 2S Timer SS Timer IOS Timer

Image Size

Here you can choose your desired photo resolution. The higher your resolution, the better pixel resolution for your captured image.

You can choose between

SM (default) 3M 2M IM VGA

Burst

This feature allows you to take burst capture of 3-Frames/Sec at once.

You can choose between

- On Off (default)

Photo Effect

This feature allows you to choose color effects for captured images.

You can choose between

Colour (default) Black & White Sepia

Image Quality

This feature allows you to set the quality level of an image captured. The higher the image quality, the more space it will consume on the memory card.

You can choose between:

Fine (default) Standard Commonly**Image Sharpness**

This feature allows you to choose the clarity of an image's sharpness.

You can choose between

Strong Normal (default) Soft

White Balance

This feature allows you to adjust the warmth of light on an image for various environments.

You can choose between

- Auto (default)

Cloudy

This feature allows you to review each image immediately after it has been taken for as long as you configure it, before taking the next image. You can choose between: Off (default) 2 Seconds 5 Seconds

Photo Settings

This feature allows you to set the dashcam's sensitivity to light when taking photos. The higher the setting value the greater the sensitivity.

You can choose between

Auto (default) 100 200 400

Exposure

This feature allows you to adjust the brightness of a captured image.

You can choose between

+3 +2 +1 0 (default) -1 -2 -3

Steady Shot

This feature allows the image stabilizer function to reduce the blurring of a captured image.

You can choose between

- On (default) Off

Date Stamp

The stamp's menu allows you to choose whether the Date and time is displayed at the bottom of the photo or not.

You can choose between

- On (default) Off

Playback Settings

Press and hold key twice to enter the playback settings in the standby mode. Then press the M key to go to the playback settings. To EXIT press M key again.

Delete

This menu allows you to delete the current video or delete ALL.

Delete Current

Delete the current video file on the screen.

Delete All

CAUTION: This will delete ALL video & photos from the memory card, except for the protected files. This feature allows you to make desired changes to the saved video & photo files on the memory card.

system Settings

Press M key twice to enter the system settings after turning it on. In this case, the video recording will stop and you will enter into the System Settings Menu. To EXIT press M key again.

Date/Time

Here you can choose and set the date and time manually.

- Use and button to select desired numbers.
- Press OK button to switch to the next character.
- When finished, please press M button again to confirm & exit.

Screen Saver

This feature will keep the Screen ON/OFF as you like. The factory default is Off. The screen will turn off when there is no operation to the dashcam after the selected time.

You can choose between:

- Off {default} 30 Seconds 1 Minute 2 Minutes

Language

This setting allows you to choose your preferred menu language. Press OK button to confirm & exit.

Auto Power Off

This feature allows you to automatically power off your dashcam as you like when there is no operation after the selected time. You can choose between: Off {default} 3 Minutes 5 Minutes 10 Minutes

Beep Sound

This feature allows you to turn ON/OFF the beep sound of buttons & any voice confirmation.
You can choose between:

- Off On (default)

Frequency

Here you can choose the light frequency according to the power supply specification in your country, based on your geographical location. You can choose between 50 Hz (Europe & Most Asian Countries) 60 Hz (USA-North America) TV Mode Here you can choose your 1V mode based on your country's 1V settings.

You can choose between

- PAL NTSC (default)

Format

This feature allows you to format the inserted memory card, all the data will be deleted.

Default Settings

Here you can restore all settings to factory default settings.

Version

Here you can check the current software version of your dashcam. You will need this information in the future to update your device.

RESETTING YOUR DASHCAM

Reset the Hardware/dashcam

Use the provided Reset Pin to push the RESET key ONCE if the dashcam is freezing or stuck with no response.

Setting Firmware/dashcam to the default settings

If you get stuck with any settings or if you would like to set all settings back to factory default, please go to System Settings and select Default Settings in the menu to reset.

TROUBLESHOOTING

Power on & off | Dashcam freezing | Stop recording after few seconds

- This may be caused because the SD card is full, please format the SD card. If the issue persists use a Class 70 or above SD card (32GB max).
- Set Parking Guard/ Motion Detection OFF in the video menu.
- Power off immediately when disconnecting the power
- Please make sure to always keep the camera plugged into the power during its operation.

Can't record for 24 hours

Since the camera is powered by an internal battery, it cannot work after the battery is empty. If you want 24-hour

recording, please purchase a TYPE C USB hardwire kit (not included in the package).

No buttons available

- While the dashcam is recording, the buttons are unavailable to protect the files. Please press OK key to stop recording and access buttons.
- If the dashcam is freezing and no buttons work, please use the included Reset Pin to push the Reset key. The dashcam will reboot immediately. If the issue persists format or change your SD card.

Overheat Damage

The standard working temperature of your dashcam is 14° F to 149° F (-10° C to 65° C). If you leave your car parked for a long time, we suggest that you remove the dashcam from the car because the temperature inside the car can exceed the specified range above depending on your geographical and weather conditions.


Some of the videos can't be found

This dashcam has a loop recording function, when the SD card is about to be full, the oldest files without protection will be overwritten. If you want to save the specific video from being overwritten, please press the Emergency Video Lock button once to protect that video.

Loop recording doesn't work

Please check your SD card version. A Class 70, or above speed, 32GB max. is required. Your SD card may have many locked videos and loop recording cannot overwrite locked videos. Make sure your loop recording is ON and format the SD card, then set the G-sensor at low sensitivity. The video on my PC only has sound but no image Please google "PotPlayer", and download and install it for free, this issue happens when your original player doesn't support the video format of the dashcam. So please use PotPlayer to play the videos.

Documents / Resources

	<p>AutoSky ADC-101 Dash Cam Front and Rear [pdf] User Manual ADC-101 Dash Cam Front and Rear, ADC-101, Dash Cam Front and Rear, Front and Rear</p>
---	--

References

- [User Manual](#)