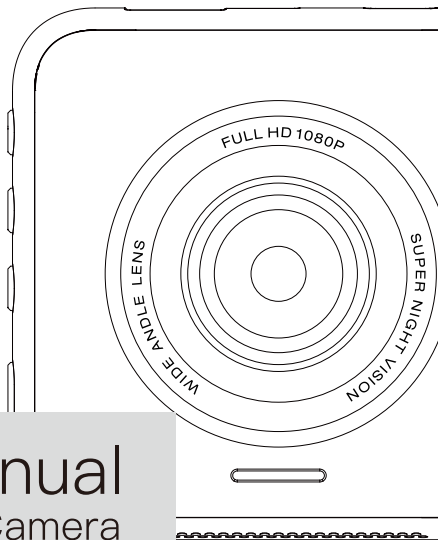


apeman



# User Manual

## Dash Camera

EN DE FR  
IT ES JP

# C420D

# Menu

<b>EN</b>	English .....	1
<b>DE</b>	Deutsch .....	17
<b>FR</b>	Français .....	34
<b>IT</b>	Italiano .....	51
<b>ES</b>	Español .....	68
<b>JP</b>	日本語 .....	85

# Contents

EN

<b>Foreword</b> .....	2
<b>Attention</b> .....	3
<b>Product Description</b> .....	4
Package Contents	
Camera Overview	
Button & Interface Description	
<b>Preparation and Installation</b> .....	7
Insert Memory Card	
Attach Mount to Camera	
Remove Lens Protection Film	
Installing the camera	
<b>Operation Instructions</b> .....	10
Powering On / Off	
Mode Switches	
Video Feature Menu	
System Menu	
<b>Product Specifications</b> .....	14
<b>FAQ</b> .....	15
<b>Warranty</b> .....	16

# Foreword

EN

Dear Customer,

We are truly grateful that you choose APEMAN. You are one of our best customers, it is always our great pleasure to serve you.

In the name of the company, we sincerely hope that you enjoy the quality of our products and services. We will do our utmost to continuously improve the quality of our products and services to make you happy and satisfied.

Your suggestion and feedback have helped us shape our business to perfectly fit your need. We are soon to introduce a series of new products as a token of our appreciation for your continued support. We would very appreciate it if you could share our products with your friends and family.

Thanks again for choosing our product. Please note that each APEMAN product is covered by a one-year warranty. Please feel free to let us know if there is anything we can do for you to improve your shopping experience.

We look forward to serving you for many years to come. If you have any questions, please don't hesitate to contact us as soon as possible. We will reply in the first time.

Best way to contact us: email at [kt.support@apemans.com](mailto:kt.support@apemans.com)

Warm regards,  
APEMAN

## Attention

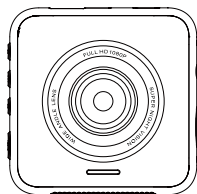
EN

- Please do not disassemble the machine yourself to avoid damaging the internal components.
- Please do not install the machine where it will block the driver's view of the road or the deployment of the airbag.
- Please do not expose the machine in strong sunlight or high temperature. It may cause the damage to the housing and internal components.
- Please use lens cleaner or professional tools to clean the lens.
- Please make sure that the camera is turned off before plugging in/out the memory card to avoid the damage to the memory card and data files.
- Please keep your attention on the road. Do not operate the controls of this product while driving.
- Please remove the machine from your vehicle when not in use for a long period.

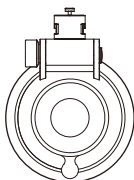
# Product Description

EN

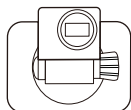
## Package Contents



①



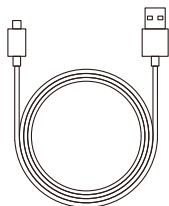
②



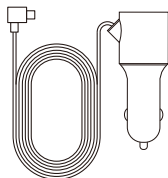
③



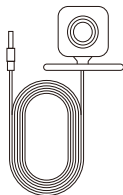
④



⑤



⑥



⑦

① Car Recorder

② Suction Mount

③ 3M Adhesive Mount  
(for rear camera)

④ 2 Screws

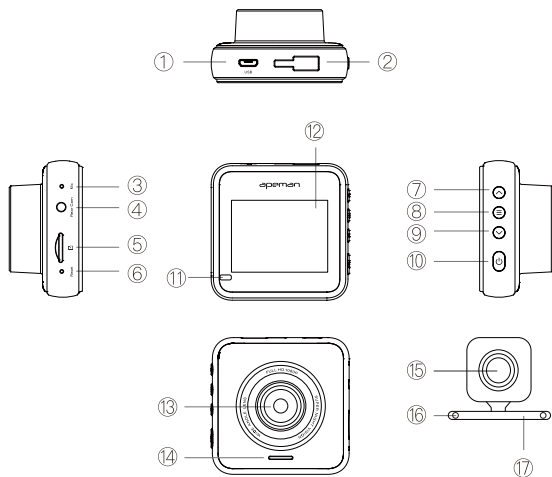
⑤ Micro USB Cable

⑥ Car Charger

⑦ Rear Camera with Cable Kit

## Camera Overview

EN



① Power Port

② Mounting Groove

③ Microphone

④ Rear Camera Interface

⑤ MicroSD Card Slot

⑥ Reset

⑦ Up

⑧ Menu/Mode

⑨ Down

⑩ OK/Power

⑪ LED Indicator

⑫ Display Screen

⑬ Camera Lens

⑭ Speaker

⑮ Rear Camera Lens

⑯ Tapped Hole

⑰ 3M Mount

## Button & Interface Description

EN

Button & Interface	Description
Power Port	Connect the dash cam with the car charger while driving. Connect to your computer with a usb cable while watching playback on it.
Mounting Groove	Attach mount to camera
Reset	Insert into the R hole with a pin to restart the machine under abnormal conditions.
Rear Camera Interface	Connect the rear camera.
MicroSD Card Slot	Insert a Class 10 microSD card with a capacity of 32GB.
Up	Press to navigate up within menus
Menu/Mode	Short press to access Feature Menu and System Menu. Long press to toggle video recording mode, photo mode, video playback mode.
Down	Press to navigate down within menus.
OK/Power	Short press to confirm, long press to turn on/off the camera.
Microphone	Toggle audio recording
Display Screen	2.0" IPS Display
LED Indicator	OFF: Battery not charging Solid Red: Charging battery, not recording Flashing Red: Video recording
Camera Lens	170° wide angle for optimum picture quality
Speaker	For audio playback directly from the camera



# Preparation and Installation

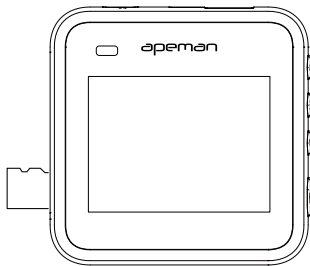
## Insert Memory Card

For reliable operation, please prepare a Class 10 microSD/ TF card with a capacity of 32GB.

- Insert a microSD card into the memory card slot located at the left side of the IPS screen. Be aware of the orientation shown in the picture below. (Electrical contacts of the microSD card should be facing the IPS display side of the camera, with the notches of microSD card facing up.) When the memory card is successfully inserted, you will hear a 'clicking' sound.
- To remove the microSD card, gently put its top edge inward until it clicks. It will pop up and can be removed.

### Tips:

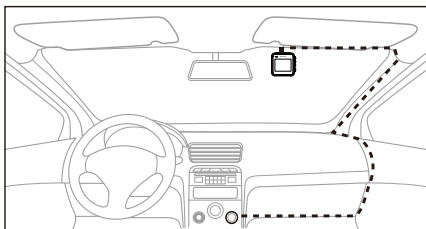
- The microSD card must be formatted when first used.
- For a 64GB/128GB card, please use a computer to format it with FAT32 file system before using.
- It's recommended to format the card regularly.



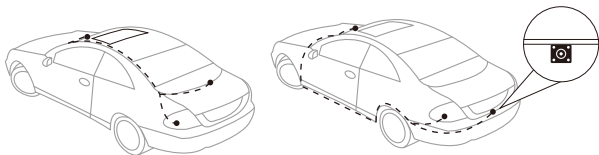


## Product Installation

- Clean the windshield using water or alcohol, and wipe clean with a lint-free cloth. Install the suction mount to the windshield, and rotate the locking bar on the mount upward 90 degrees till it clicks, then the camera is mounted on the windshield securely.
- Connect the microUSB Cable end of the Charging Cable into the Suction Cup Mount. Carefully route the power cable around the windshield and tuck the wire under the trim. When complete, insert the Car Charger into your vehicle's cigarette lighter port.



- Please follow the instructions below. Install the rear camera in the correct direction.
- In order to avoid damage to the dash cam, we suggest that you ask a professional to install it for you.



# Operation Instructions

EN

## Powering On / Off

### **Automatic:**

The camera is designed to automatically power on when it receives power from the car power adapter. A start-up sound will be played when the camera has started successfully.

When the camera is ON, simply turn OFF the engine or unplug the power cable and the camera will switch OFF automatically.

### **Manual:**

Switching the camera OFF manually is required for vehicles where the vehicle's power socket provides continuous power after the engine is turned OFF. To turn the power off manually, press and hold the power button for at least 3 seconds. A Countdown will display on the screen. Press and hold the power button until the camera is powered off.

To turn the camera on manually, press and hold the power button for at least 3 seconds.

## Mode Switches

Long press the mode(menu) button to toggle video recording mode, photo mode, video playback mode.

## Video Feature Menu

Press Menu Button once on Video Recording Mode

### **Resolution**

Default: 1080FHD

The resolution of the front camera could be adjusted. And the rear camera resolution is fixed at 720P.

## Loop Recording

Default: 3 Minutes (optimum for memory use)

When there is insufficient space on the memory card, loop recording will automatically overwrite the oldest non-protected file on the memory card, and replace with a new recording.

## Display Mode

Default: Split-screen

There are multiple display ways on screen to confirm if the camera works normally.

## WDR

Default: On

The purpose of wide dynamic range imaging is to correctly represent the large range of brightness in the real world from direct sunlight to darkest shadows.

## Exposure

Default: 0

This setting is associated with the light conditions that you are driving in, i.e. the darker the conditions the higher the “+” setting, or if your conditions are very bright sunshine then you should be using “-” settings.

## Motion Detection

Default: Off (optimum during driving)

When the camera has been turned on, the machine will automatically start recording when detects a motion in 3 meters' front of the car. If shutdown, it will restore the default state.

## Audio

Default: On

## Timestamp

Default: On

Please set the correct date and time in the "date/ time" settings before use.

EN

### **Gravity Sensor**

Default: Low (optimum for memory use)

When the G-sensor is activated due to a collision, the footage currently recorded will be automatically locked to avoid being overwritten by loop recording.

### **Parking Guard**

Default: Off

Please do not turn on it during driving.

Turn on this function, the device will automatically record when it detects car vibration in the parking state. Parking guard needs special power boxes for specific Car Dash Cam Camera to connect the ACC and GND in the safety box.

### **Headlight Warning**

Default: Off

When the front of dim light to a certain degree , this machine will make a notice and a flashing icon.

## **System Menu**

Press Menu Button twice

### **Date/time**

Press the Up or Down button to change the date and press the OK button to confirm the settings.

### **Auto Power Off**

Options: OFF/ 1 Minute/ 3 Minutes

When the camera is not recording, it will shut down automatically if there is no operation for a period of time.

## Beep Sound

Touch-tone

## Language

Options: 简体中文/繁体中文/ Deutsch/ English/ français/ Italiano/ Español/  
Português/ русский/ 日本語

## Frequency

Please select the correct AC frequency according to your region.

## Screensaver

Options: OFF/ 1 Minute/ 3 Minutes

In the recording state, the screen would be dark when there is no operation after a while, but the recording continues.

## License Plate

Please enter the license plate number.

## Format

Please format your SD card before first use.

Please format the SD card every 15 days to prevent the card from being full, resulting in the camera not recording properly.

## Default Setting

Select OK to restore the default settings.

## Version

# Product Specifications

EN

Display	2.0" IPS
Lens	650NM lens
Angle	170°
F/No.	1.8
Minimum Illuminance	0.1Lux
Record Method	Loop Recording / Motion Detection
Files Format	MOV
Video Encoding	H.264
Video Resolution	1920×1080, 1280×720, 640×480
Camera Resolution	4032×3024, 3648×2736, 3264×2448, 2592×1944, 2048×1536, 1920×1080, 1280×960, 640×480
Video Output	No
Seamless Video	Yes



## FAQ

- Q:** The screen asks "Please insert SD card", but I have inserted the microSD card, what should I do?
- A:** Please check if the SD card has been formatted before first use, or replace a new premium-brand class 10 SD card with capacity 32GB.
- Q:** The camera automatically shuts down after one-minute-recording. What should I do?
- A:** The screen backlight time of the camera defaults to be one minute. As long as the blue light flashing, the recording is still continuing. You can also change the backlight time in the system setting-screensaver.
- Q:** How can I make it record when I park my car?
- A:** Please prepare a extra hard wire kit to keep continuous power supply, then it will work during standby condition.
- Q:** When driving, the camera will beep and show a headlight symbol on the screen. What does it mean and how to do?
- A:** It's the function " Headlight warning". Headlight Warning means the dim light in the front has reached a certain degree. Therefore, it will make a notice and show a flashing icon. Please turn off it in the menu of " Headlight warning".
- Q:** Can I playback the video on the dash cam?
- A:** You can view the recording in playback mode. If it is a locked video, there will be a "lock" sign on the video.