ZEBRONICS

Dash Cam

ZEB DC20



User Manual

www.zebronics.com

Dear Customer,

Thank you for purchasing the "**ZEB-DC20"** Dash Cam. Please read this user manual carefully before operation & save this user manual for further reference.

Note:

- *Avoid the usage of this product at the high temperature and high humidity environment.*
- *Avoid the self-disassemble of the product as it results in the failure of Warranty.*

To know more about Terms and conditions for warranty policy, please visit

https://zebronics.com/pages/warranty-policy

Features:

- Single Channel Dash Cam
- Emergency Event Recording
- Full HD 1080P Front Camera
- Wide-Angle Lens
- Wi-Fi Connect
- APP Support ZEB - AutoShield
- Loop Recording
- Parking Monitor*
- Built-in G-Sensor

Specifications:

Front Dash Camera

Resolution	: 1080p (1920 x 1080p)
Angle of View	: D134°/H111°/V57°
Image Sensor	: 1/2.8
Lens	: 3.19mm
Max. Aperture	: f/2.0

Video & Photo

Video Format	: mov
Video Resolution	: 1CH 1920 x 1080 30FPS
Photo Format	: JPG
Video Compression	: H.264

Functions

Smart Features	: Time Lapse*, Parking Mode*, G-Sensor, Collision Detection
Record Type	: Loop Recording, Emergency Event Recording Lock, Recording on Demand, Parking mode*, Time-Lapse*

Technical Details

Connectivity	: AP Mode** (Wi-Fi 2.4GHz)
SD Card	: 256 GB
Mobile App	: ZEB - AutoShield
G-Sensor	: Built-In
Battery	: Button Cell

Power Supply	: Car Cigarette Lighter Socket
Power Input	: 5V, 1A
Power Port Type	: Type C
Working Temperature	: -40°C - +70°C
Product Dimension	: 7.5 x 3.4 x 3.7 cm (W x D x H)
Net Weight	: 33 g

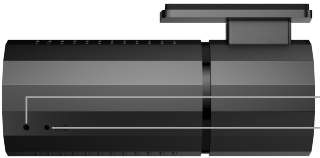
**Please note time lapse and parking mode is supported with hardwire kit only.*
***Only for playback*
**** microSD card not included.*

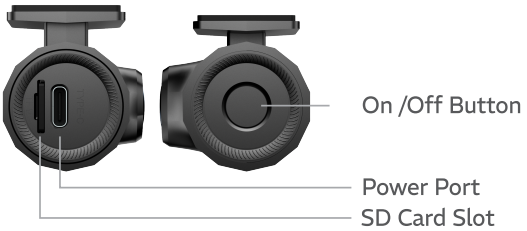
Package Contents :

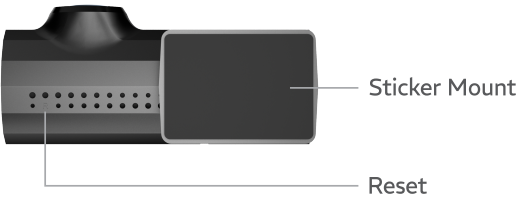
Front Dash Camera	: 1 U
Car Charger	: 1 U
Power Cable	: 1 U
Electrostatic Flim Big	: 2 U
Extra adhesive	: 1 U
Cable Clips	: 5 U
Pry Tool	: 1 U
QR Code Guide	: 1 U

Product Description:









Button Function:

- Short press to Turn On/Off Wi-Fi.
- Double click to turn On /Off recording.
- Press and hold for 3 seconds to lock the video.

(Press and hold for 8 seconds to set to Format Micro-SD Card and default settings)

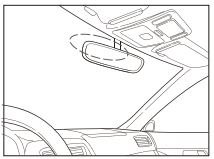
COLOR	STATUS
Red	ON
Green	Recording

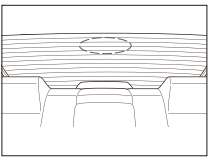
Installation:

1. Prior powering the Dash cam On, insert a mSD card into the slot (until it locks into place).

   Note: Please use class 10 or above high-speed U3 micro-SD card.

2. Install the front camera on the windshield at the comfortable position where the position of the camera does not obstruct the driver's field of vision (preferably behind the rear-view mirror).

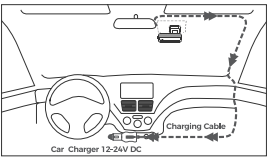




3. Remove any foreign matter and clean and dry the windshield before installation.
4. Tear Off the protective layer of the electrostatic sticker and adhere the electrostatic sticker to the windshield to prevent mark/glue on your windshield.
5. Peel off the protective film from the double -sided tape on the camera and attach it to the electrostatic sticker pasted on the front windshield. Adjust the tilt angle of view by adjusting the body of the front camera.



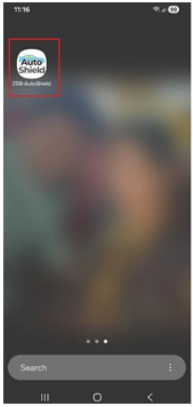
6. Power the camera using the car charger and the cable provided in the package. The camera works with DC 5V power input.



7. Turn on the engine. The Dashcam will power up and start recording. Video files are stored on the microSD card. Turn off the engine. The Dashcam will automatically stop recording and power down.

ZEB Auto Shield Application Configuration:

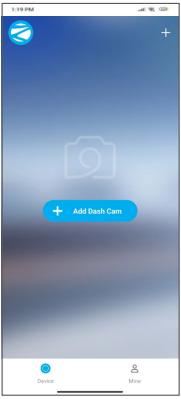
- Search for the ZEB-Auto Shield APP in the google play store / App store and install it on your smartphone.



- Go to Phone Select Settings> Wi-Fi> Select Wi-Fi of the dash cam.
- After it's connected to the Wi-Fi, it will say "No internet Connection" which is normal. Because dash cam Wi-Fi is only for Video/Photo transfer function, please ignore the prompt.

Note:
Wi-Fi Name SSID: ZEB-DC20_******
Default password: 12345678

Step 1: Select Screenless Dash Cam.



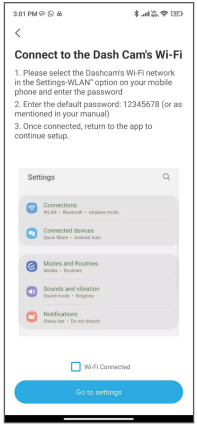


- While installing the app, please enable and give permission to the requested access.

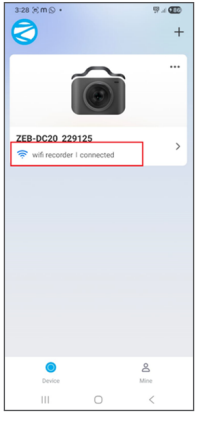
Step 2: Enable the check box and click next.



Step 3: Enable the Check box and click Next option.



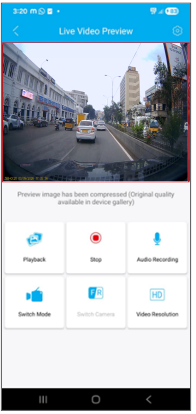
Step 4: After Added Camera it shows the status as connected.



Live Preview and Downloading the Recorded Files:

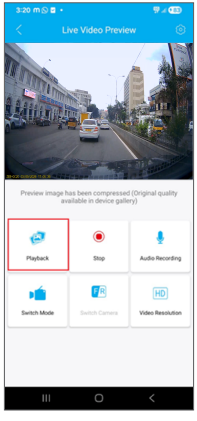
ZEB-Auto Shield app will support preview only when it is connected with the camera through Wi-Fi direct.

- Open the ZEB-Auto Shield app and click on the connected dash camera and it will redirect to the live preview page.



- The live video will be displayed on the smartphone (via Wi-Fi direct).

  (Note: The video will be recorded by the dashcam only when the mSD card is present)

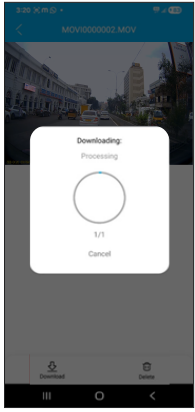


- To access the Playback (recorded files), “STOP” the recording first, then press the “Playback” to access the Photo, Video, Event files.



- To download the file (into your smart phone), click on the select option (top right side of the screen) and select the videos you need to download.



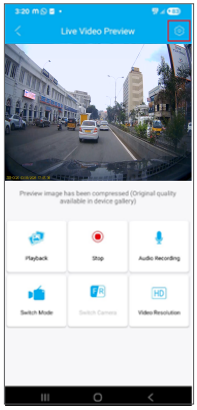


- Press the “download” tab to download the video files.

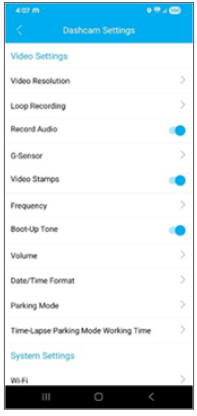
  (Note: Downloading the files is time consuming)

Accessing the Settings:

- Open the ZEB-AutoShield app and click on the connected dash camera and it will redirect to the live preview page.
- On the dashcam preview interface, click on “STOP” (recording) first, and then click on the “settings icon” to access the settings.



- Check the list of settings and customize the same as per the usage requirement.



General Setting

Video Resolution:

The video resolution of this camera is 1920x1080P 30fps.

Loop Recording: 1min (Default)/2 mins/3mins

Here selects the length of (1/2/3 mins) each video clip for the loop recording. This function allows the dash Camera to continuously record. Please notice, the dash cam will delete the oldest files automatically when the memory card gets full so that it can keep recording over and over.

Record Audio: On (Default)/ Off

The dashcam has a built-in microphone to record audio with video. You can choose to record mute video by choosing "off"

G-Sensor: Off/Low/Medium (Default)/High

G-sensor is a 3-axis impact gravitational accelerometer, designed to detect physical and gravitational forces on the dash cam. Once the G-sensor has been triggered due to physical or gravitational impact force on the camera, the current video file will be locked as an emergency file so it won't be deleted by loop cycle function.

Video Stamps: On (Default)/Off

You can choose whether to turn off the time watermark of the downloaded video.

Boot Ringtone: On (Default)/Off

This feature allows you to turn ON/OFF the camera's Boot Ringtone.

Volume: Off/Low/MED (Default)/High

This feature allows you to set the volume level for the boost sound volume, prompt volume through the camera's internal built-in speaker.

Date/Time Format

This feature allows you to select the date format.



- You can choose your desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Parking Mode:

This function will only work when the Hardwire kit is installed properly. Then select parking mode. This parking mode has two options to choose from

- Time Lapse Parking Mode
- Collision Detection Parking Mode

Time-Lapse Working time:2 hours/8 hours (Default)/12 hours/24 hours

This setting allows you to choose the working time of Time-lapse Parking mode.

System Settings

SD Card Information:

Storage information of the memory card can be found here.

Wi-Fi:

Here you can change the Wi-Fi password of the dashcam through the APP, the default password: 12345678.

Format SD Card:

The formatting process will make sure that the card's file system format is optimized for the camera.

Default Settings:

Reset the Dash Cam settings to default settings. Your recordings will not be affected.

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