

# VISION 500 User's manual



# Vision 500 English Manual

Thank you for purchasing the motorcycle camera Vision 500. This manual will go over how to properly use the dashboard camera and provide you with detailed product information regarding operation, precautions, and technical data. Please read this manual carefully.

## Disclaimer

The dashcam is provided as is and the recording videos is only for reference, the final adjudication will be judged by the police officer.

- In order to ensure the integrity of the video, please use a genuine high-speed U3 memory card (writing speed 60MB/s above) and format it regularly every 30/45 days.
- The terms and conditions are subject to change at any time without prior notice.

## Product Feature

- Dual SONY IMX335 sensor, highest spec in the market
- Dual 2K resolution, 3 different recording mode can be set
- Storage capacity: max. 128G
- Wi-Fi connectivity to smart phone
- Fatigue riding warning, reminds rider to take a rest and ensure safety
- Wired controller with 6 functions
- GPS module to speed & route and race mode

## Main Device Structure



1. Micro SD card slot
2. Reset hole
3. Display monitor
4. Power / OK button
5. Menu
6. Up button
7. Down button
8. Blue: Front camera
9. Green: Rear camera
10. Red: ACC cable
11. Black: GPS
12. Yellow: Remote controller
13. Sensor to detect the atmospheric pressure

## Key Operation

**Long press ⑥ Up button to turn off the Wi-Fi before using the below buttons.**

Button	Recording	Stop recording	MENU page
④ Power / OK	Short press: stop recording	Short press: start recording	Short press: enter selected menu or confirm selection
	Long press: Turn on / off the camera		
⑤ Menu	Short press: Turn on / off the MIC	Short press: Go to the menu page	Short press: Go back to the recording mode
⑥ Up	<ul style="list-style-type: none"> <li>● Long press: Turn on / off the Wi-Fi</li> <li>● Short press: Switch the front &amp; rear camera</li> </ul>		Scrolls through menu items
⑦ Down	Short press: <ol style="list-style-type: none"> <li>1. Go to the HUD mode</li> <li>2. Go to race mode counting page (after selecting the race mode from the setting menu)</li> </ol>		Scrolls through menu items
② Reset hole	Back to the default setting		

**Note:**

When Wi-Fi is on, all the buttons are disabled. Please turn off the Wi-Fi before pressing the buttons.

## Functions of the Remote

1. Short press: Screen ON/OFF
2. Long press + Short press: Format the memory card

1. Short press: Take photos
2. Long press: Lock the critical file



Indicator light:  
Recording – Flashing blue light  
Stop recording – blue light remains on

MIC

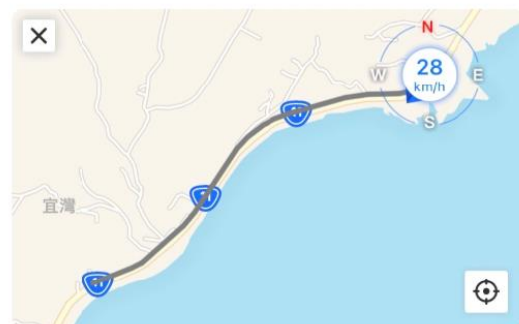
1. Short press: Switch front/rear frame
2. Long press: Turn on/off the WIFI

## GPS Module

1. Use the GPS to record the speed, route, altitude, and atmosphere pressure.
2. Date & Time will be automatically updated when the GPS is connected.



Recording Video



APP Playback

### GPS Installation Notice:

1. Put the GPS mark side up. Don't cover the GPS or put it next to any metal, or it will have interference of signal reception.
2. The GPS must be 20 cm far from the camera.
3. The reception of the GPS is related to the environment and the weather. Riding for 5-8 minutes to test the GPS is connected or not. After connection you can fix it tightly. (The first-time connection will be longer, after that it will be connected automatically).

### Product Specification

<b>Lens</b>	F/1.8 6-layer glass lens
<b>Sensor</b>	SONY IMX 335 5MP
<b>Resolution</b>	2K 30fps / FHD 1080P 60fps / FHD 1080P 30fps + HDR (default)
<b>Viewing Field</b>	150 degree
<b>Monitor</b>	2" IPS display
<b>Signal Type</b>	Ethernet digital signal
<b>IP Rating</b>	Display: IP67 Front & Rear Camera: IP68
<b>Video Format</b>	TS (default) / MP4
<b>Photo Format</b>	JPEG
<b>Wi-Fi</b>	YES
<b>GPS</b>	YES
<b>MIC</b>	YES (Built-in in the wired remote controller)
<b>Wired Controller</b>	YES

<b>G-sensor</b>	Low / Middle / High / Off (default)
<b>Fatigue Driving Warning Notice</b>	30 minute / 2HR / 3HR / Off (default)
<b>Race Mode</b>	0-400km/h or 0-400m option
<b>Battery</b>	Without
<b>Power Supply</b>	MCU power cable Input: 5V 3A
<b>Memory Card</b>	Max. 128G micro SD card ( U3 writing speed 60MB/s above)
<b>Language</b>	Simplified Chinese, Traditional Chinese, English, Russian, Japanese, Korean
<b>Dimension</b>	70 x 70 x 25 mm
<b>Weight</b>	107g
<b>Storage Temperature</b>	-10 ~ 70°C
<b>Working Temperature</b>	-10 ~ 60°C
<b>Working Humidity</b>	10-85% RH
<b>APP</b>	LOOKINGCAM

## **Installation**

1. The display monitor is IP67 waterproof, it can be mounted outside. There are some different types of mounts can be used.
2. Hidden installation of the camera lens, adjust the lens angle to the right direction when the installation is done.
3. Please use the full set of the cable and machine, the charger transforms the voltage from 12V-24V to 5V. Please connect red cable to Key-on, yellow cable to B+ and black to GND.

4. The MCU power cable detects the stability of the electric current of the bike. The machine will be turned on in 5 seconds and turned off in 15 seconds when the bike is off.
5. The wired controller has built-in MIC, don't cover it when installation.
6. The position of the GPS module must be put on the exterior, cannot be covered by any plastic or metal. The wire of the GPS module must be tied up independent to avoid any signal interference and keep 20 cm far from the camera.

## **Insert Micro SD card**

1. Remove the screws of the cover carefully, don't drop them.
2. Insert the Micro SD card according to the indicated direction.
3. To remove the memory card, push the card in and the card will automatically pop out.
4. Press the TF card slot cover tightly to make sure it's well sealed.

### **Note:**

1. Please format the memory card when using a new card in this device for the first time.
2. Please use the U3 Micro SD card (Writing speed 60MB/S above).

## **Pop Up Memory Card Format Notification**

1. A notice to remind users to format the memory card. The default setting is 30 days.
2. Reminder methods: (1) Display monitor (2) Lookingcam APP.
3. When the notification pops up, the machine is still recording in the background.
4. After formatting the card, all the files will be deleted. Please save the important files before formatting. Press the up button to hide the notification temporarily.

**Note:** Format the memory card regularly to extend the lifespan of the card and ensure the camera is recording stably.
























**Pop up memory card format notification**

## Display Interface

Pop up when locking the current file

Current date & time



A			Green: GPS connected / White: GPS disconnected	
B			G-sensor ON / OFF	
C				Recording resolution
D				Loop recording segment
E			Mic status	
F			Recording time	
G			Stop / Start recording	
H			Mic ON / OFF	
I			Switch the front & rear camera	
			WIFI ON / OFF	
J			Enter the HUD mode	

## HUD Mode

In the recording mode, short press the **7** down button to enter the HUD mode.



### HUD MODE

<b>K</b>	Compass
<b>L</b>	Speed
<b>M</b>	Speedometer
* Connect GPS to get the data	

## Race Mode

1. Choose the race mode in the menu first and go back to the recording main page.
2. Press the **7** down button to enter the race mode.
3. Press the **4** OK button to start the stopwatch, when the riding speed/distance is achieved there will be a record in the left column.
4. To continue, press the **7** down button and then **4** OK button to start the stopwatch again.



### RACE MODE

<b>N</b>	Record
<b>O</b>	Stopwatch
<b>P</b>	0-400km/h or 0-400m
<b>Q</b>	Riding distance & speed

## **Fatigue Riding Warning Notice**

After riding for a long time, a fatigue riding warning notice will pop up to remind rider to take a rest.



**Fatigue Riding Warning Notice**

## **WIFI APP**

Please scan the QR code to download the APP,  
or search LOOKING CAM on Google play/APP store.



iOS Looking CAM



Android Looking CAM

1. Scan the QR code to download the app.
2. Switch on the motorcycle camera and Wi-Fi function (the Wi-Fi default setting is ON).
3. The Wi-Fi name & password will show on the display. Password: 12345678.
4. After the device is linked, you may now use the APP.
5. Only when connecting the GPS, the riding speed, route, altitude and pressure will be recorded. The recording route will be shown when playback.

Note: When the device is on, the Wi-Fi is auto on. Long press **⏻** Up button to turn off the Wi-Fi before using the other buttons. Long press **⏻** Up button again to turn on the Wi-Fi.

## **Problem Shooting**

- Can't record: Check the TF card if there is enough space.
- Stop recording while riding: (1) Check the TF card if is U3 and with writing speed 60MB/S above. The TF card writing & reading speed is strongly required. (2) Check the loop recording is on or not.
- Memory card error: (1) Check the TF card if is U3 and with writing speed 60MB/S above. The TF card writing & reading speed is strongly required. (2) Check if it's Pop Up Memory Card Format Notification.
- "Wrong file" or "damaged file" showed: Check the TF card and format it (please use the device to format the memory card, not by PC). If the TF card has problem, the file can't be saved properly.
- Fuzzy image: Check the camera lens and clean it.
- The image is shaking: (1) Check the lens bracket is fixed tightly. (2) Check the installation of the device, if it's too closed to the coil and spark plug, it will have signal interference.
- Buttons no work: Turn off the WIFI first, if the Wi-Fi function is on, the buttons will be disabled.

If you need any further assistance, please email to [sales@lookingtaiwan.com](mailto:sales@lookingtaiwan.com).

THANK YOU!