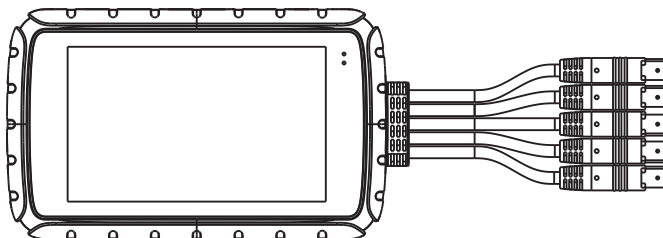


**Blueskysea®**

# DV988 Motorcycle Camera

## User Manual



Thank you for choosing Blueskysea DV988 Motorcycle camera. Please read this user manual carefully before use, and keep it for future reference. If you need any assistance, please feel free to contact our customer support team by emailing us at [support@blueskysea-inc.com](mailto:support@blueskysea-inc.com).

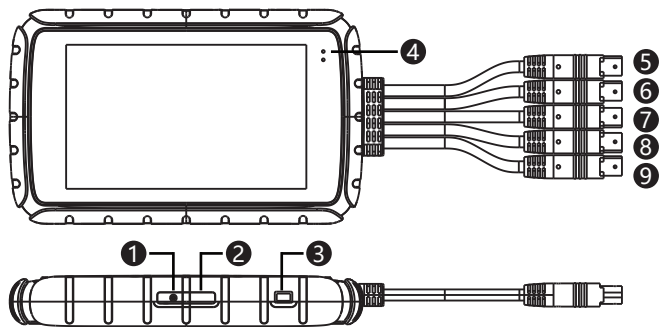
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## Main features

1. This DV988 Motorcycle camera comes with 2 (two) full HD 1080p cameras. Both the front and rear cameras record high quality video 1080P at 30fps.
2. This product has a 800x480 DPI (dot per inch) display, which can be operated by touch. It is very convenient to use and very bright, day and night.
3. The camera starts recording automatically when the ignition is switched on and stops recording automatically when the ignition is switched off, after a brief shutdown sequence.
4. The product has a safety riding reminder function, which will send out reminders when riding at overspeed or overtime, making riding safer.
5. The main DVR unit and cameras are rainproof (IP67 rated), so it is absolutely fine to use them on a rainy day.
6. This product is simple and easy to use. Watching videos and setting items can be done through the mobile app.

## Structure Diagram



① Reset Hole

② Micro SD Card slot

③ Power Button

④ LED Indicator

⑤ GPS

⑥ Wired Controller

⑦ Power Adapter

⑧ Rear Camera

⑨ Front Camera

## Package contents

1x DV988 2CH Camera DVR unit	4x Screws for cameras
1x Wired Controller	6x Bandages
1x USB Power Adapter	3x Spare 3M tape
2x 1m connection cable	1x User manual
1x 2m connection cable	1x GPS module (optional)
1x L Shaped Hex	1x Hardwire Kit (for power connection to fusebox instead of accessory socket, also provides parking mode and battery protection)
Screwdriver	
1x Adapter	
1x Fixed Base	
1x Handlebar Bracket kit	

## Button Function & LED Indicator

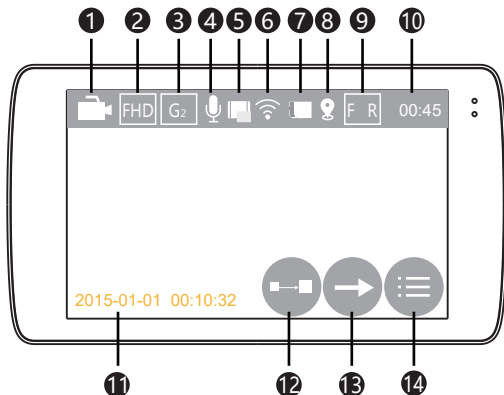
Button on wired Controller	In Preview mode and Recording mode: Short press to take photos. In recording mode: Long press to lock current recording file.
Button on main body	Power button Long press: Power ON/OFF Short press: Display ON/OFF Reset button Long press: Restart dash cam
LED Indicator (main body)	Red light on solid: Power on. Red light blinking: Camera in Recording mode. Blue light on solid: Power on. Blue light blinking: GPS signal reception is normal.
LED Indicator (wired controller)	Red light on solid: Power on. Red light blinking: Camera in Recording mode. Blue light on solid: Power on. Blue light blinking: GPS signal reception is normal.

# Specification

Blueskysea DV988	
Chipset	MSC8339D
Sensor	GC2053
Lens Optical Parameters	5G(4G+IR),F1.8
Lens Angle	140 degree
Video resolution	Front: 1080P 30fps      Rear: 1080P 30fps
Host Waterproof Level	IP66
Lens Waterproof Level	IP67
Video Codec/Format	H.264 / MOV
Photo Format	JPEG
G-sensor	3 axis G-sensor, L/M/H level
Loop recording	Yes
Memory Card capacity	Class 10,256Gb max.
Screen	4" HD Touch Screen
Working Voltage	DC 5V
Working Current	1000mA~1100mA (DC 5V)
Working Temperature(°C)	(-20°C~60°C)
Working Humidity(°C)	15%-60%RH
Backup power source	Super capacitor (No lithium battery). (Ensures all video is written to memory card on power failure.)
Wi-Fi	Support
Wi-Fi APP	RoadCam
GPS	Yes

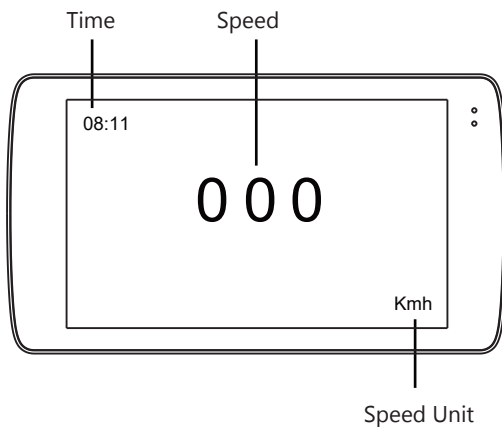
# Display Overview

## Home view



- |  |                                      |
|--|--------------------------------------|
| 1 Recording mode indicator               | 2 Video resolution indicator         |
| 3 G-sensor Sensitivity indicator         | 4 Microphone On/Off (mute) indicator |
| 5 Loop recording time indicator          | 6 Wi-Fi ON/OFF indicator             |
| 7 SD card status indicator               | 8 GPS connect indicator              |
| 9 Front and Rear camera status indicator | 10 Recording Time indicator          |
| 11 Date/Time                             | 12 Toggle screen view button         |
| 13 Start/Stop recording Button           | 14 Menu Button                       |

## Screensaver view



When the screen saver time has expired, the screen displays this view, which includes the current time and driving speed.

## Basic operation

### Insert/remove Micro SD card:

1. Insert one micro SD card (Class 10, 16GB or larger) into camera and push until it locks into place.
2. To remove the micro SD card, press the end of micro SD card until it clicks and releases from the slot, then pull out the SD card.

### Start recording:

Camera will start recording automatically when ignition is switched on. The red LED indicator light will flash while actively recording.

### Stop recording:

Camera will stop recording automatically when the ignition is switched off.

### Start/Stop Wi-Fi:

1. Click the menu button in the lower right corner to enter the menu page.
2. Click on the "Functional set" button and you will see the Wi-Fi setting menu "Wifi CARCAM".
3. Click on the "Wifi CARCAM" button and you will see the ON/OFF menu. You can start/stop Wi-Fi with this function.

## Vedio Playback

### Playback on phone:

Open the RoadCam App and press the video button to locate the video files.


### Playback on DV988:


1. Click the menu button in the lower right corner to enter the menu page.
2. Click on the playback menu and you will see 3 folders: Photo, SOS Video and Normal Videos. They store pictures and videos separately.

## Playback on PC:

1. Remove the Micro SD card and Connect to the computer USB socket via a micro SD card reader. Once connected, open the file browser and navigate to the SD card.
2. You will find Normal, Photo and a SOS folder. There will be three file folders when you access the memory card on the computer.

## You can obtain information from the video file name, for example:

 FILE191201-144624-000009F

 FILE191201-145006-000010R

"191201\_144624" indicates date/time

"000009" indicates Video serial number

"F" is for front camera video files

"R" is for rear camera video files

"Sos" file folder contains any videos that have been locked.

## GPS logger Playback:

The GPS signal will be saved in the video file if you connect a GPS module with the camera, and it is receiving GPS signal successfully.

The GPS route will be displayed on Google maps when you playback the video in GPS Player.

(Please download GPS Player software at <https://www.blueskysea-inc.com>)

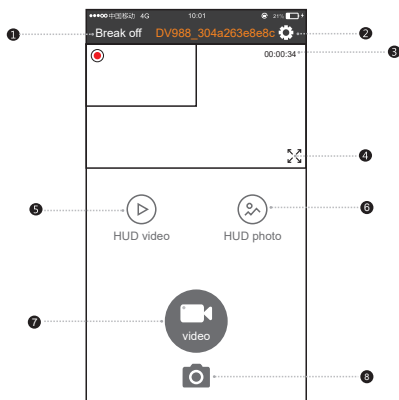
# APP Install & Use

## APP Install:

1. Search the app "RoadCam" on your phone, download and install it.
2. Turn on the Wi-Fi function via the Wi-Fi menu on the DVR.
3. To connect your phone to the wireless network, connect to NPD\_CarDV\_WiFi (default password is 12345678).
4. Open the Motorcycle camera App and Connect to the DVR Unit.

## APP Control:

1. In the APP Preview mode, press "video recording" button to start/stop video recording.
2. In the APP Preview mode, press "photo snap button" to capture photo;
3. In the APP Preview mode, press the menu button on the top right corner to enter main menu setup;
4. Within the menu setup, you can set up its resolution; Sound recording On/Off; Video partition 1/3/5mins; G-sensor level Low/Middle/High; Format memory Card etc.
5. In the APP Preview mode, press "HUD video" button to playback videos; press " HUD photo" button to view photos;
6. Normal looping recording video footages are stored in the loop recording section, and all locked video footages are stored in the emergency file folder. (see photo 3)
7. Short press to preview video footage on your smartphone, long press the video icon to download/delete video footages on your smartphone. (see photo 4)
8. In the APP Preview mode, press the Disconnect button in the top left corner to return to the dash camera connection interface.



- |                            |   |
|----------------------------|---|
| ① Disconnect dashcam       | ⑤ Video playback                              |
| ② Main Menu setting        | ⑥ Picture review                              |
| ③ Recording time indicator | ⑦ Video recording Recording Start/Stop        |
| ④ Full screen display      | ⑧ Photo snap Press one time to take a picture |

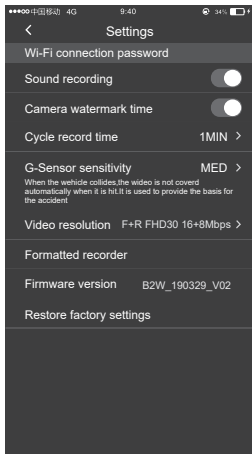


Photo 1



Photo 2

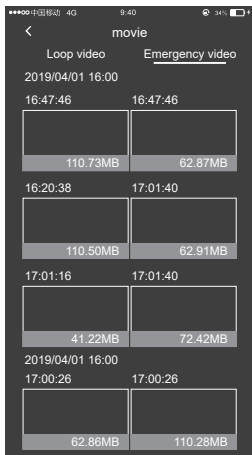


Photo 3

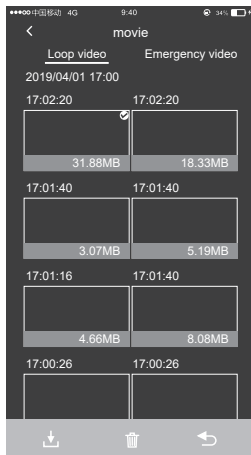


Photo 4

# Menu Settings

## System Set

**Volt set:** 11.5V | 11.7V | 11.9V | 12.1V | 12.3V | 12.5V, Default: 11.5V

In order to prevent the motorcycle camera from excessively consuming power and causing the battery to fail to start the motorcycle, this option provides voltage protection. When the battery voltage is lower than the set voltage value, the parking mode is automatically turned off.

### **Voice:**

Set touch sound ON/OFF and volume.

### **Format SD:**

Formats the microSD card to be ready for use with the camera.

Warning: This operation will delete all existing data on the micro SD card, including locked files and normal looping recording files! Make sure you back up any important files first.

### **Clock Settings:**

Set system date and time.

Notes:

If you have a GPS module then the GPS will set the time, however you must still set the local time zone correctly, with adjustment for Daylight Savings Time if required. Otherwise the GPS module will continuously set the wrong time – See GPS Time Zone menu.

### **Reset Setup:**

This setting restores the device to its original manufacturer settings.

### **Language:**

Sets the on-screen display language to English, Japanese, Traditional Chinese, Simplified Chinese.

### **FW Version:**

This setting displays the current internal firmware version. When contacting customer service or support (support@blueskysea-inc.com) please have this information available.

## Preference

**LCD Save:** OFF | 1 min | 3min

The LCD screen display screensaver view if not used for this time period, if the screensaver is set to Off then the LCD screen will always be on. Having the screen display screensaver view will avoid distracting the driver unnecessarily, especially at night.

**Safe Mode:** Speed | Time | OFF

Set the maximum riding speed and time. When the speed or riding time exceeds the set value, a warning will be issued.

There are six available settings for speed: OFF | 60km/h | 80km/h | 100km/h | 120km/h | 130km/h. The default value is 60km/h.

There are five available settings for time: OFF | 1h | 2h | 3h | 4h. The default value is 60km/h.

**Protect Level:** Off | Low | Middle | High Sensitivity, default: Middle

The G-sensor measures shock forces and locks the current video file automatically when the set threshold is exceeded. The settings from "low" to "high" determine the amount of force needed to lock the file.

Note: Locked files must be manually deleted periodically to prevent the microSD card filling up with locked files.

**Sound Record:** On | Off

Turns on/off the microphone (Mute).

**Movie Clip:** 1min | 2min | 3min | 5min | 10min

Selects the loop recording file length. Once the microSD card is full, the camera will automatically replace the oldest files with new files in a loop to allow continuous recording. Note that locked files are protected and will not be replaced. You must manually clear them off the microSD card when they are no longer required to avoid the card filling up with only locked files. To avoid the card filling up and thus preventing new recording, this option can be turned off.

## Rear Mirror

There are two options available: On/Off (this only affects rear camera), Default value is off.

**Auto-Rec:** ON | OFF

ON: If the screen is not operated within 30 seconds, it will automatically return to the home page and start recording.

OFF: If the screen is not operated, it will stay on the current page and will not automatically return to the home page and start recording.

**SOS Cycle:** ON | OFF

The storage capacity of the SD card is fixedly allocated: 69% for normal videos, 30% for emergency videos, and 1% for pictures. For example, a 100G card has a maximum storage space of 69G for normal video, a maximum storage space of 30G for emergency video, and a maximum storage space of 1G for photos.

ON: When the storage space of the emergency video reaches the upper limit, the new emergency video file will overwrite the old emergency video file and be saved in a loop.

OFF: When the storage space of the emergency video reaches the upper limit, the recording will be stopped.

**Functional set****Parking Monitor:** ON | OFF

This menu sets the ON/OFF of the parking monitoring function. If it is set to "off", the parking monitoring function is invalid. If it is set to "ON", an impact is detected by the G-sensor then the camera starts video recording again automatically to record the incident.

**GPS:** ON | OFF

Turns On / Off the GPS logging.

A GPS module is used to record the location and speed data in the recorded videos. If disabled, your camera will no longer measure your speed, position, or synchronize the time.

Note: For correct synchronization with GPS time, the time zone and Daylight Savings adjustment must be correctly set using the Time Zone menu.

**Wi-Fi CARCAM:** ON | OFF

Turns on/off the Wi-Fi function.

**Flicker:** 50HZ | 60HZ

There are two options available: 50Hz/60Hz.

This option should be set according to the power supply specifications used in your country or geographical region. For example, US users should select 60HZ value.

**Time Zone**

There are thirty-three available settings for time zone: -12:00/-11:00/-10:00/-9:00/-8:00/-7:00/-6:00/-5:00/-4:00/3:30/-3:00/-2:00/-1:00/0/1:00/2:00/3:00/3:30/4:00/4:30/5/5:30/5:45/6:00/6:30/7:00/8:00/9:00/9:30/10:00/11:00/12:00/13:00.

The default value is +9.

**Speed Mode:** Km/h | Mph

Sets the measurement units for the vehicle speed overlay on the recorded video.

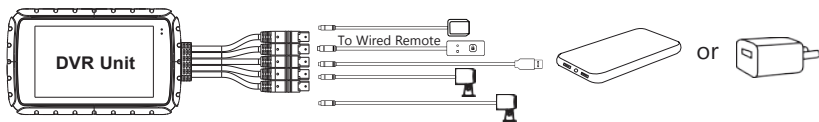
## Notice

1. Please use the supplied power adapter and USB Power cable only.
2. Never disassemble or attempt repair of this product. Doing so may damage the DVR Unit, causing electronic shock and void your product warranty.
3. Never short-circuit the battery.
4. Exposing the DVR Unit to open flames can cause explosion.
5. Due to local laws and vehicles safety considerations, do not operate the device using the Dash Cam App while moving.
6. Please read the user manual carefully before operation.

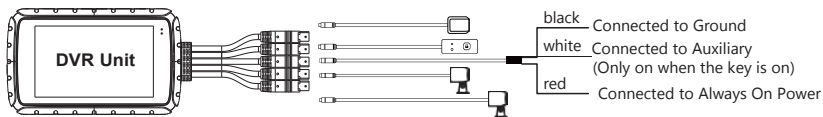
# Installation Guide

## Quick Test

1. Insert a memory card (minimum 16GB – maximum 256GB) into DVR Unit.
2. Connect cameras A & B on DVR Unit being sure to match the arrows and to not force the connectors.
3. Use the USB cable provided to connect the DVR Unit to a power source, 5V USB phone charger or a USB power bank. (Do not plug into a computer.)
4. The camera should start video recording a few seconds after the power is connected and its screen will show the output from both cameras.
5. If necessary, format the microSD card so recording can start. This can be done using the dash camera menu.



## Power adapter wiring diagram



- Connect the Red wire to the positive 12VDC source that is always on.
- Connect the White wire to a positive 12VDC source that is controlled by ignition key (also known as ACC port).
- Connect the Black wire to the negative source, battery or ground on the bike.

## Quick Installation Guide

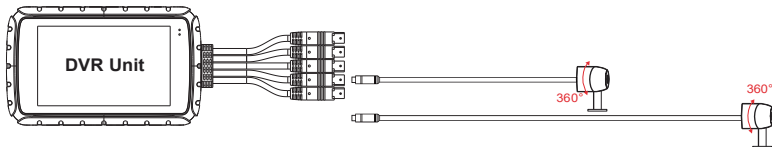
1. Locate the proper place to fix the front & rear camera, wired controller, GPS tracker (optional) and DVR Unit.
2. Plan the path of camera cables and power cable before installation. Most bikes will require you to remove the fuel tank to properly run the cable for the front camera.  
The wired controller cable, and/or the GPS tracker cable may also have to run under the tank, so plan the mounting locations before putting your fuel tank back on.
3. Fix and connect the front and rear cameras by your method of choice (3M tape, screws, cable ties) in the proper viewing location.  
Note: If you plan on using 3M tape, you should properly clean the surface. If you use a top coat paint product, it can limit the ability of the 3M tape to adhere properly.
4. Connect the supplied power adapter.

It is recommended that the supplied power adapter be connected to the ignition, fuse box, radio or lights so the system starts up and shuts down with your bike. On the other hand, it can be connected to your battery, but you will need to make sure to turn the unit off manually after rides to avoid draining the battery.

The position of the DVR Unit and camera cables should be away from the high-voltage circuit like xenon lamp, ignition plug etc. If your motorcycle uses a traditional carburetor system, please try to change to a suitable R-value ignition plug.

## Camera Adjustment

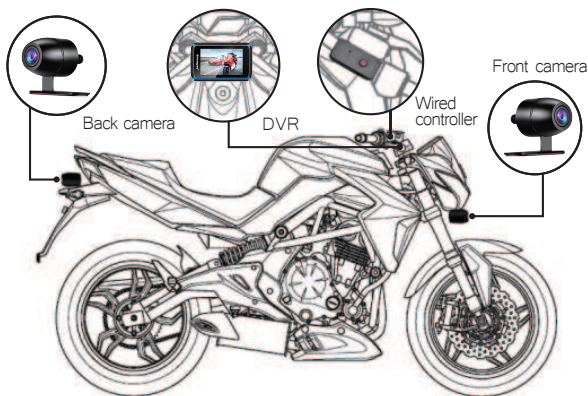
Loosen the lens cap, and while viewing the screen on the RoadCam App on your phone, rotate the lens body to adjust the horizontal view angle.



## Camera System installation

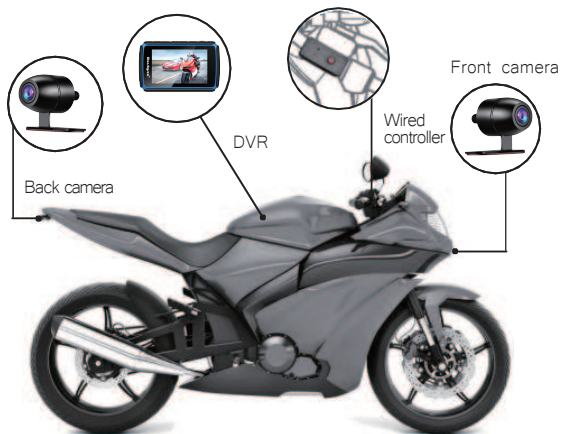
### Method 1 :

The DVR unit is installed in the front position. In this installation method, the front camera cable is 1 meters, and the rear camera cable is 3 meters.

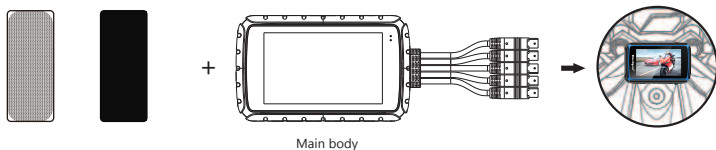
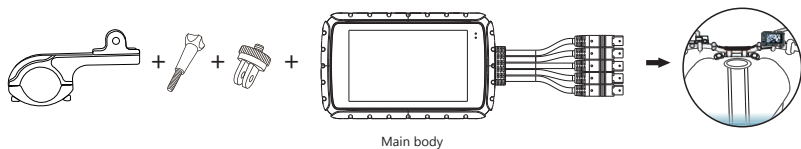


## Method 2 :

The DVR unit is installed under the seat or in a storage compartment. In this installation method, the front camera cable is 2 meters, and the rear camera cable is 2 meters.



There are two supplied installation options for the DVR Unit. It can be installed using the Adapter and Handlebar Bracket, or velcro.



The image is for reference only. If you do not know how to install it properly, we recommend you contact a local professional motorcycle workshop to install it.

## Troubleshooting

### **Problem: Unit beeps when power is applied**

Solution 1: No MicroSD card installed in DVR Unit, install approved MicroSD card

Solution 2: Bad MicroSD card installed, try another card

### **Problem: Unable to connect to DVR Unit using RoadCam App**

Solution 1: Verify that you are connected to the wireless network(NPD\_CarDV\_WiFi)

Solution 2: Close the App on the phone, connect to the wireless network and open the App

Solution 3: Power off the DVR Unit, close the App and power off your phone.

Power on the DVR Unit, power on your phone, connect to the wireless network (NPD\_CarDV\_WiFi), open RoadCAM App.

## Customer Contact information



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