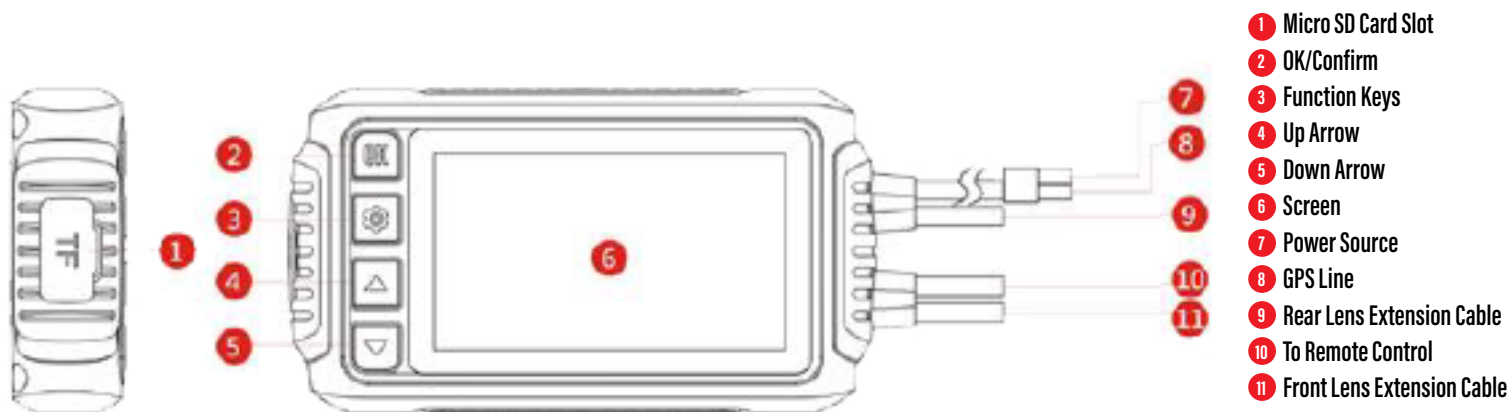# 4th Gen Moto Pro Cam Dual WIFI DVR Cam System for Motorcycles & ATVs
USER MANUAL

Thank you for your purchase, please read this manual carefully before using this system.
If you have any questions, please contact our customer service team.

BUTTON FUNCTIONS

1. Micro SD Card Slot
2. OK/Confirm
3. Function Keys
4. Up Arrow
5. Down Arrow
6. Screen
7. Power Source
8. GPS Line
9. Rear Lens Extension Cable
10. To Remote Control
11. Front Lens Extension Cable

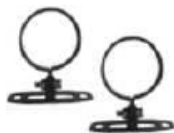## ACCESSORIES

DVR/Monitor

Power Mode

USB Cable

Velcro

Multi function remote (optional)

Pair of Bullet cameras and extension cables

Lens Mount

Support

(optional) GPS

FUNCTIONS

Before use, please insert the micro SD memory card with contact face up. Please use a type 10 or faster micro SD card.

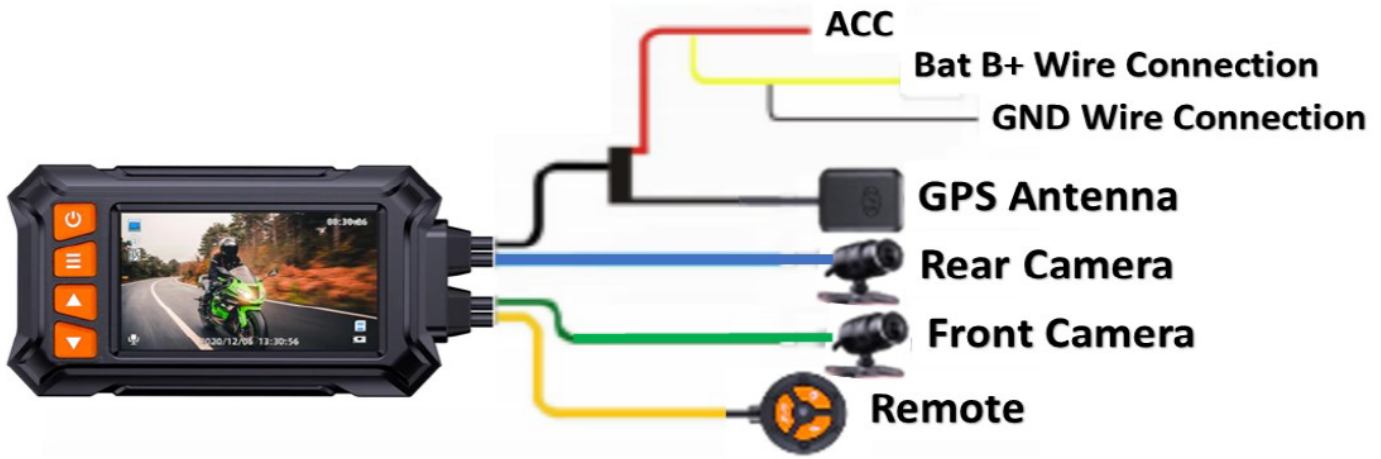Press to Confirm-Power Off/On: Press & Hold

Press for Mode-Function Selection: Press & Hold

Micro SD

Switch Camera Views: Press Up/Down Arrows

Take Photo: Press & Hold

Before installing the system, please connect cameras to the DVR and run the system using a power bank or USB power outlet, using the supplied USB cord. Make sure the unit turns on and camera views are visible on the screen

- Locate the location you would like to install the DVR with the display. Can be installed on the handle bar using included mount, or under your seat or bag using provided Velcro.
- Locate desired location to install the front and back cameras. Note, you can install the cameras in any angle since the cameras can rotate inside the camera brackets. Also the supplied brackets can tilt within a large degree for your convenience. Install the camera mounts, using the already placed adhesive. You can also use screws or zip ties to install these mounts. Place the cameras in the brackets and run the camera wires to the DVR location.
- Connect the power module to power source as illustrated above. Red wire should be connected to ignition, an accessory port, fuse box (must use 5Amp 20W or higher) or other regulated power. The yellow and black to battery ports, positive and negative respectively. Please note, most new motorcycles and power sports offer regulated USB power outlets. You may power the system via USB using supplied power cord instead of using the power module. If you connect to a USB port, make sure you are plugging into a full power USB port that is 5Amp 20Wor better.
- Connect the camera and power module to the DVR. Make sure to connect the front and back cameras to the correct input of the DVR as illustrated. Please note color coding on the connection interfaces. DO NOT force the connections, they should slide right in once you have the groves aliened.

Accessories

- GPS : It is recommended to place the GPS antenna in open air for better reception.·Multi Function Remote: Should be placed close to your reach.

Manual file lock:

- In the video recording mode, press the [Lock Button]. A lock symbol appears at the top of the screen, with the LED light. Please delete the locked files once no longer needed to open space for longer recording·Capture an Image: Press the Camera button to take a photo·Recording: Press the speaker button to turn on / off the radio

Video Indicator Descriptions

Light	Description
1 second slow flash	Recording status
Flashes quickly	Lock
Long Bright	Standby

Interface Descriptions

Video Record	Battery Status
Video Resolution	GPS Signal
Recording Time	
Mic Status	SD Status
Date	WIFI Status
Time	
Speed	

WIFI FUNCTIONS:

This system can connect wireless to your mobile phone or tablet via WIFI offered within the system. To connect to your mobile phone or tablet:

1. Download the APP using the QR code below.
2. Open the APP with your phone next to the system.
3. Available WI-FI, look for DSY-WiFi_XXXX and connect using password: 12345678

To access the menu, you must first have the unit in the pause mode (Recording OFF). If the system is recording (elapse time meter on top right of the screen in orange), press the OK button. The meter stops running and turn into white. In this mode: Press and hold Function button for about 3 seconds. Main menu will be displayed. use the UP and DOWN buttons to go over settings, click OK to choose. Use UP and DOWN buttons to chose your sub menu settings, click OK to save and exit.

Resolution: You can chose the resolution of video recording . Your options are: 720p and 1080p . for best video quality choose 1080p, for longest video recording choose 720p. Default:1080p

Video file length: Sets the length of your video files. By choosing OFF, the loop recording is disabled. DVR will record in long 2GB files (about 15 minute) until memory card is full, & stops recording. Default: 3 minute

Time laps recording: Cameras will take a picture on a time laps according to this setting. Default: Off

Motion Sensor: Stops recording when no motion has been detected. Default: Off

Video Format: Choose your video format between MP4 and TS. Please note for TS you must use a high speed memory card, Default: TS

Audio Recording: Turn on or off audio recording. Default: On

Date Stamp: Turn on of off, time display. Default: On

Gyro Calibration: To caliber gyro on cameras. Good idea after using the system for a long time.

File lock: Locks files on turns (left, right or U turn) if your speed is high. Default: Medium.

G Sensor: Adjusts the sensitivity of force needed to triggers to lock the file. Default: Medium.

Wi-Fi: to turn on or off the WIFI signal. Default: On

Date/Time: to set the format of date and time. Default: YY/MM/DD

Auto Power Off: Elapse time for system to shut off, after ignition has been turned off. Default: 3min.

Notification Sound: Turns on and off the beep sound when you click on any button. Default: On

Time Zone: To set the time zone in your area. Default: GMT-08.00

GPS Speed: Record your speed from the satellite (With optional GPS tracker only). Default: On

Language: Choose between many available languages for your display. Default: English

Frequency: Set your power frequency based on your country. Default: 60Hz

Screen Saver: Choose the time for screen saver to be activated. Default: Off

Screen Mirroring: Activate mirror effect for your back camera on the monitor only. This function is very important if you wish to be able to see your back via the display while riding. Default: On

Format: Recommended once every few months. Please note all data will be deleted.

Default Setting: Erase all your changes to the setting and return the unit to the default factory settings.

Version: Provides information on the FW being used in the system

SPECS

Front camera resolution	1080P 30fps
Rear camera resolution	1080P 30fps
Lens aperture	F 1.8
Wide lens	150°
lens	6G all-glass lens + AR optical coating
Lens waterproof rating	IP67
Screen	3.0" IPS
File / format	H.264 / TS MP4
Voltage	5V 2.0A
GPS	✓
TF card	up to 256G B
Gyro	Comering lock
G-SENSOR	✓
microphone	✓
speaker	✓
Super capacitor	✓
Manually lock file	✓
Loop recording	✓
Operating temperature	14 to 140 F
Storage temperature	14 to 160 F
Operating Voltage	DC12 / 24V
Size / weight / material	87*55*25mm / 107g / ABS

Limited Warranty

Congratulations, you have made an excellent choice of this quality product.

Our commitment to quality also includes our customer service and product service.

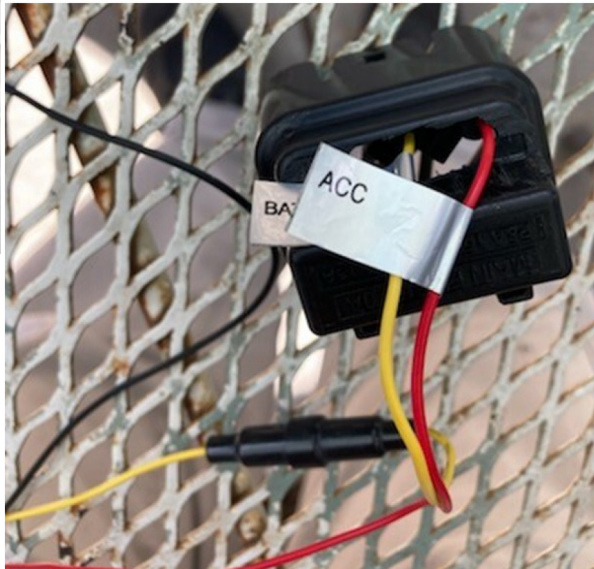Please contact us at if any questions or comments.

SPECIAL NOTES

USB POWER CABLE INSTALL:

Must connect to a 5Amp 20W fuse or higher when using the USB cable to power device.

HARDWIRE POWER CABLE INSTALL:

The hardwire wire leads which have fuse like connection on the end should be installed in place of the acc fuse @ battery fuse. Please refer to photos for more detail.

Power will be supplied from this terminal

These two wires are from the motorcycle POS and NEG accessory terminals. POS is attached to terminal 30 and NEG is attached to terminal 87

12V power is supplied from an auxiliary fuse panel mounted near the battery.

This is the relay used, a standard horn/light relay that can be bought in any auto parts store. Terminals 30 and 87 are the armature connections. Teminals 85 and 86 are for supplying power to the accessory being used