

# **MVR G1 PRO**

## **MOTORCYCLE VIDEO RECORDER**



**CAMERA**  
**IP69K**

### **Quick User Guide** rev01

This manual is including basic information of MVR G1 PRO for simple use.  
For more details including official user manual of MVR G1 PRO can download from GNET SYSTEM's website. (TBA)  
(<http://www.gnetsystem.com> > SUPPORT > DOWNLOAD)

## CAUTION FOR SAFE USE



© 2023 GNET SYSTEM CO.,LTD. or its subsidiaries All rights reserved. Under the copyright laws, this manual may not be copied, in whole or in part, without the written consent of GNET SYSTEM CO.,LTD. GNET SYSTEM CO.,LTD reserves the right to change or improve its products and to make changes in the content of this manual without obligation to notify any person or organization of such changes or improvements. Go to [www.gnetsystem.com](http://www.gnetsystem.com) for current updates and supplemental information concerning the use of this product.

GNET® and the GNET logo, are trademarks of GNET SYSTEM CO.,LTD. or its subsidiaries, registered in South Korea and other countries. GNET MVR G1™, are trademarks of GNET SYSTEM CO.,LTD. or its subsidiaries. These trademarks may not be used without the express permission of GNET.

microSD® and the microSD logo are trademarks of SD-3C, LLC. Wi-Fi® is a registered mark of Wi-Fi Alliance Corporation.

- Do not expose the unit to excessive shocks or debris.  
(This may damage the product or cause fire and electric shock.)
- Do not disconnect or modify the product at your discretion.  
(We are not responsible for any damage caused by user tampering.)
- While driving, please refrain from checking or operating the product for safety.
- When cleaning the vehicle, do not use volatile chemicals to clean the product.  
(This may damage the product or cause fire and electric shock.)
- Use the non-scratch lens cloth and clean the camera lens regularly to improve the quality of recorded video.
- If it is not used for a long period of time, the time of the product may be reset.  
Please always check the time. (Excluded when connecting external GPS.)
- When exposed to direct sunlight for a long period of time, recognition error of SD card and camera image distortion may occur due to temperature increase inside the vehicle. It's recommended that remove SD card and store it separately if long term parking at outside is unavoidable.
- Check the MVR G1 PRO periodically
- The product can be problem if you extend or cut cables yourself.
- Any specification can be changed for updating and improvement.

## CAUTION FOR MEMORY CARD



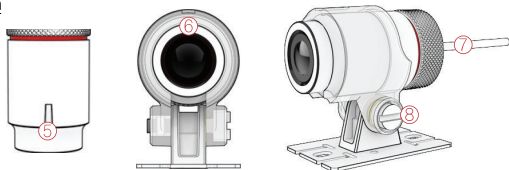
- The memory card is a consumable item, so it should be replaced periodically.
- Please purchase a genuine G-net memory card for preventing incompatibility problems. Only genuine SD card which is designated and supplied by G-net system is under warranty. Other brands SD card is not covered by warranty.
- When a car accident occurs, it is recommended to remove the memory card from the dash camera. After then, save video data to your computer. When the memory card is full, the video data will be overwritten and the accident data will be erased.
- Please make sure to remove the memory card after the recording LED off. Because video data is possible to be damaged. And it causes defective memory cards or shortens the lifetime of memory cards.
- If the memory card has inappropriate data that is not related to data for the dash camera, Dash cam automatically erases inappropriate data for keeping video data stable. Therefore do not use the memory card for other purposes.
- Do not need to format a memory card periodically. However, we recommend formatting memory cards more than once a month for maintenance. Recommend you format or check memory card through SD Formatter([www.sdcard.org](http://www.sdcard.org)).
- GNET SYSTEM camera can support from SD card 32GB up to 512GB SD card.
- In case you use the memory card for the first time or formats it, it will go into standby mode for 3 to 5 minutes. During standby mode and formatting, do not remove the memory card.
- SD card formatting function in GNET



## Controller



## Camera



- ① Status LED - Controller
- ② Micro SD card COVER
- ③ Connectors

- ④ Micro SD Card Slot
- ⑤ Status LED - Camera
- ⑥ Camera Lens

- ⑦ Camera Connector
- ⑧ Camera Bracket (angle adjustable)

# SPECIFICATION



Image Sensor	FULL HD HDR CMOS Sensor Front - FHD, Rear - FHD
Audio input	Built-in Microphone
Video Compression	H.265
Audio Compression	ADPCM
Resolution	FHD (1920 X 1080)
Frame Rate	Max. 30 FPS
Memory	Supported micro SD card 32GB up to 512GB
Recording Time(Approx.)	64GB : 10.5hrs/ 128GB : 21hrs
3G/4G/Router (Optional)	Connect to withCLOUD via 3G/ 4G/ Router telecommunication
Wi-Fi®	Connect to GNET Smart phone application via Wi-fi dongle
G-Sensor	Event recording by External Shock
External GPS	Synched with Google map, Keep track of location and Speed(Optional)
Angle Of View	140°
Viewer	Windows 7/8/10, Support 32Bit / 64Bit, CPU i5 3.0 GHz, requires 4GB or more memory - Depending on the PC specifications, simultaneous playback of 3 or more channels may not run smoothly. WebView2 Runtime is required to use Google Maps
Power	DC 12V - 24V
Allowable current of providing fuse	3A
Operation Temperature	-10°C ~ 70°C
Humidity	10~95%
Dust&Waterproof	Controller, Camera IP69K
Dimension (WxHxD, mm)	Controller : 52x105.5x17MM /Camera : 26.2x26.2x47.5MM

※ Specifications and components are subject to change without further notice.

# Product components



## Basic Components



Controller + Camera(Front,Rear) x 2  
+ Bracket x 2 + Plate x 2  
+ Double-Side Tape



Power Cable[DC-IN]



Camera  
Connection Cable x2  
[Front/ Rear]



User Manual



L-Bracket x 2



Screwx4  
[bracket x2/L-bracket x2]



micro SD Card  
64GB

## Optional Product

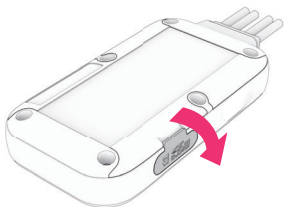


External GPS

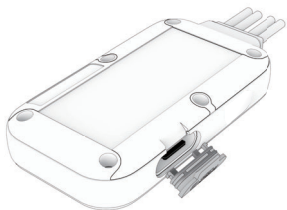
! GPS are sold separately with extra cost.

- ※ The image of components may be different from the real components.
- ※ Specifications and Components may be change without notice for improving quality.
- ※ We are highly recommend to use Genuine Memory card from Gnetssystem.

## INSERT A MEMORY CARD

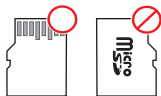
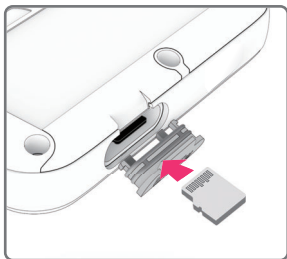


As shown in the picture, open the memory card cover by aligning it with the direction of rotation.



**!** Please read the precautions before using the SD memory card

Push the SD card into memory card slot in the correct direction.



Please insert the memory card into the slot in the correct direction, as shown in the picture

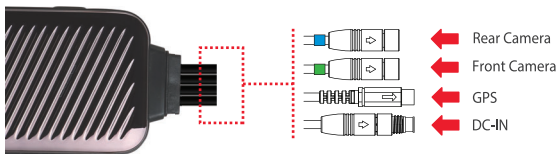
**\*To remove the memory card, simply press the inserted memory card, and it will automatically detach from the slot.**

## Product installation position



- ! If the extension cable is not used, the video will not be displayed
- ! Depending on the kind of motorcycle, the installation position may be different, so please make sure to get help from a professional motorcycle Dash cam installer before installation

## Cable connection



## Installation photo



Front camera



Rear camera





## Controller



Recording mode		Light On
Event recording		Flashing
Stand-by for Wi-Fi registration		Flashing
Wi-Fi connected		Light On
Camera input damaged(video error)		Flashing
Camera disconnected		Rapid flashing
SD card error(recording error)		Light On
Power on		Flashing
Firmware upgrade/ SD card format		Flashing

## Camera

Status  
LED



Camera On		Flashing
Camera Off		Light On
		Light Off

## Player menu name

1 Tool Box

2 Google Map  
When GPS and internet are connected, it will work normally.

3 Playlists and Information Display

4 GPS reception window  
It can be used only when an external GPS is connected.

5 Video control popup

6 G-sensor (acceleration) graph

7 Speedometer  
It can be used only when an external GPS is connected

8 Play a recorded video

9 Adjust playback speed

10 Sound control

③ Playlists and Information Display

④ GPS reception window  
It can be used only when an external GPS is connected.

⑤ Video control popup

	Thumbnail
	Draw a lane
	View a video
	Split View
	PIP View
	Toggle (change) color

⑥ G-sensor (acceleration) graph

⑦ Speedometer

It can be used only when an external GPS is connected

⑧ Play a recorded video

⑨ Adjust playback speed

⑩ Sound control

	forward play
	Pause
	Repeat event video
	Previous, Next Event
	play frame by frame

## How to check G-sensor data

<Magnification of G-sensor data>

① The location of the image currently being played

② Numerical values and graphs of three-dimensional coordinate system information (G-sensor data)

- When you play the video, three-dimensional coordinate system information (G-sensor data) on the X-axis(progress direction), Y-axis (left-right), and Z-axis (height) of the image currently being played at the G-sensor data location is output.



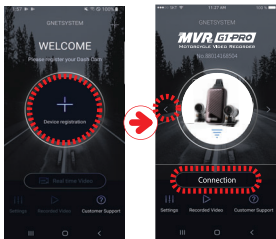
## How to connect your smartphone to the camera - Android

- 1 After installation of GNET application, run the app on the smartphone.



- 2 Wi-Fi registration standby mode lasts 5 minutes automatically after the camera powers on

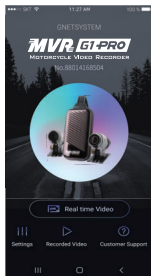
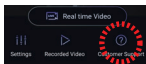
- 3 Touch the "+" in the middle of mobile app.



And then, press the left and right arrow to find your camera and touch "Connection"

- 4 Your phone is connected with the camera, and you can use "GNET App".

\*If you failed, please click "Customer Support" on the bottom of the app.



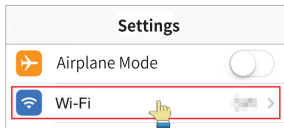
## How to connect your smartphone to the camera - iOS



- 1 After installation of GNET application, run the app on the smartphone.

- 2 Wi-Fi registration standby mode lasts 5 minutes automatically after the camera powers on.

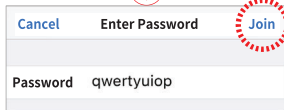
- 3 Turn Wi-Fi "On" on the settings manu of Smartphone.



- 4 Please select the network that begins with GNET\_BB\_ in the Wi-Fi network lists.

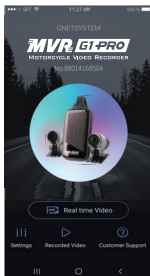
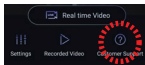


- 5 Put the password [qwertyuiop] and click "Join".

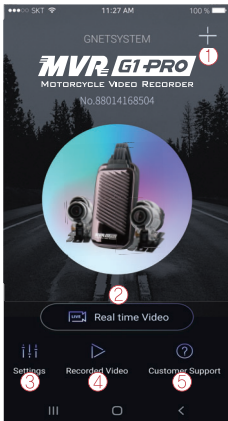


- 6 Your phone is connected with the camera, and you can use "GNET App".

"If you failed, please click "Customer Support" on the bottom of the app.



## APP Main Screen Description



- ① This function allows you to connect other dash cams or delete the registered devices.  
※ Supported only on Android mobile
- ② Real-Time Video  
You can watch a real-time video.
- ③ Settings  
You can easily change settings via your smartphone. After changing the settings, press "Save" button to reboot the product (dash cam)
- ④ Recorded Video  
You can see a recorded video of the dash cam. The video that you need can be saved to the mobile device via download.
- ⑤ Customer Support  
You can get help with connection via customer support on app or you can get help by calling our customer support center.

---

## Precaution before connect the Smart phone

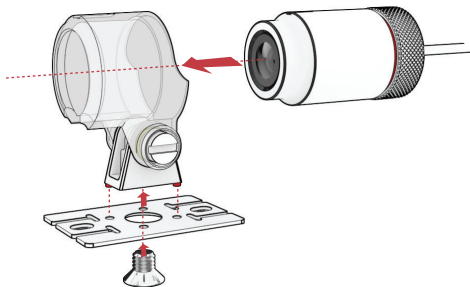
We provides Android and iOS platform.

Please search "GNET" on Google play or App store. Or use the QR code

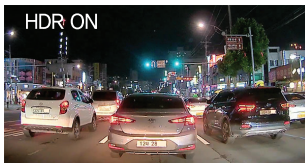
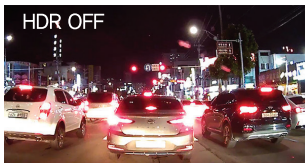


- Real time video and playback can be delayed depending on Smart phone specification
- Do not handle the device while driving, it causes serious accident.
  - Please handle the device after parking/stopping.

## Assembly configuration of camera cradle.



## Features of HDR camera



As shown in the picture above, it shows clear recording quality in various lighting situations such as light blurring and tunnel or backlight during night driving.

## Warranty Card

Product	GNET Dash cam		Model	MVR G1 PRO
Serial Number			Purchase Date	
Customer Information	Name		Tel	
	Address			
Seller/ Vendor			Tel	
Warranty Period	Dash Camera : 2 Year Micro SD card : 6 months			

\* If you require product repair, service and/or support,  
please contact your local seller or send us an email: [info@gnetsystem.com](mailto:info@gnetsystem.com)



[www.gnetsystem.com/eng](http://www.gnetsystem.com/eng)  
6F Lotte IT Castle II Gasan Digital 2ro 98,  
Geumcheon-gu, Seoul, Korea  
[info@gnetsystem.com](mailto:info@gnetsystem.com)

