User Manual

CAUTIONS

● Please insert micro SD card in the right direction to avoid damage to the card or DVR. If DVR shows error message, please format the micro SD card from DVR menu. Please reset DVR or change micro SD card if similar error continues.
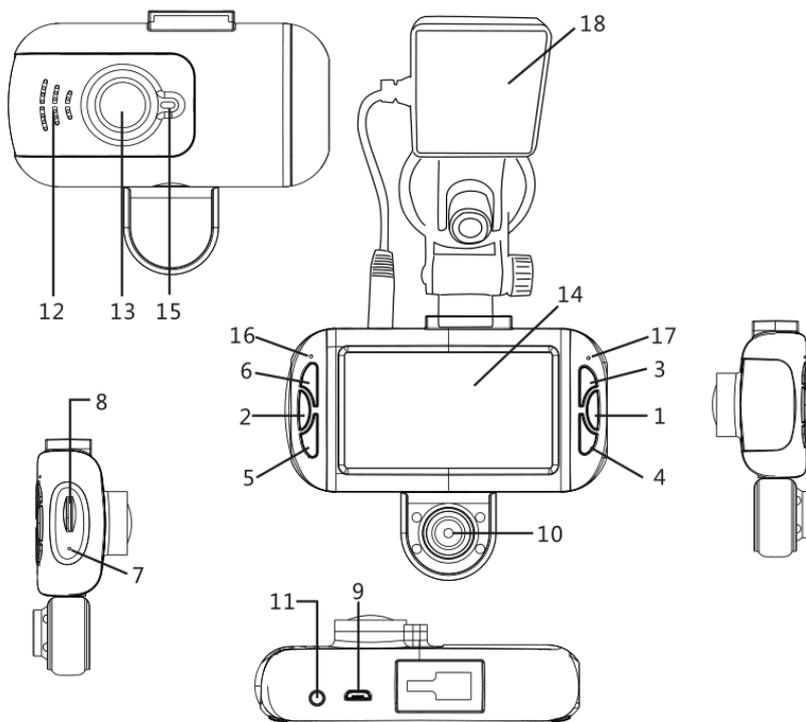
Note: All files will be deleted when formatting micro SD card, please backup the important files before format. When reset function is selected, the settings will return to default setting.

● Recommended micro SD: CLASS 10 or above micro SD card. Micro SD card specification varies from one brand to another, which may not function as expected when using with DVR. Please test for micro SD compatibility before purchasing micro SD card.

● Micro SD card must be formatted before using with DVR. Backup recording files once a week to avoid files from being overwritten. Please format micro SD card once every month for recording stability.

● Ensure bracket is installed correctly&firmly on windscreen to avoid damage to DVR and for better recording angle.

● Battery life-span will continuously decrease upon usage. Please charge battery once every month to preserve battery life in the event of long-term non-usage.

●Please do not use DVR under wet environment as DVR is not waterproof/water resistant.

● Please do not record or take picture facing sunlight.

● To obtain clear image, please clean windscreen and DVR lens regularly. Avoid using DVR in dusty environment.

● Handle DVR with care and avoid direct impact on DVR. Avoid using DVR in high electromagnetic environment.

● Operating temperature of DVR is -10°C to 50°C, storage temperature is -20°C to 70°C. Continuous exposure to sunlight, especially when locked in cabin where temperature exceeds 70°C may result to DVR malfunction, color change, housing and image distortion.

Disclaimer:

● In no event shall the seller be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of our products.

● This DVR is NOT intended to be used for illegal purpose; surveillance and shall not be used in any form as evidence for claim purpose.

● Error may occur depending on the surrounding environment and the voltage of the car.

● The seller is not liable/responsible for non-record event, missing files, ect.

1. Structure

1.OK/REC   2.Menu   3.Up   4.Down   5.Mode   6.ON/OFF   7.Reset Hole

8.TF Card Slot   9. USB Port   10.Rearview lens   11. GPS Port   12. Speaker   13. Front lens

14. LCD screen   15. Working Indicator   16. Recording Indicator   17. Charging Indicator   18. GPS Module

2．Function

A. On/Off

1.Power On

In the off state, long ⏻ press ,DVR enters into video mode and start recording automatically. Or DVR is connected with car charger in the off state to enter video mode and start recording automatically. When unplug the charger, DVR will automatically save the current file and shut down in 5 seconds delay.

Note: LCD screen writes 'Please insert SD card' if Micro SD card not inserted. If the Micro SD card is inserted with DVR in working state, DVR will automatically power off.

2.Power Off

In work state, long press ⏻ to power off DVR.

Note: In low battery state, DVR display writes 'Low Battery' and automatically saves the current file and
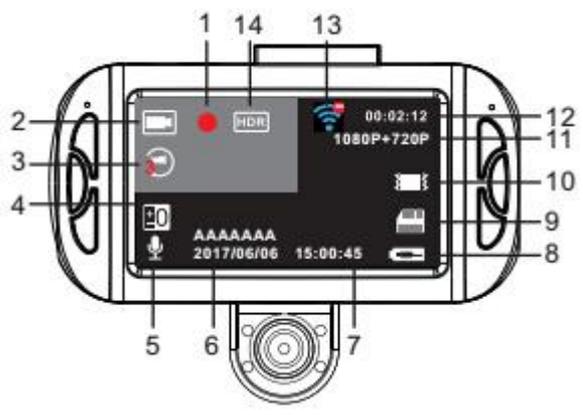
shuts down.

B. Battery Charging

In the charging state, charging indicator will be steady on. After full charge, it is off.

C. Video

Press ⏻ to power on DVR and enter into video mode automatically. Press ● to stop recording and save the current file, then DVR goes into standby mode. In standby mode, press OK button to restart recording, press again to pause.
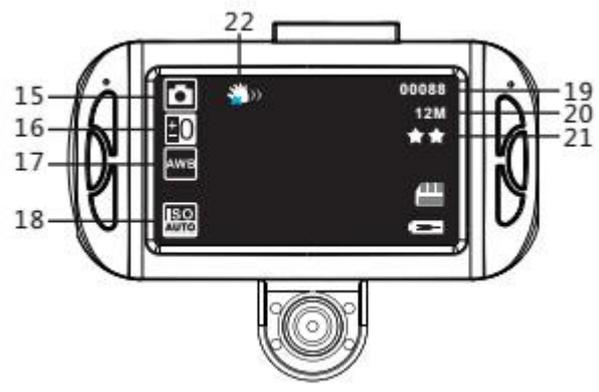
In video mode, short press ⮂ to turn on or turn off sounds.

1.Recording   2.Video   3.Loop   Recording   4.Exposure   5.Voice/Mute   6.Date   7.Time

8.Charging Icon   9.Micro SD Card in   10.G-sensor   11.Video Resolution   12.Recording Time

13.GPS Status Icon   14.HDR

D.Photo

Press ⮂ enter into photo mode,press ● to take photo with sounds prompt.

15.Photo 16.Exposure 17.White Balance 18.ISO 19.Photo Quantity 20.Image Resolution 21.Image Quality 22.Anti-Shaking

E．Playback and Delete

In video standby mode, short press ⮂ twice to enter into playback mode. Press ▲/ ▼to select the file. ● is used for play or pause. When the video is playing ,press ⮂ to stop too and short press ▲/ ▼ to fast forward or reverse. Short press ▲/ ▼ every time, DVR will fast forward or reverse for 2x, 4x and max. is 8x. If you want to delete files, please stop the play first and press ⊞ to be in Delete Menu. Press ▲/ ▼ to select 'delete current' or 'delete all' and press● to confirm. Press ⊞ to exit and go back to playback mode.

F.G-Sensor

When car brakes suddenly or being hit heavily, G-sensor will activate to save and protect the current video clip from overwritten automatically. Three grades setting (high, medium, low) is to cater for different car owners.

G.SOS

In recording, short press ⊞ manually to save the current video from being overwritten.

H.Digital Zoom

In photo mode, short press ▲ to zoom in max. 4x . Press ▼ to zoom out min. 1:1.

I.Switch Lens

In recording/standby mode,press ⏻ to switch lens.

J.Parking Monitor

Parking monitor is for security monitoring in parking.

Please set Parking Monitor ON in settings menu. There will be a on the screen. (If Parking Monitor OFF, will be not there). After the car engines off, DVR will power off accordingly. If DVR detects vibration, it will power on to record automatically for 10 seconds and then power off. If it is continuous vibration, DVR will keep recording.

Long press to turn on/off parking monitor after DVR powers on.

K.Time Lapse Record

Time lapse record is to save memory capacity.

In standby mode, short press to enter into setting menu and press ▲/ ▼ to select Time-lapse Record. Press● to select "Off/100ms/200ms/500ms" to activate this function. Short press to exit setting menu.

L. Motion Detection

In video standby mode, short press to enter into setting menu, then press ▲/ ▼ to select motion detection and press● to turn on motion detection.

When DVR detects movement, it starts to record with green indicator flash. If there is no movement for 10 seconds, DVR stops to record and back to video standby mode. Factory default OFF and please turn on if needed.

M. Car License Plate Number

Go to car license plate number setting menu to input correct numbers. The first character can only be alphabet. The following characters can be alphabets or numbers. Press ▲/ ▼ to select among 0-9 or A-Z. Press● to confirm and go to the next one. Press to exit.

N. GPS Tracking

A. Insert G-MOUSE into camera.

B. There will be a icon on the top of screen, when DVR don't receive GPS signal successfully. When icon appears on the top of screen, DVR locates GPS successfully.

C. Please use professional players to play video files. The current driving track and coordinates will be displayed on the player.

Go to Update time of GPS setting menu to select time zones. When DVR locates GPS successfully, DVR's current time will be synchronized with GPS satellite time. Please use GPS function at outdoor, DVR may not receive GPS signal at indoor.

O. System Setting

In standby mode, press ▰▰ to enter into system setting. Press ▲/ ▼ to select the setting item and press ● to confirm. Press ▰▰ again to exit.

	Mode	Category	Sub-Category	Remarks
System Setting	Video	Resolution	1080P 1440x1080	Factory default: 1080FHD
			720P 1280x720	
		Loop Recording	Off /3mins/5mins/10mins	Factory default: 3mins
		Time Lapse Record	Off/100MS/200MS/500MS	Factory default: Off
		HDR	Off/On	Factory default: On
		Exposure	+2.0、+5/3、+4/3、+1.0、+2/3、+1/3、+0.0, -1/3,-2/3,-1.0,-4/3,-5/3,-2.0	Factory default:+0.0
		Motion Detection	Off/On	Factory default: Off
		Record Audio	Off/On	Factory default:On
		Date Stamp	Off/On	Factory default:On
		Plate Number	Off/On	Factory default:On
		Gravity Sensor	Off/Low sensitivity/Medium sensitivity/ High sensitivity	Factory default: Medium

				sensitivity
		Parking Monitor	Off/On	Factory default: Off
		GPS	Off/On	Factory default:On
		Daylight Saving Time	Off/On	Factory default: Off
		Update time of GPS	Off/GMT-12:00/GMT-11:00/GMT-10:00/GMT-09:00/GMT-08:00/GMT-07:00/ GMT-06:00/GMT-05:00/GMT-04:30/GMT-04:00/GMT-03:30/GMT-03:00/ GMT-02:00/GMT-01:00/GMT+00:00/GMT+01:00/GMT+02:00/GMT+03:00/ GMT+03:30/GMT+04:00/GMT+04:30/GMT+05:00/GMT+05:30/ GMT+05:45/GMT+06:00/GMT+06:30/GMT+07:00/GMT+08:00/ GMT+09:00/GMT+09:30/GMT+10:00/GMT+11:00/GMT+12:00/GMT+13:00	
	Photo	Capture Mode	Single/2sec/5sec/10sec	Factory default: Single
		Resolution	12M/10M/8M/5M/3M/2MHD/VGA/1.3M	Factory default: 5M
		Sequence	Off/On	Factory default: Off
		Quality	Fine/Normal/Economy	Factory default: Normal
		Sharpness	Strong/Normal/Soft	Factory default:Normal
		White Balance	Auto/daylight/cloudy/tungsten	Factory

			/Fluorescent	default:Auto
		Color	Color/Black & White/Sepia	Factory default:Color
		ISO	Auto/100/200/400	Factory default:Auto
		Exposure	+0.0，-1/3，-2/3，-1.0，-4/3，-5/3，-2.0，+2.0，+5/3，+4/3，+1.0，+2/3，+1/3	Factory default: +0.0
		Anti-shaking	Off/On	Factory default: Off
		Quick Review	Off/2seconds/5seconds	Factory default: Off
		Date Stamp	Off,Date,Date/Time	Factory default:Date/Time
	Playback	Delete	Delete current/Delete all	
		Protect	Lock Current/Unlock Current/Lock All/Unlock All	
		Slide Play	2sec/5sec/8sec	
System Setting		Date/Time	MM/DD/YY,DD/MM/YY,YY/MM/DD	Factory default:MM/DD/YY
		Auto Power Off	Off/3mins/5mins/10mins	Factory default:Off
		Beep Sound	Off/On	Factory default: On
		Language	English/Français/Español/Português/Deutsch/Italiano/简体中文/繁體中文/Русский/日本語/עברית	Factory default: English
		Frequency	50Hz/60Hz	Factory default：50Hz
		Format	All data will be deleted/Cancel/OK	

	Screen Saver	Off/30sec/1min/2mins	Factory default: 1min
	Lamp setting	Day Mode/Night Mode	Factory default: Day Mode
	Delay Shutdown	Off/5s/10s/30s	Factory default: 5s
	Default Setting	Return menu setting to defaults/Cancel/OK	
	Version	Current version	

P．Computer Connection

Video and Photo Download

1. When computer and DVR connected with USB cable, the screen pops up an option- Mass Storage and PC Camera.

2. If select Mass Storage and DVR will detect inserted Micro SD card to show files.

3. When select PC Camera, DVR can be used as PC Camera.

Note: Incorrect operation can leads to system crash. Please use small hard objects to press the reset hole to restart.
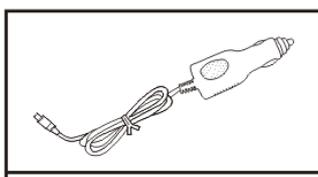
3．Specification

Specification may update without prior notice.

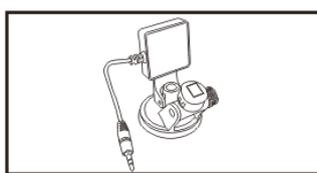| Screen	3.0"TFT LCD screen
Video Resolution	Single lens recording: 1920*1080P 30fps\1280*720P 30fps\848*480P 30fps\640*480 30fps(front lens); 1280*720P 30fps(rearview lens) Dual lens recording: 1440*1080P 30fps(front lens); 1280*720P 30fps(rearview lens)
Lens	170 diagonal for front lens; 120 diagonal for rearview lens
Video Format	MOV
Photo Resolution	12M/10M/8M/5M/3M/2MHD/VGA/1.3M
Photo Format	JPG

G-sensor	Support
SOS	support
GPS Tracking	Support
Motion Detection	Support
Parking Monitoring	Support
Loop Recording	Support
Car Licence Plate	Support
Microphone/Speaker	Support
Memory Card Capacity	Max. support 64GB(class 6 or class 10 or above suggested)
Frequency	50HZ/60HZ
Output	5V/1A
USB Type	Micro USB
Battery Capacity	600mAh
Language	English/Français/ Español/Português/Deutsch/Italiano/简体中文/繁體中文/Русский/日 עברית

4.Accessory

Car Charger

Buit-in GPS Bracket

USB Cable

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