FULL HD 1080P

2.7"LCD SCREEN

Car Recorder
User Guide

QUICK START GUIDE

About this manual:

This manual is reference only.We will no prior notice,if any update. We are try our best to make sure it's correctness and completeness. However we have no responsibility,if any error and omission. Manufacturer have the right to revising technical specifications without prior notice.

About installation:

This product should be installing near the rearview mirror to obtain the open-field view.

Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even on the rainy day.

Don't touch the lens with your fingers. The grease of fingers will stay on the lens, lead to camera or photo is not clear. Periodically clean the lens.

Do not install the product on a tinted window. Doing so may damage the tinted film.

Make sure that the product installation position is not hindered by the tinted window.

Note:

✚ Customer must use authorized charger.
✚ This product forbid dismantle by yourself.
✚ Absolutely can not let the batteries short circuit.
✚ The battery must properly handled.
✚ The battery contact fire could cause an explosion.

Catalogue
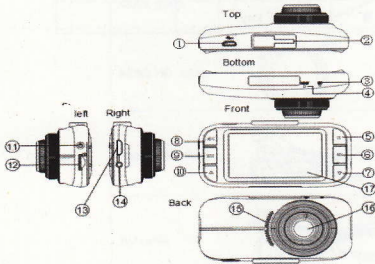
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1. Product introduction

1.1. Performance

.Display: 2.7 "TFT, 16:9 Resolution 960x240
.Video output Resolution : 1080P
.148°wide Angle, 6G high quality lens
.2 million pixels high low illumination image sensor
.Support the gravity sensor function
.Support motion detection.   Support circulation recording and covering the video storage function.
.Support automatic recording and the preview function
.AVOUT(HDMI)1080P HD output.
.Support one CVBS and one audio output.
.Support NTSC/PAL.
.Optional GPS tracking path.

1.2 Specification

.Sensor	2 million pixels, high low illumination HD Sensor
.Lens	148°ultra wide angle, 6G high quality lens
.Video Resolution	.FULL HD:1920X1080(30F)
	.HD:1920X720(30F)
	.VGA:640X480(30F)
.Video format	AVI, MOV
.Image compression format	H. 264, AVI video compression technology
.Camera image resolution	MAX:4032X3024(12M),640X480(VGA)
.Picture format	JPEG
.Displayer	2.7"TFTLCD,960X240(16:9)
.LED	Power supply charging instructions
.Microphone	35 db, high quality
.Loudspeaker	The output power of 0.5 W
.The internal battery	3.7V-310MA/H
.The storage device	1G-32GB
.HD Webcam	Support directly (through internal menu, Settings PCAM)
.G-SENSOR	Support (collision accident emergency save, don't be deleted)
Mobile detective function	Support.
Along with car switch machine together.	Support (lighter automatic turn on, turn off automatically turn off)
Cycle recording	Not seamless circulation, support (in seconds)
USB ports	Micro USB 2.0
Working current	450 MA

Working voltage	.DC/5V
Car Adapter	.DC/DC12V/24V/1A
Working temperature	- 20°~80°
Working environment humidity	15°~65°
Size	96.5 x59x36mm
Weight	76.5g
Languages	Simplified Chinese & English, Traditional Chinese & English, Russian and English

1	USB ports	10	Up key ▲
2	T shaped fixed groove	11	Power bottom
3	Microphone	12	Memory card slot
4	Reset key	13	HD HDMI
5	OK key	14	AV output port
6	REC key	15	Loudspeaker
7	Down key ▼	16	Wide-angle lens
8	MENU menu	17	Display screen
9	MODE key		

1.3 Accessories

Standard configuration	.Bracket	
	.Car adapter	
	.Quick guide	
Optional	.HDMI HD cable	
	.Micro USB cable	
	.AV cable	

2.Introduction

2.1   Memory card

2.1.1 Insert Memory Card

Memory card is the only store path of product, please check before turn on .The memory card gold contact surface and lens have the same towards. Pushing the memory card into the bottom and until it clicks into place.

2.12   Remove the memory card
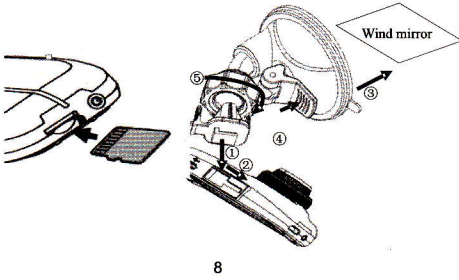
Push the memory card until the bottom, and loosen your   hands.

Note:

1. Do not remove or insert the memory card when the product is turned on.
   This may damage the memory card.
2   Please use the capacity for 2-32 GB Micro SD card.
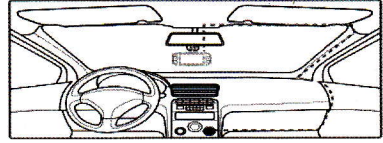3. Please format the Micro SD memory card before using.

2.2   Install

2.21   As the picture, according to the step 1 put fixed T slot insert product T slot.Pay attention to the direction.As the step 2 push bracket until hearing clicks. Step 3 is press the plastic tray of the bracket to the windshield. Then will be shown in step 4 tablet left arrow direction to an end, adjusting angle and rotating after step 5 of the nut is fixed.

Wind mirror

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2.22   Connect to power

Use only the supplied car adapter to power up the device and charge the built-in battery.

1. One end of the car adapter is connected to product the USB port.
2. Connect another end of car adapter to cigarette lighter socket. Once the car engines launch, device will be automatically turn on.
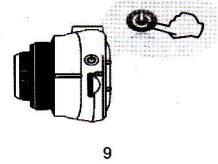
Note:
1. The battery capacity indicator phase increase mean it was charging. 2. The car adapter can still give supply power to our product, if the environment temperature reach 45℃ or above. Besides lithium polymer battery. This is one of the characteristics of lithium, not breakdown.

2.3 Power on/off

2.31 Manual power on/off

1. Press the power button.
2. To turn off, press and hold the power button for at least 2 seconds.

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2.32 Auto power on/off

1. Once the vehicle engine is started, the product automatically turn on and recording.

2. Once the vehicle engine shuts down, the product automatically save the recording and turns off the power. Please refers to shut down video time.

2.4 camera and take pictures

1. Camera

Once turn on the product was defaulted ready camera mode.In the case of product not connected to charger. Press the REC button once again to stop video and returns the camera ready mode.

2.Photograph

In the case of not connected to charger, boot after the default camera mode, press a MODE button to enter the camera mode. And press the REC button to take photos.

2.5   Playback videos and photos

1.Playback videos

Once turn on the product was defaulted ready camera mode,in the case of product not connected to car charger. Press MODE key 2 times come into the video store memory interface. Touch ▲ key or ▼ key to move the cursor, then press the OK key to playback video.

2. View photos

After the product turn on and into ready camera mode. Press the MODE button 3 times come into photo storage interface. Touch ▲ key or ▼ key to move the cursor, then press the OK key see photos.
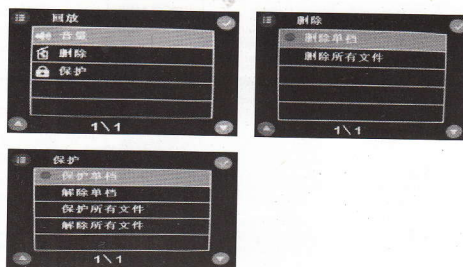
3. Deleted photos&videos

In photo storage interface or video storage interface, move the cursor to delete photos, videos. Pressing MENU button to enter interface as shown.

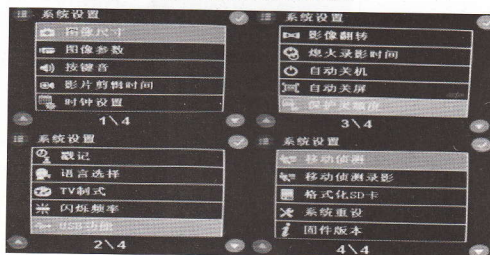You can choose the volume(add &subtract). Delete as follow,

You can choose to delete the selected individual photo/video or all images or video (protected phase swatches or video can't delete, to remove protection) protection is important video or pictures for locking. As you   can be locking, photos or video of the radio can also be to lock all of the video or pictures.
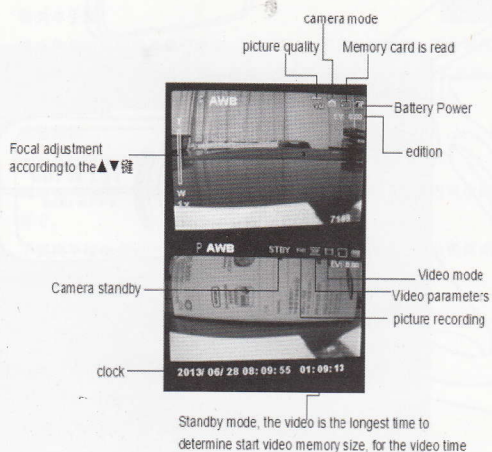
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3.System settings

After entering the system interface,you can see this interface divide into 4 pages. Each page has five set items. Touch ▲ key or ▼ keys to move the cursor and page turning, and press OK key to select.

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CMCC MSS	effect	CMCC MSS	effect
Picture size	Set taking photographs as number	Image to flip	Whether open the accelerometer
Image parameter	Video clarity parameters	Time to shut down video	Video time after flameout
Key sound	On/off button	PowerOff	Selected automatically when power off
Selected automatically when power off	Segmented video length	Automatic GuanBing	Automatically shut down the screen
Clock setting	Time setting	Protect the sensitivity	Video files are protected against accidental collision
Stamp	In photos or video to add date/model identification	motion detection	Standby mode press bring starts, in front of the video moving object automatically, in addition to the OK button, the REC button outside any key to cancel
Language selection	LangSwitcher	Motion detecting video	In front of the object is stationary, continuous video time
TV system	NTSC/PAL switch	Format SD-CARD	Empty memory card
flicker frequency	50Hz/60Hz	system reset	Default Settings
USBfunction	MSDC function/PCAM USB	Firmware	Item No

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Focal adjustment according to the ▲ ▼ 键

camera mode
picture quality
Memory card is read
Battery Power
edition

Camera standby
Video mode
Video parameters
picture recording

clock

2013/ 06/ 28 08: 09: 55   01: 09: 13

Standby mode, the video is the longest time to determine start video memory size, for the video time

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