



## **Foreword**

Thank you for purchasing this product. It adopts unique and portable design, thus it can be applied in every field and bring you convenient, safe and colorful daily life. Before use, please read this user's manual carefully and keep it under good custody. We hope that this product could satisfy you and provide long term service for you!

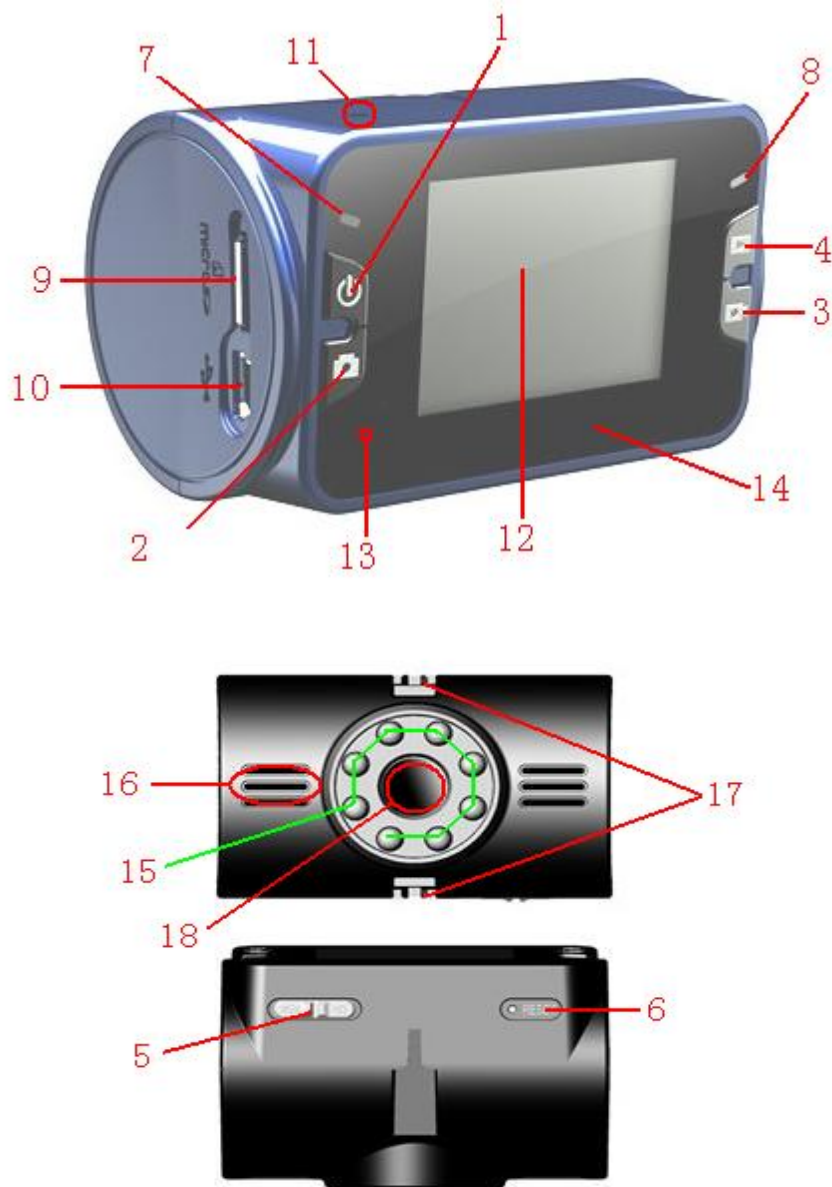
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## I. Brief introduction on product

This product is a new high-tech multi-function product with high-definition camera, photograph, night vision function, audio recording, cyber chat and external card memory. Mainly it is used for vehicle-bone shoot and effectively improves evidence obtain of traffic accidents; it can also be applied to daily life such as travel or outdoor activities and makes your life colorful and varied!

## II. Structural schematic diagram of DV



## III. Introduction on structure of DV

1 – Turn on/off button, menu    2 – photograph button    3 – video recording button    4 – play button, confirm  
5 - VGA-HD switch    6- RESET (reset button)    7- operating indicator    8 –charge indicator    9 - TF card

slot 10 – USB port 11 - Photosensitive device 12-screen 13- MIC (microphone) 14 -lens 15-  
infrared night vision light 16 -loudspeaker 17 –bracket slot 18 - camera lens

#### IV. Introduction on main menu

Press turn on/off button to start up the machine. The blue light is on for long after starting up; in photographs, video recording and playback mode, press turn on/off button shortly for two consecutive times to enter main menu mode as follows:

[illegible]

Press playback button to select item in proper sequence. Press turn on/off button to exit from menu. Press turn on/off button for a while to turn off and save settings. In case that system is halted for unusual operating or under abnormal conditions, user may press key 6 (reset button) to disconnect power supply forcefully and shut down.

## V. Video recording

In video recording mode, press turn on/off button shortly to enter video recording menu as follows:

Video Output	Setup								
White Balance	Auto	→→→→→→→→→→→→→→→→							Auto
Video Time	1 Min	→→→→→→→→→→					Off	Daylight	
Motiondetect	off	→→→→→			Cancel	1 Min.		Cloudy	
Night Mode	on	→	off		Set	2 Min.		Tungsten	
◀ Exit	OK Set		on			3 Min.		Fluorescent	
						5 Min.			
						10Min.			
						15Min.			

Press playback button shortly to select items in proper sequence, press the turn on/off button to exit from menu; in photograph mode, user may press video recording mode shortly to switch into video recording mode. Press video recording button shortly for video recording. In video recording, press it shortly to stop and save video file; user can press photograph button and video recording button for a while to adjust focal length. At maximum, it may reach up to 3.95 times zooming; methods for video formats switch: Slide key 5 to switch between VGA (720 \* 480) and HD (1280 \* 720); Motion detect (motion detection) is defaulted as close. When menu selection is open, if the machine finds that the object in lens sensing area is moving, machine will automatically enter the state of motion detection video recording. The time for motion detection video recording is 30 seconds per

segment.

## VI. Photograph

In photograph mode, press the turn on/off button shortly to enter photograph menu as follows:

Capture	Setup										Equal to pixel format	
Size	5M										12M	4032*3024
Quality	Fine								Fine	8M	3264*2448	
Scene Mode	Auto							Auto	Standard	5M	2560*1920	
White Balance	Auto					Auto	Sport	Economy	3M	2048*1536		
ISO	Auto				Auto	Daylight	Night		2M	1600*1200		
Color	Standard			Standard	100	Cloudy	Portrait		1.3M	1280*960		
Saturation	Normal	→→→→	High	Vivid	200	Tungsten	Landscape		VGA	640*480		
Sharpness	Normal	→Hard	Normal	Sepia	400	Fluorescent	Backlight					
◀ Exit	OK Set	Normal	Low	Monochrome	800							
		Soft										


Press playback button shortly to select menu in turn. After confirming OK, press the turn on/off button to exit from menu; in video recording mode, press photograph button shortly to switch into photograph mode, press photograph key shortly to take photos; user can press photograph button and video recording button to adjust focal length up to 3.95 times zooming.

## VII. Playback mode and files management

Press playback button for three seconds to enter playback mode. In playback mode, press the turn on/off button shortly to enter playback menu as follows:

<b>Play</b>	<b>Setup</b>			<b>Delete</b>	
Delete	Next Menu	→→→→		Single	Delete All Images?
Volume	1	→	1	All	→ Cancel
◀ Exit	OK Set		2	Select	Execute
			3		
			4		
			5		
			6		
			7		
			8		

Press playback button shortly to select menu in turn. After confirming OK, press the turn on/off button to exit from menu; in playback mode, user can press photograph button (previous tune) and video recording key (next tune) to select file; select to view photos, pictures can be enlarged by pressing playback shortly up to 8 times zoom. After



photos are enlarged, press the turn on/off button, and then the screen will display . Press function key to move photo and then press the turn on/off button again to exit; when selecting to play video, user can press playback key to play or pause operation; press the turn on/off button to fast forward by 1X, 2X, 4X, 8X successively; press playback button for three seconds to exit from playback mode; press the turn on/off button shortly to exit in screen saver.

## VIII. Video recording while charging and charging instructions

When charging with power source, the machine will start up automatically; operating indicator (blue) and charging indicator (red) are on. And then video recording function will start up automatically. After video recording function starts up, user may also press function key to operate normally. If it is needed to maintain video recording while charging, please do not press any key to operate after charging; when the machine is under state of video recording while charging, if vehicle engine is shut down or charger is disconnected, the machine will automatically shut down after maintaining for 15 seconds after recording. In delay shutdown time, re-access charger or start up car, the machine will remain video recording state without any operation.


If the machine needs charging, after charger is inserted and the machine is turned on, user can press the turn on/off button to turn off. Maintain the best charging state. After the battery is full, the red light is off. At this time, user should maintain about 1 hour pre-charge time.


## IX. USB flash disk as memory


Adjust key 6 to VGA. In any mode, the machine is connected with PC USB data line. The machine enters USB flash disk mode. At this time,  will appear on the lower right corner of PC. The files on Removable storage device available  Removable disk of machine can be read and written on PC.

## X. PC CAM mode

When using PC CAM function, driver needs to be installed in advance in PC. As for operating methods, please refer

to  inside optical disc. After installing successfully by following instructions, key 5 below machine is adjusted to HD. In any mode, the machine is connected with PC USB data line. The machine enters PC

CAM mode. After successful connection, user can open  on PC desktop and

find  Standard\_Camera. Double click to open it and ensure that it is normal, then it can be used as PC CAM.

## XI. Specifications

Camera pixel	500W CMOS
Camera perspective	Wide angle 130°
Video resolution	VGA-720X480、HD-1280X720
Video format	AVI
Video frame number	30fps
Picture format	JPEG
Picture pixel	640*480-4032*3024
Night vision function	support
Network camera	support
Motion dect	support
USB flash disk	support
Audio record	Support synchronous audio and video recording
Capacity of memory card	512M-32GB
Type of memory card	TFcard
Power consumption	250-300MA
Scope of audio recording	40m²
Storage temperature	-20-60℃
Operating temperature	-10-60℃
Operating humidity	15-65%RH
Play software	Media player/KM player
USB interface	USB2.0
Display screen	2.0TFT high definition
Battery capacity	800MA
Electric current while charging	400MA
Charging time	3 hours

## XII. Standard package and accessories



Manual



CD



USB Extension Line



Charger

## XIII. Notes

1-Operational occasions: please abide by relevant state laws strictly. This product can not be used for other illegal purposes, or else user will suffer the consequences.

3- Operational environments: Do not use this product in moisture and high temperature environments. The product is

not waterproof and high temperature resistant.

4- Sanitary requirements: Do not use in environment with high dust density, lest lens and other components are contaminated and videography effect will be affected. Len can be wiped with lens paper or glasses cleaning cloth gently. Please keep it clean.

5- Other matters: this product is precise electronic product. Please avoid it from strong impact or vibration; do not use in high magnetic field or highfield.

6- At minimum, Class 6 memory card above 512M should be equipped with. The more partition time for recording is, the higher memory card's requirements are. DV can work properly only after loaded with memory card.

7- When abnormal operation results in program loss, the machine should record programs in time. Please refer to the information inside the optical disc for details.