Warning

1 It is a high-precision product do not fall or crash.
2 Do not expose the unit to strong magnetic objects, such as magnet and electrical motor. Avoid strong radio waves. Strong magnetic fields may cause the products breakdown or images and sounds damage.
3 Never leave the products exposed to high temperatures and direct sunlight.
4 Please choose branded Micro SD card. Neutral cards are not guaranteed to work normally.
5 Do not place Micro SD card near strong magnetic objects to avoid data loss.
6 In case of overheating, smoke, or unpleasant smell in the process of charging. unplug your device immediately to prevent fire hazard.
7 While it is charging, keep the product out of children's reach. Power line may cause children accidental suffocation or electric shock.
8 Keep the device in cool, dry and dust-proof places

Preface

This product is a high-definition dightal motion video recording device tailored to market demand. It has a variety of industry-leading features including digital video recording, photo shooting, audio recording, video display and detachable battery, which makes it perfect for vehicle data recording, photo-shooting, outdoor sport, home security, deep-water probing, etc., allowing you to film at anytime, anywhere, And it has a variety of patents.
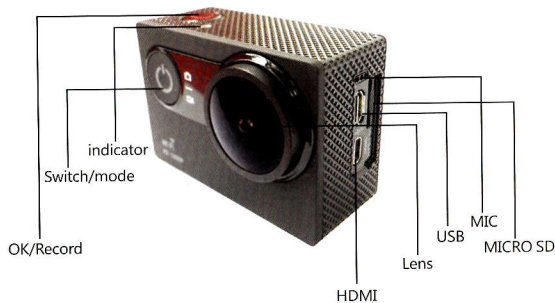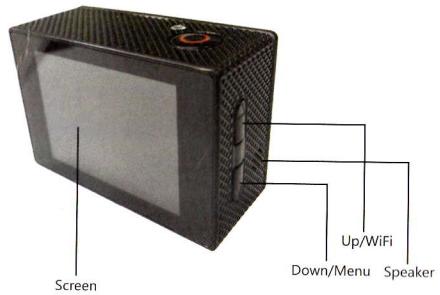
Multipurpose

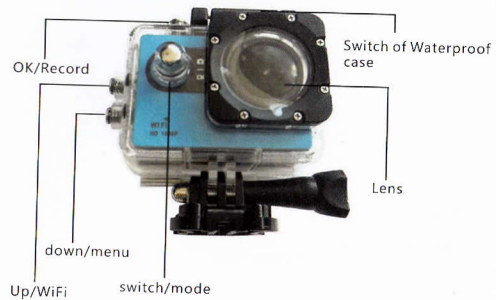Car recorder   Outdoor sports   Marine Sports   Diving   Home burgular

Product Features

>A water-resistant casing that allows you to film fascinating water sports: water-resistant up to 30 meters under water
>High definition screen that displays and replays fascinating videos recorded
>Detachable battery that is easy to replace and prolongs your camera's service life
>Video recording while charging
>Video recording with battery
>12-megapixel(HD) wide-angle lens
>HDMI HD output
>Web camera
>Support storage cards up to 32GB maximum
>Multiple video recording formats:1080P / 720P / WVGA
>Recorded in MOV format
>Multiple photo shooting modes: Single shot, Snapper
>Video encryption enabled
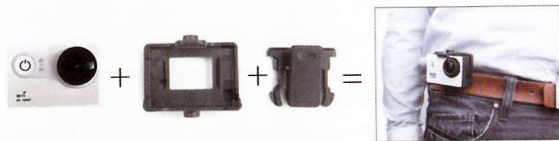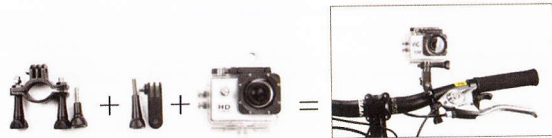>Mini appearance. diversified colors available

1

Picture of product

indicator

Switch/mode

OK/Record

HDMI

Lens

USB

MIC

MICRO SD

2

Up/WiFi

Down/Menu   Speaker

Screen

Battery cover

Picture of waterproof case

OK/Record

Switch of Waterproof case

Lens

down/menu

Up/WiFi

switch/mode

Picture of Accessories

Waterproof case   bicycle stand   base 1   base 2   clip

Fixed base   switch support 1   switch support 2   switch support 3   adapter

Helmet base   bandage   ribbon   3M adhesive tape   wire rope

Data wire   charger   manual   wiper
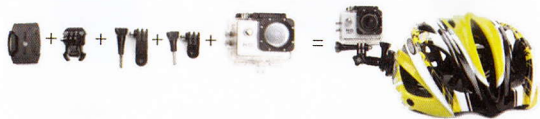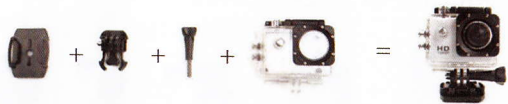
1.Inserting Micro SD cards
Note: Please choose branded Micro SD card and format it on computer before using. Neutral cards are not guaranteed to work normally.

2.Installing and removing batteries
a.Press on battery cap to open it.
b.Correctly install battery into camera as indicated by +/- symbols and direction of arrows marked on battery until it's in place.
c.Battery gauge: please refer to diagram.
d.Remove battery: open cap to take battery out.

3.Charging
a.Charging can be done by either connecting power adapter to computer or power adapter
b.Charge on vehicle by connecting it to car charger.
c.It can record video while charging.
Note: When it is connected with power and automatically video recording, charging can be done even when long press power witch.

4.Switching camera on and off
Press and hold power switch for 3 to 5 seconds to turn it on/off.

5.Mode Switching
Switch between video recording / photo shooting / playback by pressing "Power On-Off" button. Enter Menu by pressing Down button under recording mode.

6.How to record videos and configure recording setting
a.Video Recording
Switch to recording mode and there will be an recording icon in the upper left corner of the screen. Press OK to start recording and the icon in the upper left corner will start to flash. Press OK again if you want to stop.
Resolution of videos recorded: 1080P / 720P / VGA
Note: The default recording mode is loop. Not enough storage space available for the recording, the later files will overwrite to the earlier ones. Please choose and adjust your modes according to the menu.

b. Photo Shooting & Setting
Switch the camera on and press "Mode" to select "Photo shooting Mode", there will be an shooting icon in the upper left corner of display screen and camera is in photo shooting mode. Press "OK" to take photos.
Shooting Pattern: Single shot/ Self-timer(2s/5s/10s)/ Continuous Shooting

c. File Storage & Playing
After you are done recording, use a USB cable to export the videos onto a computer to play. Or you take Micro SD card out and access the image data with a card reader.

7.Install and use WiFi
ISO system
a.Search "FinalCam" on Apple Store, then download and install this software on your phone.

b.Open simultaneously "WiFi" of the phone and DVR. (power on and press "Up" to open WIFI)
c.Find the "NVT_CARDV" in the phone "WiFi", open and enter the password(the default password is 12345678), the DVR and phone should be same WiFi password.
d.When the DVR screen displays "Connected", it indicates that the phone has successfully connected to the machine.
e.Find "FinalCam" on the phone, then you can operate the DVR and download the files.
Android system
a.Search " Youmera " on Android store ,download and install software on your phone .
b.Open simultaneously "WiFi" of the phone and DVR.
c.Find the "NVT_CARDV" in the phone "WiFi", open and enter the password(the default password is 12345678), the DVR and phone should be same WiFi password.
d.When the DVR screen displays "Connected", it indicates that the phone has successfully connected to the machine.
e.Find "Youmera" on the phone, then you can operate the DVR as preview or download the files to your mobile phone .

Liquid Crystal Display (LCD)	2.0LTPS
Lens	170°A + HD wide-angle lens
Language Options	English / German / French / spanish / Italian Portuguese / Chinese Traditional / Chinese Simplified / Japanese / Russian
Resolution of Videos Recorded	1080P (1920*1080) 30FPS 720P (1280*720) 60FPS VGA (848*480) 60FPS QVGA (640*480) 60FPS
Video Format	MOV
Compressed Format of Videos	H.264
Resolution of Photos	12M / 80M / 5M
Storage	Micro SD
Shooting Mode	Single Shot / Self-timer (2s / 5s / 10s / Continuous Shooting
Frequency of Optical Source	50Hz / 60Hz
USB Interface	USB2.0
Power Source Interface	5VIA
Battery Capacity	900MAH
Power Dissipation	400mA@4.2V
Recording Time	1080P/ About 70 minutes
Charging Time	About 3hours
Operating Syatem (OS)	Windows XP/Vista or Above/Win7/Mac os
Dimension	59.27*41.13*29.28

Note: Specifications could be subject to modification due to upgrading or updating. Please regard the actual product as the standard form.

Optional accessories

| Car bracket | HDMI outlet line | waist bandage | car charger |