



封底

封面

## 06. APP 运用

本设备可以搭配APP: **Roadcam**使用, 用手机连接设备的WiFi热点, 进行影像预览和录像操作, 文件下载等功能!

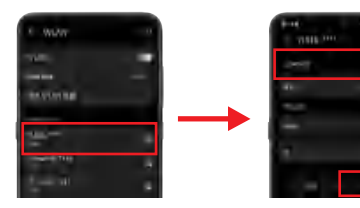
①**安卓下载:**  
进入应用商城, 搜索【Roadcam】或扫描下方二维码, 下载并安装



②**iOS下载:**  
进入苹果商城, 搜索【Roadcam】或扫描下方二维码, 下载并安装



③**WiFi连接:**  
机器开机后, 长按MENU键可以开启设备WiFi热点, 开启手机WiFi, 找到前缀为“YD16-”的WiFi网络, 输入默认密码: 12345678, 点击连接; 打开【Roadcam】APP, 进入主界面进行操作



注: 若不需要手机连接设备, 为了省电, 请长按MENU键关闭设备WiFi!

## 07. 充电

通过所配的Type-C数据线接入设备USB接口, 数据线另外一端连接手机充电器, 就可以对设备进行充电; 充电时红灯常亮, 充满后红灯熄灭

## 08. 文件读取

①用USB线连接电脑和设备, 设备屏幕出现提示: **连接设备**, 电脑会自动把设备当成移动U盘, 此时可以进行浏览及复制或删除设备里面的文件!

②也可以把TF储存卡拔出来, 用读卡器连接电脑进行文件操作!



## 09. 规格参数

规格参数可能因升级、更新等原因而变更, 请以实物为准!

液晶尺寸	5寸高清1全视角IPS屏
CMOS SENSOR像素	500万高清 2K / FHD1080
录像分辨率	2K / FHD1080
录像帧率	关/1分钟/3分钟/5分钟
照片分辨率	40M / 12M / 10M / 8M / 5M / 3M / 2M
视频格式	MP4 / H.264
照片格式	JPG
录像时间	关闭/1分钟/3分钟/5分钟
运动检测	支持
遥控控制	支持
WiFi	支持
记忆卡格式	CLASS10或以上速度, 最大支持512GB
语言选项	英语/德语/法语/西班牙语/意大利/葡萄牙语 繁体中文/简体中文/日语/韩语/阿拉伯语

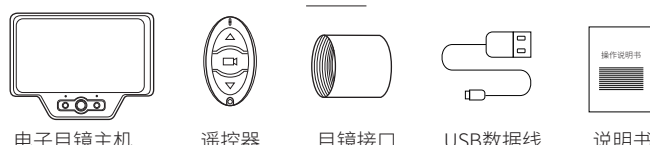
## 菜单设置

选项	选择设定	默认
分辨率	2K / 2560X1440 1080FHD / 1920X1080	2K
循环录像	关/1分钟/3分钟/5分钟	3分钟
延时录像	关/100ms/200ms/500ms	关闭
运动检测	关/开	关
录影音频	关/开	开
日期标签	关/日期/日期&时间	日期&时间
影像旋转	开启/关闭	关闭
自动关机	关/3分钟/5分钟/10分钟	10分钟
语言设置	英语/德语/法语/西班牙语/意大利/葡萄牙语/繁体中文/简体中文/日语/韩语/阿拉伯语	—
光源频率	50Hz/60Hz	50Hz
格式化	SD卡	—
定时关机	关/5分钟/10分钟/30分钟	关
恢复设置	取消/确认	—
软件版本	—	软件当前版本号

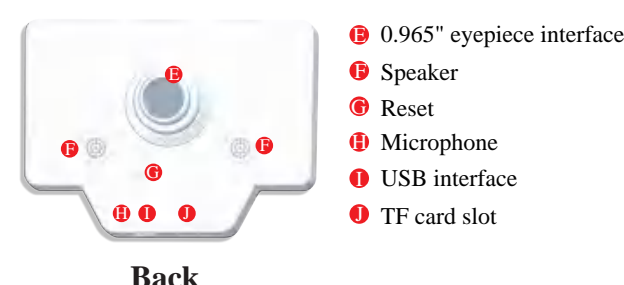
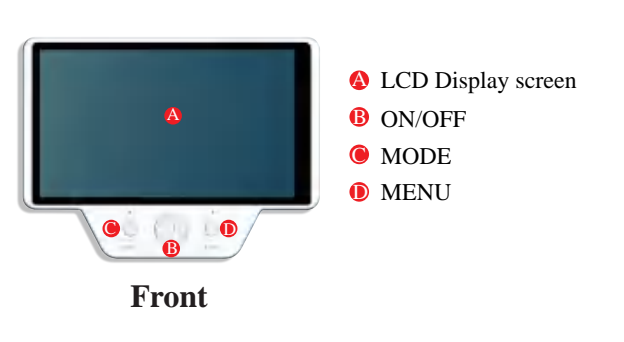
## 菜单设置

选项	选择设定	默认
分辨率	40M/12M/10M/8M / M/3M/2M	5M
连拍	开启/关闭	关闭
快速预览	关/秒/5秒	关
日期标签	关/日期/日期&时间	日期&时间
删除	删除当前/全部删除	—
保护	加锁当前/解锁当前 全部加锁/全部解锁	—

## 产品配件



## 01. Product Structure



## 01. Product Structure



## 02. Key Functions & Definitions

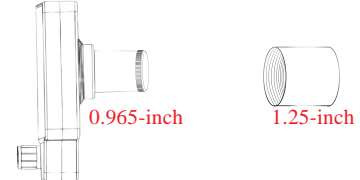
The machine has three operation keys, MODE, MENU and ON/OFF keys. RESET hole; please use a pointed object to insert this hole when the machine is dead for unknown reasons.

ON/OFF 开关键	① Long press for 3 seconds to turn on the phone in the off state, and then long press for 3 seconds to turn off the phone ② <b>Recording mode:</b> recording and rotate left and right to adjust the electronic filter (see the following description for specific operation) ③ <b>Photo mode:</b> press this key to take pictures ④ <b>Playback and delete:</b> the video recording standby mode, press the MODE key 2 times in succession, the machine enters playback mode, rotate the key to select the file to be previewed, press the key to play or pause, press the MODE key to stop the operation when playing; when playing the file, rotate the key to fast forward or fast rewind operation, right rotation for fast forward, left rotation for fast rewind, rotate in turn for fast forward 2X/4X/8X or fast rewind 2X/4X/8X times the speed, there is a prompt in the lower left corner of the display; if you need to delete or unlock the file, press MENU to enter the function options when you stop playing ⑤ <b>Menu mode:</b> Rotate left to enter the previous setting item and Rotate right to enter the next setting item ⑥ <b>Playback mode:</b> Left to select the previous file and Route right to select the next file
MODE 模式键	In video standby mode: ① Press this button to switch the video/photo/playback mode ② long press this button to quickly open or close the motion detection ③ When recording, tap this key to lock the current file protection

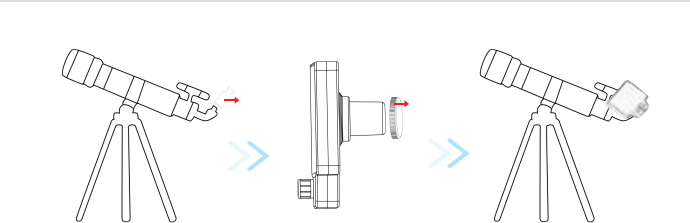
MENU 菜单键	③ Tap to enter the menu mode, tap again to exit the menu
RESET 复位孔	③ In the video standby mode long press this button to turn on or off WiFi Please insert sharp objects (such as pins, toothpicks, etc.) into this hole when the machine dies for unknown reasons, and reset it with a gentle pressure into the hole.

## 03. Installation method

① According to the size of the telescope eyepiece interface, choose the appropriate eyepiece interface (the device comes with a 0.965-inch eyepiece interface; if the telescope eyepiece interface is 0.965-inch, it can be directly placed in the original eyepiece position of the telescope; if the telescope eyepiece interface is 1.25-inch, you need to install the package with 1.25-inch eyepiece interface clockwise screw installation to the equipment eyepiece interface)



② Remove the eyepiece on top of the telescope, remove the dust cover at the interface of the local eyepiece, place it to the original eyepiece position of the telescope, tighten the screws to fix it, and the installation is complete



③ Turn on the electronic eyepiece, focus on the scene, if you find the image is upside down, please press the menu button to enter the Setup menu, select "Image Rotation", and then set to "On", the inverted image will be rotated to an upright image.

## ⚠ Cautions

① Please install the TF card in the correct direction before use to avoid damaging the TF card or the device. The first time you use in this machine, please perform the formatting operation inside the menu  
(please use high-speed CLASS10 or higher level of high-speed card)  
② 0.965 inches for the display comes with an eyepiece interface, the package is equipped with a 1.25-inch eyepiece interface.  
③ After using the product, please cover the dust cover to avoid dust into the filter  
④ The device is not waterproof, please do not put the device in water or rain.

## 04. Operating

① **Power on:** 1. long press the key for 3 seconds to power on  
2. USB port inserted into the 5V power supply, the machine is turned on  
② **Shutdown:** 1. Power on state long press the on button for 3 seconds to shut down  
2. When the display is low battery, it will save the file and automatically shut down.

Attention: The icon appears on the status bar of the LCD screen, and the video is recorded continuously at the set shooting interval value. Form a continuous frame to form the video, will take a long time to complete the shooting shorten, save TF card space

⑦ **File protection function:** When recording, press the MODE key to forcibly save the current recording file. This file will not be overwritten during loop recording.

⑧ **Motion detection:** In the video standby mode long press the MENU key (or enter the menu to open the motion detection mode; when an object is detected moving, the machine starts recording. When no object movement is detected for 5 consecutive seconds, the machine stops recording and enters motion detection standby mode. When the object movement is detected again, the machine re-recording!

Note: Due to differences in the lens aperture of each telescope, which may affect the sensitivity of detection, please test the effect yourself!

## 05. Electronic filter

In order to facilitate users to take high-quality and clear pictures in different scenes, the device is equipped with an electronic filter. The normal filter is RF0. If the user shoots in a cloudy day or half of a strong light scene, please select the light increasing filter BF1-BF6. If the moon or stars are photographed at night, please select the light reducing filter NF1-NF6.

Adjustment method of electronic filter: In the video recording mode, turn the key by a large margin (the rotation amplitude is about 23°) to enter the filter selection, turn the right direction to select the light increasing filter, and turn the left direction to select the light reducing filter. If there is no rotation within 2 seconds, exit the electronic filter adjustment

(Note: After the electronic filter is selected, it will not be saved when it is turned off. After it is turned on again, it will enter into the normal filter RF0)

## 06. App application

This device can be used with the APP: Roadcam to connect the device's WiFi signal with your cell phone for video preview and recording operation, file downloads and more!

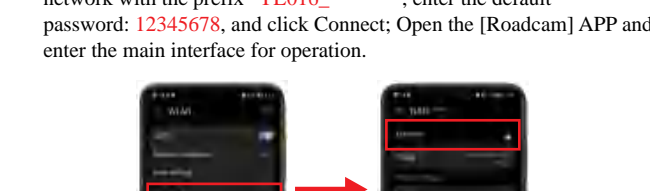
① **Android Download:**  
Go to Google Store, search [Roadcam] or scan the QR code below to download and install



② **iOS Download:**  
Go to Apple Store, search [Roadcam] or scan the QR code below to download and install



③ **WiFi connection:**  
After the machine is started, long press the MENU key to turn on the device WiFi hotspot. Open the mobile phone WiFi, find the WiFi network with the prefix "YD16-", enter the default password: 12345678, and click Connect; Open the [Roadcam] APP and enter the main interface for operation.



Note: If you do not need a mobile phone to connect to the device, in order to save power, long press the MENU key to turn off the device WiFi!

## 07. Charging

Connect to the USB port of the device through the Type-C cable provided, and connect the other end of the cable to the phone charger to charge; the red light is always on when charging, and the red light goes off when it is full.

## 08. File Reading

① Connect the computer and the device with the USB cable, the device screen appears: memory, the computer will automatically treat the device as a mobile flash drive, you can browse and copy or delete the files inside the device at this time!  
② You can also pull out the TF memory card and use the card reader to connect to the computer for file operation!

## 09. Specifications

Specifications may change due to upgrades, updates, etc. Please refer to the actual product!

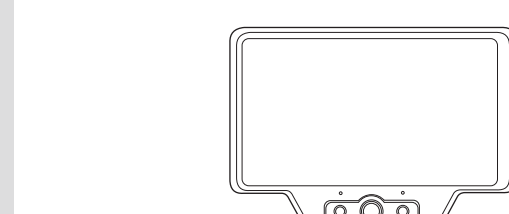
LCD screen size	5-inch HD / full-view IPS screen
CMOS SENSOR Pixels	5 Million HD
Video resolution	2K / FHD1080
Video frame rate	30 fps
Photo resolution	40M / 12M / 10M / 8M / 5M / 3M / 2M
Video format	MP4 / H.264
Photo format	JPG
Recording time	Off/3min/5min/10min
Motion Detection	Support
Remote Control	Support
WiFi	Support
Memory Card Format	CLASS10 or above, supporting up to 512GB
Language	English / German / French / Spanish / Italian / Portuguese / Traditional Chinese / Simplified Chinese / Japanese / Russian / Korean / Arabic

菜单设置	Projects	Select Settings	Default
Video recording	Resolution	2K / 2560 X 1440 1080FHD / 1920 X 1080	2K
	Recording	OFF/1min/3min/5min	3min
	Time-lapse record	OFF/100ms/200ms/500ms	OFF
	Motion Detection	OFF/ON	OFF
	Video Audio	OFF/ON	ON
	Date Label	OFF/Date/Date & Time	Date & Time
	SENSOR Rotation	Turn on/off	Turn off
	Date/Time	MM/DD/YY/DD/MM/YY/YY/MM/DD	Connect with the cell phone APP automatic time alignment
	Auto shutdown	Off/3min/5min/10min	OFF
	Language Settings	English / German / French / Spanish / Italian / Portuguese / Traditional Chinese / Simplified Chinese / Japanese / Russian / Korean / Arabic	—
Video playback	Light source frequency	50Hz/60Hz	—
	Format	SD card	—
	Timer screen off	Off/5min/10min/30min	10min
	Default Setting	Cancellation / Confirmation	—
	Software Version	—	Current Version

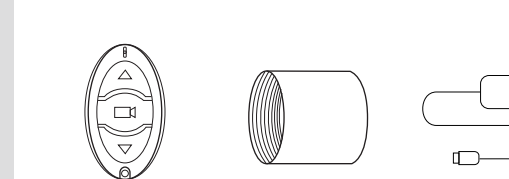
菜单设置			
	Projects	Select Settings	Default
Photo taking	Resolution	40M / 12M / 10M / 8M / 5M / 3M / 2M	5M
	Continuous shooting	OFF/ON	OFF
	Quick Preview	OFF/2s/5s	OFF
	Date Label	OFF/Date/Date & Time	Date & Time
Play	Delete	Delete current/delete all	—
	Protection	Lock Current/Unlock Current Unlock All/Unlock All	—

## Product Accessories

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## Recorder mainframe



## Remote Control

## Eyepiece interface

## USB cable

## manual

The device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) The device may not cause harmful interference, and (2) The device must accept any interference received, including interference that may cause undesired operation.

Changes to restrictions listed expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment operates with a radio frequency energy that, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

— Reposition or relocate the receiving antenna.  
— Increase the separation between the equipment and receiver.  
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
— Consult the dealer or an experienced radio/television technician for help.

This equipment complies with the FCC RF Emission exposure limits for an uncontrolled environment. The equipment should be operated and operating with a minimum distance of 20cm between the body and any part of any body.