

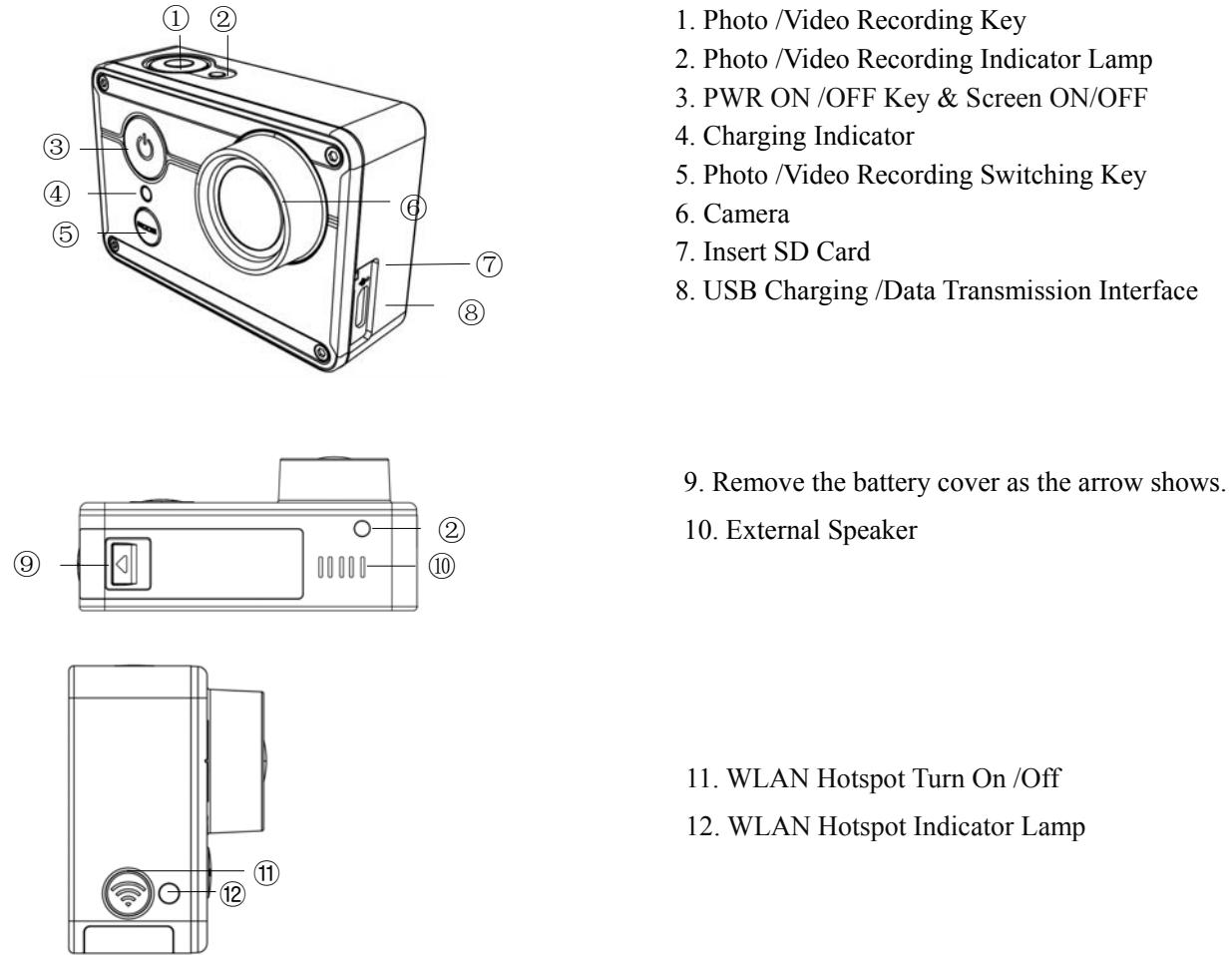
**T1**

**User Manual**

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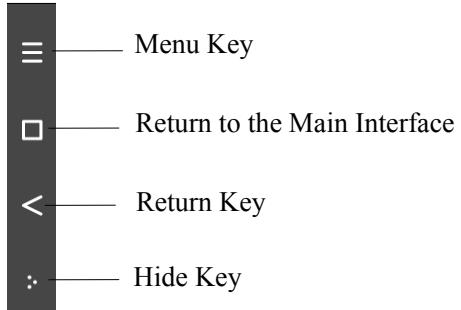
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## Basic Operation



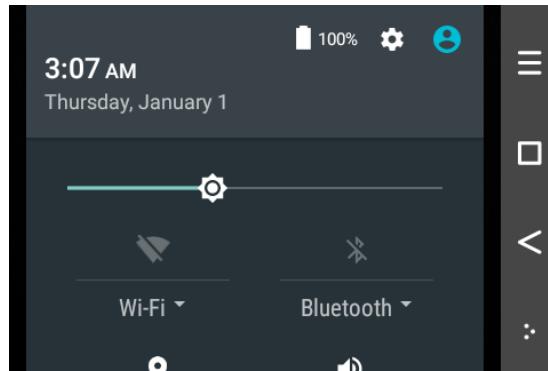
## POWER ON

Press the POWER ON Key, the camera will first enter the photograph pre view interface, with camera functions explained below. Activate the pull-down, the camera will exit to the Standby Interface with four keys at the left side, shown as follows:



## Notification Bar:

On the top of the screen, including useful and important information about the camera and applications installed. Several icons will appear in the notification bar, e.g.: battery indicator lamp, setting, date, Bluetooth, Wi-Fi, etc. You can slide the notification bar down with your finger to show some operations not performed yet.



## Notification Bar Setting

Notice setting windows shortcuts to quickly visit different camera settings. Click any shortcut notification icons to turn it on or off, shown as above:

## Screen Brightness Adjustment

Slide the brightness bar to adjust screen brightness.

## Volume

Click the speaker icon and slide the popup control bar to adjust volume.

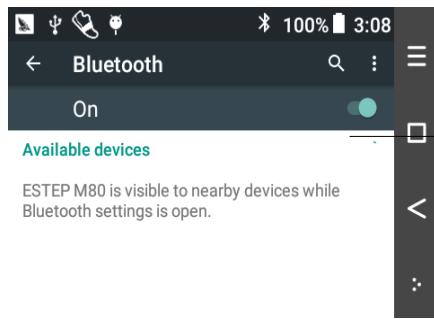
## Bluetooth & Wi-Fi

Bluetooth is a short-range wireless communication technology, in which the exchange information can be applied and connected to different types of devices.

## Turn on Bluetooth

Set >Bluetooth>Turn on Bluetooth, the Bluetooth icon will appear in the notification bar. Bluetooth will begin to scan all the devices within its scope, and show all available devices in a list.

Click in the Bluetooth Interface to refresh and rename the device, show the documents received, and execute other operations.



The list of available Bluetooth devices will appear here.

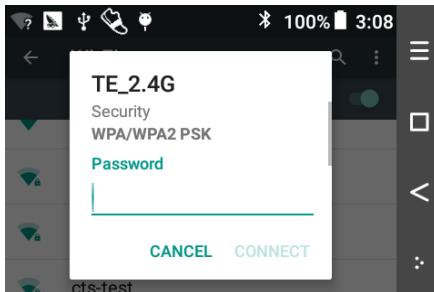
Note: This camera has a maximum detection time of 2-3 minutes.

## Turn on WLAN

Set>Wireless Network Connection, choose to turn on Wi-Fi, click the Wi-Fi network needed and make connection.

Click in the WLAN Interface to add networks, make refreshing and upgrading and execute other operations.

Attention: Insecure networks can be directly connected to – fixed networks need a password or credential prior to connection.



## Camera

The SD card can be inserted before taking photos/recording to store photos and videos.

Application Menu > Camera, the Camera Preview Interface will appear, and you can take pictures, switch to video recording, view pictures, and set some functions of the camera, shown as follows:



Photograph Preview Interface

Click the Video Recording Switching Icon, the following interface will appear:



Video Recording Preview Interface;  
Click the Photo Icon while recording video, you can also take photos.

### Basic Functions of the Camera

Click in the Camera Preview Interface to exit,

Click to set Photo Mode, e.g.: auto-photo, HDR, gestures, smiling face, facial beautification, motion, Panorama Mode, etc.

Click to switch to Video Mode.

Click to take photos.

Click to enter Photo Album to view pictures having been taken, and apply photograph preview.

Click to switch to Photo Mode.

Click to apply video recording.

Click to stop video recording.

Click to pause video recording.

Click to continue video recording.

You can enter Photo/Video Mode in any state by pressing Key 1 (Taking Photos) as shown in the figure

Click to set some attributes and basic function as shown below:

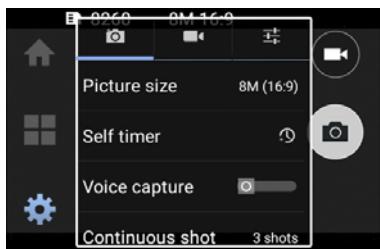


Figure I Set Camera Basic Functions

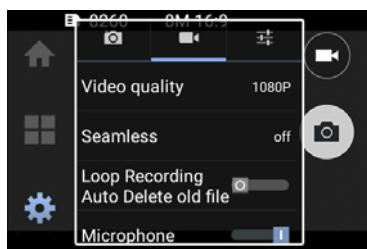


Figure II Set Video Basic Functions

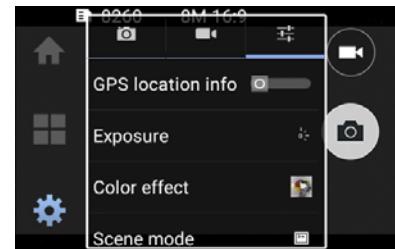
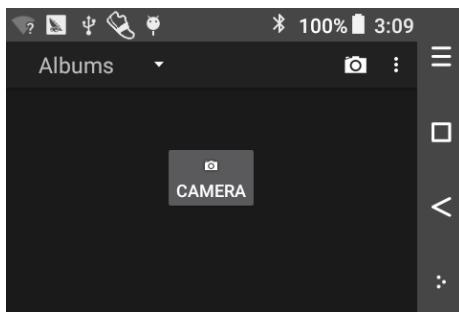


Figure III

## Photo Album

### Open the Photo Album

Application Menu >Photo Album



### Sharing Pictures

You can send the shared pictures through different types of applications installed.

### Picture Adjustment

Press the Me nu Key and choose EDIT to ad just pictures: retro, black & white, realtime, latt e, lithological, X-process, tailor, rotation, mirror, straightening, halation, contrast, exposure, auto; you can choose different effects, probably including selection of color, shadow, vitality, multi-element, and you can also adjust other settings of the pictures.

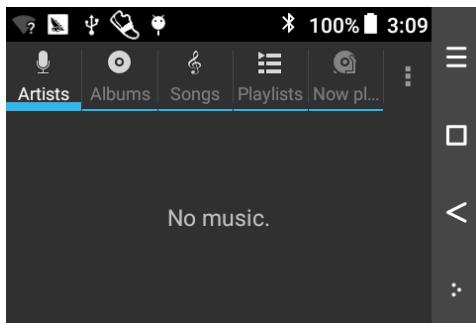
### Picture Tailoring

Click Menu and select Cut to adjust picture size. When the picture appears, clump into fingers or apply the Zoom Out function to adjust picture size. To maintain the picture proportion, please hold the pictures at any of the four corners and make corresponding adjustment.

## Music

### Play Music

Application Menu >Music



## Sound Effect

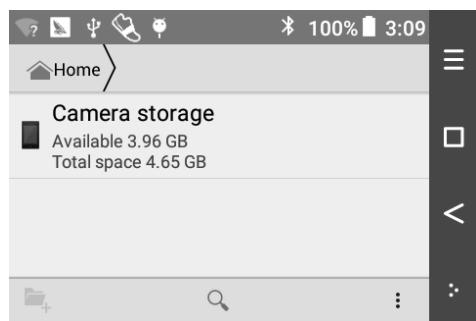
You can open the equalizer to set some special sound effects of the music to be played.

## Search Music

You can search the Music Media Folder through Singer Name, Song Name and Album, including the following formats: AMR, MIDI, MP3, WAV and OGG.

## File Management

The File Manager is for effectively managing some files, pictures, music in Camera, you can also create, delete, search, sort, rename, display and hide some files.



## Wireless and Networks



### Wi-Fi

POWER ON Setting >wlan When applied, Wi-Fi will automatically search available networks. Any insecure networks can be directly used while any secure networks need a password or credential before connection.



### Bluetooth

Turn on Bluetooth. Once applied, Bluetooth will automatically scan any nearby open devices. Click the list to make connection.



### Wi-Fi Hotspot

Set>More>Network Sharing & Portable Hotspot>WLAN Hotspot>Turn ON/ Set>WLAN Hotspot>Turn ON/Hot Key 11 as shown can be used to turn it ON/OFF. The setting of WLAN Hotspot Security has password and non-password. Use another device to connect the Hotspot to see whether it is available.

**Wi-Fi Hotspot Default Passwords:** 1234567890

Wi-Fi Hotspot Turn-ON setting:

1. Always ON
2. Turn OFF after 5-minute Idle
3. Turn OFF after 10-minute Idle

WPS Connection Mode

You can view connected Wi-Fi Hotspot quantity and users, and make permission setting to connected users;

### ... More

Set>More Portable hotspot and VPN settings are available.

## Device

### Display

Set>Display Apply the Display to adjust wallpaper, camera brightness, dormancy, font size, etc.

### Storage

In the Storage, you can view SD card and the camera storage capacity. You can choose the default storage location for files, either camera storage or SD card storage.



### Battery

You can view the camera power consumption and charging state.



### Application

Management Applications – Manage and delete applications installed.

Run Applications – Press the “Force Stop” Button to stop any applications listed and delete any applications run from the list.

## Personal



### Location Information

Visit my location – permission of applications location

## **Security**

You can view the device manager, unknown sources, storage certificate, credit certificate, storage and installation from the camera, etc.

## **Account**

You can add new accounts.



## **Language & Input**

- Language – Change camera languages
- Custom Dictionary – Words to be added to or deleted from the custom dictionary.
- Keyboard Setting – Touch vibration, touch hue, capitalization, speech input, words being input, predictive text function, auto-text-input

## **System**

### **Backup & Restore**

Backup Data – Back up all application data, WLAN passwords, Google Server, etc.

Restore Factory Defaults – Clear up all data stored.



### **Date & Time**

Adjustment of date and time

Choose time adjustment methods:

1. Use network to provide time
2. Use GPS to provide time
3. Turn-off >Manually setting time

Choose the time zone as per your location.

Choose date format – 24-hour format and 12-hour format.



### **About This Camera**

Camera version can be unlimitedly upgraded.

Status Information –Battery status, battery capacity, IP address, WLAN address, Bluetooth address, applied POWER-ON time

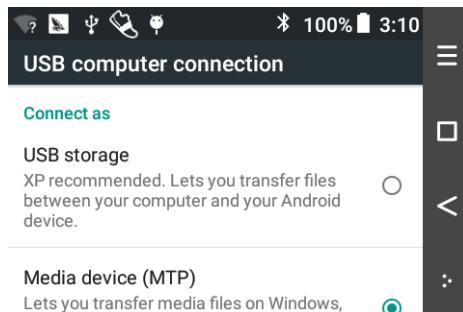
## Legal Information

### Model, Version Number

Click continuously 4 times the Version Number, and you can enter the developer option.

## Storage

Connect the camera with the USB data line provided. Once connected, the following interfaces will appear. In the connection mode interface, choose and apply the MTP, and you can transfer files from the connected screens. You can also choose from other available storage options.



## Photo Studio

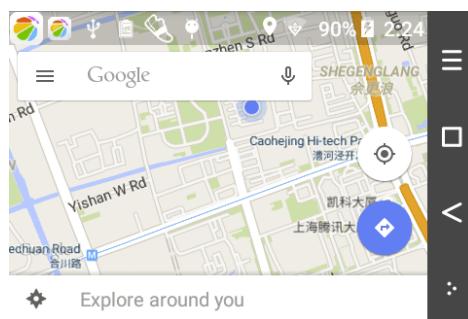
Apply the Photo Studio in the main interface, and some applications are available, such as: Snapseed and androvidpro.

## Sport

Connect WLAN, apply Sport in the main interface, and some applications are available, such as: pacer and mytracks.

## Map

Connect WLAN, enter VPN and apply the Google Map, login a Google account, shown as follows:



## WeChat

Connect wlan, apply the WeChat, login user account to enter the WeChat Interface, and then you can chat with others and send pictures.

## **Twitter**

Connect WLAN, login a Twitter account, and then the Twitter can be applied.

## **Play Store**

Connect WLAN, enter Play Store, then login a Google account, and you can download music, games, applications, etc.

## **Facebook**

Connect WLAN, login a Facebook account, and then the Facebook can be applied.

## **Indicator Lamp**

### **1. Explanation of Charging Indicator:**

To charge batteries, please use the attached USB transmission line to connect the camera with the computer or other USB charger adapter. During charging, the red indicator lamp on the front of the camera will be on, and after charging, the blue indicator lamp will be on.

### **2. Explanation of WI-FI Hotspot Indicator Lamp**

When wireless network is applied, the wireless network state icon will appear on the screen, and the blue wireless network indicator lamp will flicker intermittently.

### **3. Explanation of Photo-Taking Indicator Lamp**

During video recording, the camera state indicator lamp will flicker continuously.

During photo taking, the camera state indicator lamp will flicker one time.

## **Operation Method for Connecting APP to the Camera**

1. Download ESTEP DV App from the Apple App Store or the Google Play to your Smartphone /Tablet PC.

2. Press the WI-FI Key at the side of the camera and wait until the blue lamp flickers.

3. Enter the WIFI Setting of your Smartphone / Tablet PC and choose the ESTEP+7-digit network.

Your camera's default password is 1234567890.

#### 4. Apply the ESTEP DV App.

### Camera Operation Instruction

#### Before use

- When the camera is unused for a long time, please check whether it can be normally operated, especially before you're going to shoot important subjects (e.g.: wedding or outbound travel). Our company assumes no responsibility for any indirect loss incurred due to functional faults (e.g.: fail to record, replay or transmit data to computer, etc.) of the camera or the recording media (microSD memory card).
- Camera lens can not be exchanged or removed.

#### About the Secondary Lithium Battery Pack and the Power Supply Unit

- Storing fully-charged batteries may degrade the battery performance and special attention should be paid that batteries shall not be stored in high temperature environment.
- Batteries will over discharge if the camera is unused for a long term with batteries inserted in, which will reduce batteries' service life.
- It is recommended to charge batteries on or one day before the day when the camera is to be used.
- The attached power supply unit is dedicated for the camera. Never use any other devices.

#### Attentions for carrying and using the camera

- Batteries must be uninstalled before the camera is used as an automobile data recorder.
- Never use or store the camera in high temperature
- Avoid the camera being placed in high temperature and damp. Special attention must be paid to the easily-rising temperature in car.
  - The camera can be used within a temperature scope of -10°C ~ 40°C.
  - The camera screen will turn dark when temperature is high, and will recover when it returns to normal temperature.
  - The camera screen will respond slowly in low temperature, which is the characteristic of liquid

crystal but not a malfunction of the camera.

- When put in a place with large temperature differences, the camera inside and outside will have vapor condensate. Therefore, please put the camera in a bag or a plastic bag and the camera can be taken out when the temperature difference has decreased.
- Protect the camera against factors that may make any damage, such as rubbish, dirt, dust, water, poisonous gas, salt, etc. Please quickly wipe out any raindrop or water drop from the camera.
- Please do not exert large strength on the display screen, and otherwise it will crack or be broken down.

### **Camera Cleaning**

- Never use organic solvents to clean this product, such as diluent, ethyl alcohol or gasoline.
- Please use a lens brush to wipe out the dust on the lens. Never use the spray-type gas pump for it may damage the lens.

### **Camera Safekeeping**

- Camera shall not be put in places with preservatives and chemicals. Take the camera out of the bag and put it in a well-ventilated place to avoid moisture.
- Never use or store the camera in places where static electricity or electrical interference easily occur.
- Please do not use or store the camera in direct exposure in the sun, or environment with rapid temperature changes or vapor condensate.
- It is recommended to conduct periodical inspection once or two years to maintain high performance.

### **Other Matters**

- Please take care that the microSD memory card is still hot when taken out of the camera which is used just now.
- Never take out the microSD memory card or turn off the camera when data are being replayed or stored into the card, or the camera is being connected to the computer via USB wire, otherwise data

may be lost or the SD card may be damaged.

- Never bend the microSD memory card or have it impacted by strong force. Never moisten the card or store it in high temperature.
- Never take out the microSD memory card when it is formatted, otherwise it will be damaged and can not be used in the future.
- Data in the microSD memory card may be lost in the following conditions.

Our company assumes no responsibility for the lost data:

- (1) User's improper use of the microSD memory card.
- (2) The microSD memory card encounters static electricity or electrical interference.
- (3) The microSD memory card is unused for a long time.
- (4) The microSD memory card pops up or the batteries are taken out when the data in the microSD memory card is being recorded or accessed.

- If unused for a long time, the data in the SD card may be difficult to read, so important data must be backed up periodically in the computer.
- Please do remember to format the unused microSD memory card or those used in another camera.
- When some microSD memory cards with a slow recording speed are used during film shooting, even if the cards have enough space, the camera may also stop shooting or prolong the shooting and replaying time.
- Please note that even if you delete the data or format the memory card and built-in memory, the original data still can't be deleted completely. The data deleted previously may be recovered by way of recovery software sold in the market. Data disposition and management shall be under the users' own responsibility.

USB versions: USB 3.0.

## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 generates, uses and can radiate radio frequency energy and, 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 or more of the following measures:

- Reorient 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/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC ID: 2AJL6-ESTEP0001