

1.INTRODUCTION	2
2.SPECIFICATIONS	2
3.BOX CONTENTS	3
4.SAFETY PRECAUTIONS	4
5.GRT TO KNOW YOUR SCANNER	4
6.HOW TO USE YOUR SCANNER	5

1. INTRODUCTION

Thank you for purchasing the TONIVENT Scanner Digital Scanner,

This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only, It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions, See warranty for details.

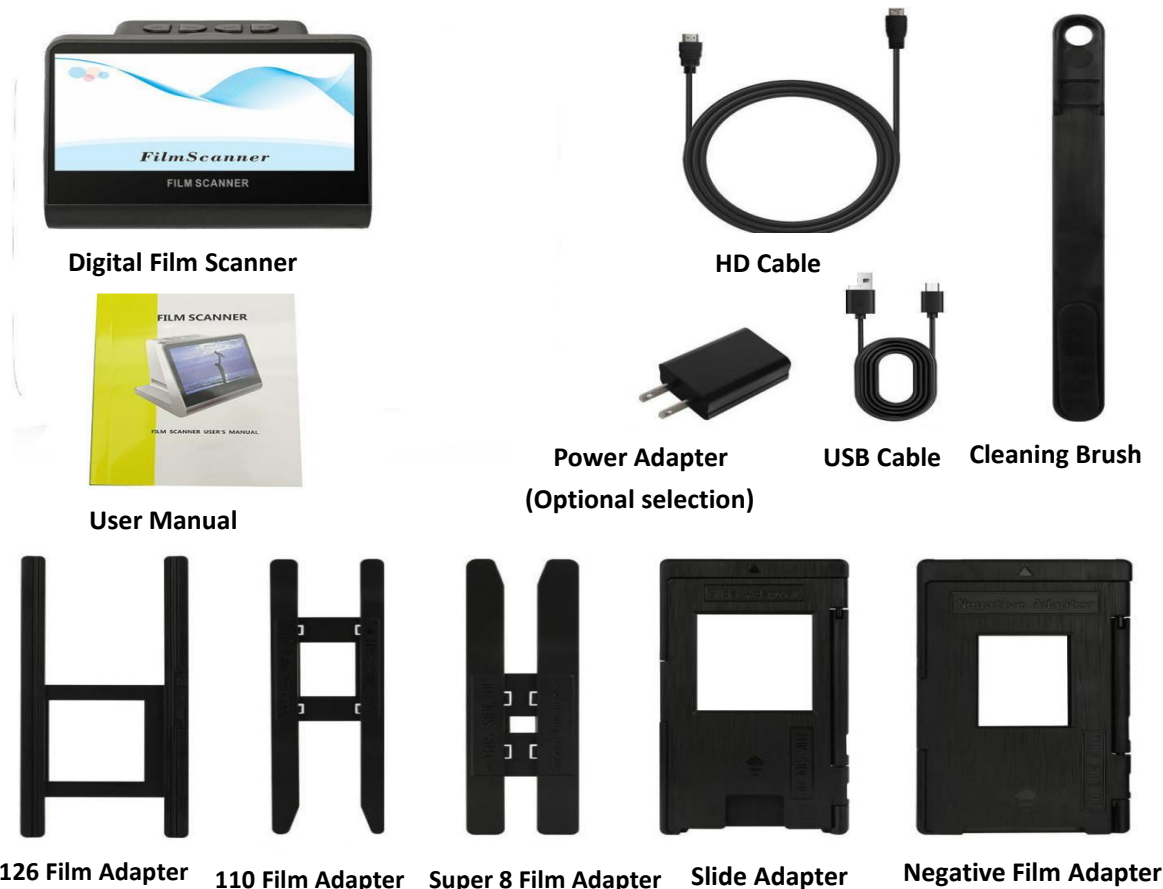
2. SPECIFICATIONS

Interface	Type-c mini HD
Image Sensor	14.0 Mega pixels (4416*3312) 1/2.33" CMOS sensor
Display	All Angle Color 5" LCD
Exposure Control	Automatic / Manual (-2.0 EV~ +2.0EV)
Color Balance / RGB Color	Automatic / RGB Color Adjustment
Resolution	14.0 Mega pixels/ 22Mega pixels (interpolation)
Film Type	135 Film(36*24mm)、 126KPK Film(27*27mm)、 110 Film(17*13mm)、 Super8 Film(4.01*5.79mm)、 Monochrome、 Slide

Scan able Picture Formats	B&W, Slides, Negatives
File Format	Picture: JPEG
TV - OUT Type	NTSC/PAL
Built-in Memory	16GB
HD to TV Connector	MINI HD cable male connector to male connector
Power Supply / PC Interface	DC 5V Adapter/ Type-C to USB Port
Language	S-Chinese / T-Chinese / English /French /German / Italian / Spanish /Japanese

3.BOX CONTENTS

Please check your scanner package whether it contained as followed objects, if lack of any object, please contact with retailers whom you buy the product from.



4.SAFETY PRECAUTIONS

1. Do not disassemble this unit.
2. Do not touch inner part of the scanner after dropping or other damage suffering.
3. Do stop using it if there is any problem with the scanner, such as smoke or smell while using.
4. Do not clean the scanner with alcohol, gasoline, diluent and other organic solvent.
5. Do not use it in many dusts with the damp environment.
6. Do not overload the USB connections on your computer to avoid poor working of the scanner for overloading.
7. Please use films of standard size.
8. Keep cleaning: Please make sure the scanner is clean before using so as to produce a clear image.

This device is not intended for nor capable of developing film, Film must have previously been developed in order to produce negatives that can be digitized, Any images of film and/or film types are only to illustrate the various categories of film that can be digitized and scanned using this device.

DO NOT ATTEMPT TO DEVELOP FILM USING THIS DEVICE

5.GRT TO KNOW YOUR SCANNER

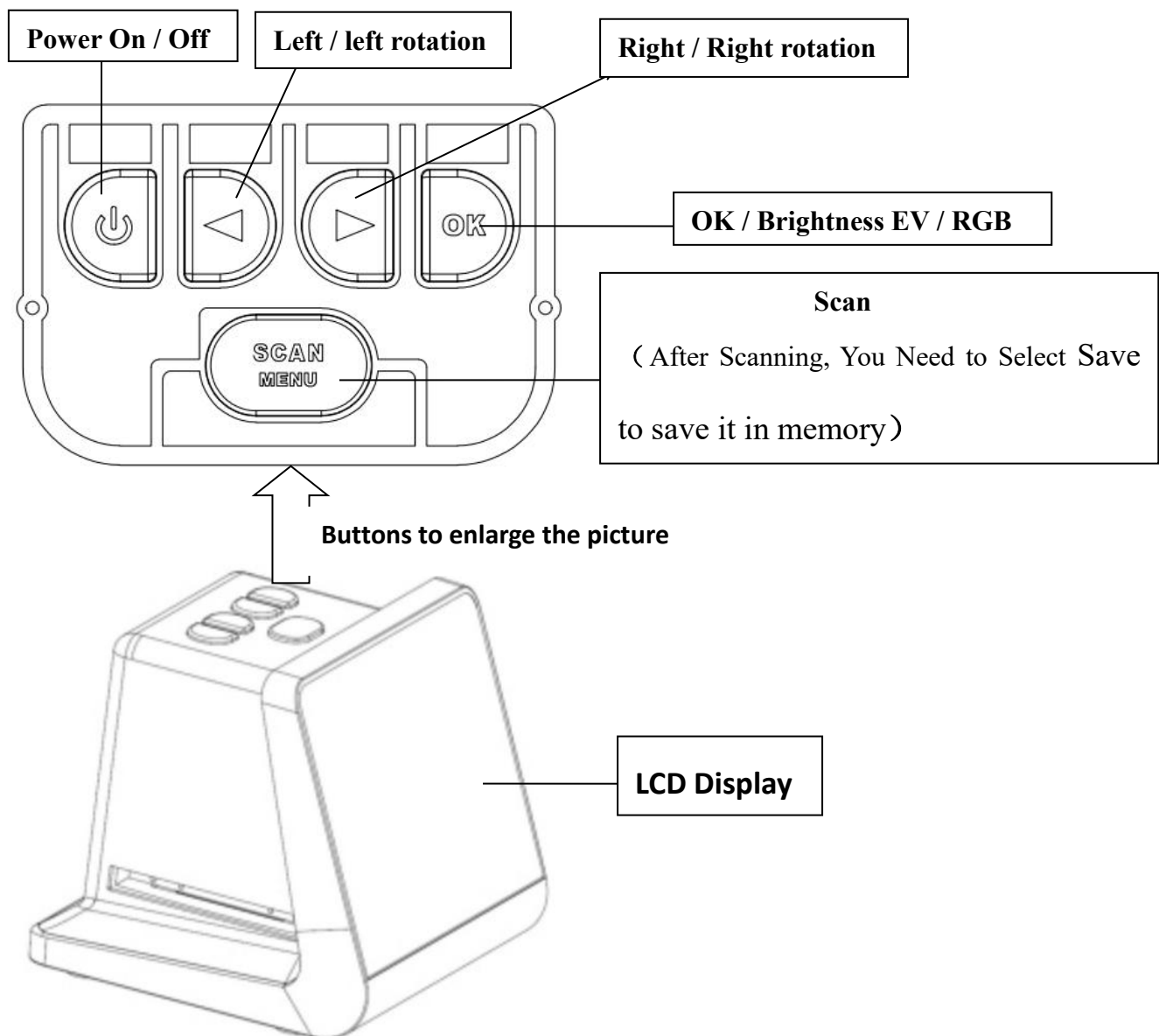


Film/Side Negative Holder



**Type-c Power
USB to PC Connector**

**HD Interfaces
HD TO TV Connector
HD TO PC Connector**



6.HOW TO USE YOUR SCANNER

Power the scanner by connecting the Type-C USB Cable to the port on your scanner, and then connecting the other end to either the Power Adapter or the USB port of your computer

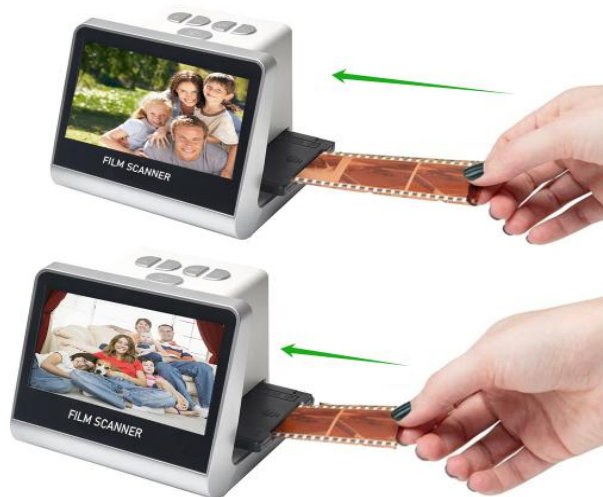
Press the Power Button to turn on your scanner, The Home Page will pop up on the LCD screen

Slide and Negative holder loading method

Loading Negatives

A.

Hold up the negative toward the light. First insert the film clip into the machine slot with the arrow direction up. After that, insert the film clip in the direction of the arrow of the film negative clip as shown in the figure:



B.

Take out negative holder out. Let the side with "A" logo face yourself, and let the side with "<" logo face down. Open the negative holder, then place negative into recessed area in the holder. Close the negative holder and press the edges so that it locks in place.



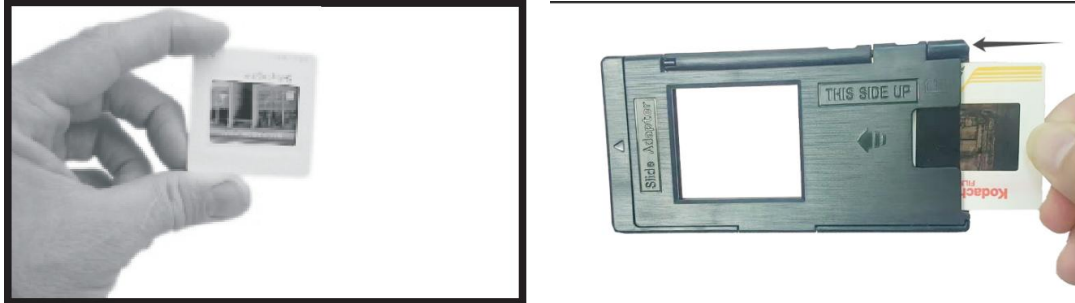
C.

Insert the negative holder into the slot on the right side of the film scanner .



Loading Slides

A. Hold up the slide toward the light. Face (we don't provide white small holder)



B. Take out slide holder out. Let the side with “B” logo face yourself, and let the side with “ < ” logo face down. Open the slide holder, then place slides into recessed area in the holder.(films also could be loaded as a strip into the slide holder, forming drawer type as below picture) Close the slide holder and press the edges so that it locks in place.



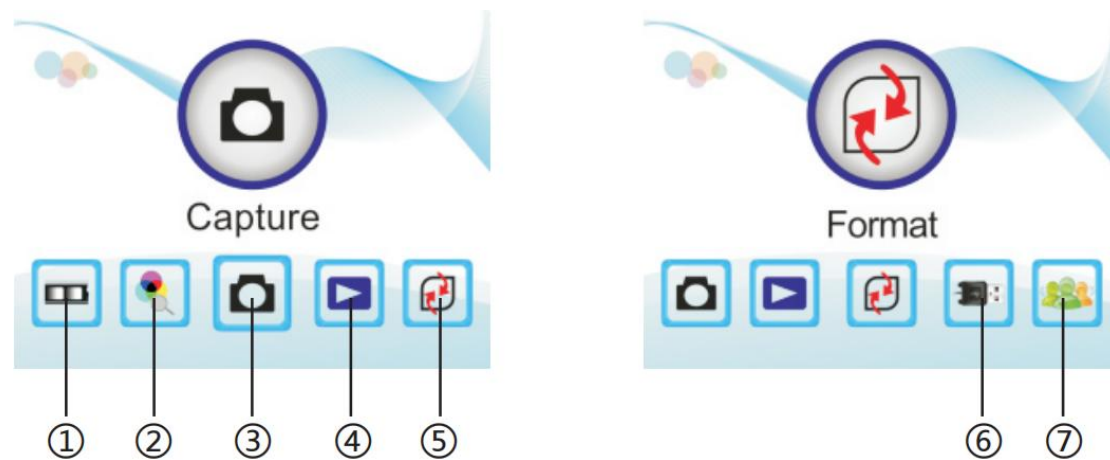
C.
Insert the slide holder into the slot on the right side of the film scanner.



**Note: Place and hold the film carefully to avoid scratches or fingerprints (cotton gloves are preferred when using the film).
It is recommended to use compressed cotton to remove dust from the film.**

YOUR HOME PAGE AND MAIN MENU

(1) Introduction of Menu



- | | |
|--------------|------------|
| ① Film Type | ⑤ Format |
| ② Resolution | ⑥ USB MSDC |
| ③ Scan | ⑦ Language |
| ④ Playback | |

(2) Capture Picture

A. Before scanning please make sure the inner backlight panel is clean.

Note: You can use the provided brush to clean the screen.



Functional labeling



HOME

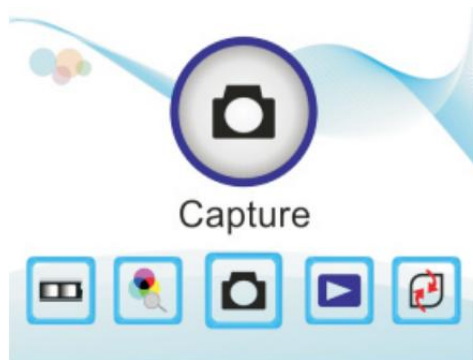


Cancel



Save

B. In main Menu mode press “OK” enter capture mode, you can press left button to mirror and press right button to flip the current picture. And you can press OK button to set Exposure. Then Option “HOME” button again back to main menu.



OK/Enter



↓ Mirror



Press right key, the image position be altered from up to down.

← Flip

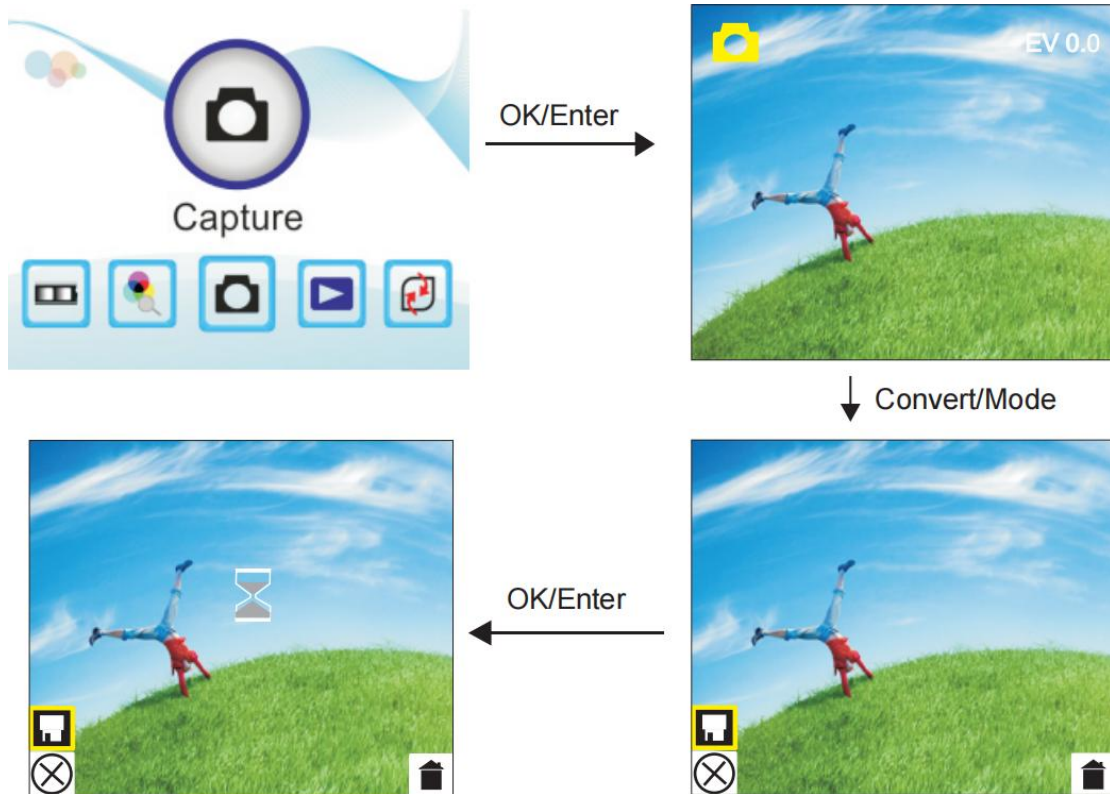


Press left key, the image position be altered from left to right.

Press “OK” to set exposure compensation



C. In main Menu mode press “OK” enter capture mode, then press “OK” Scan, Option“**Save**” the picture would be captured.



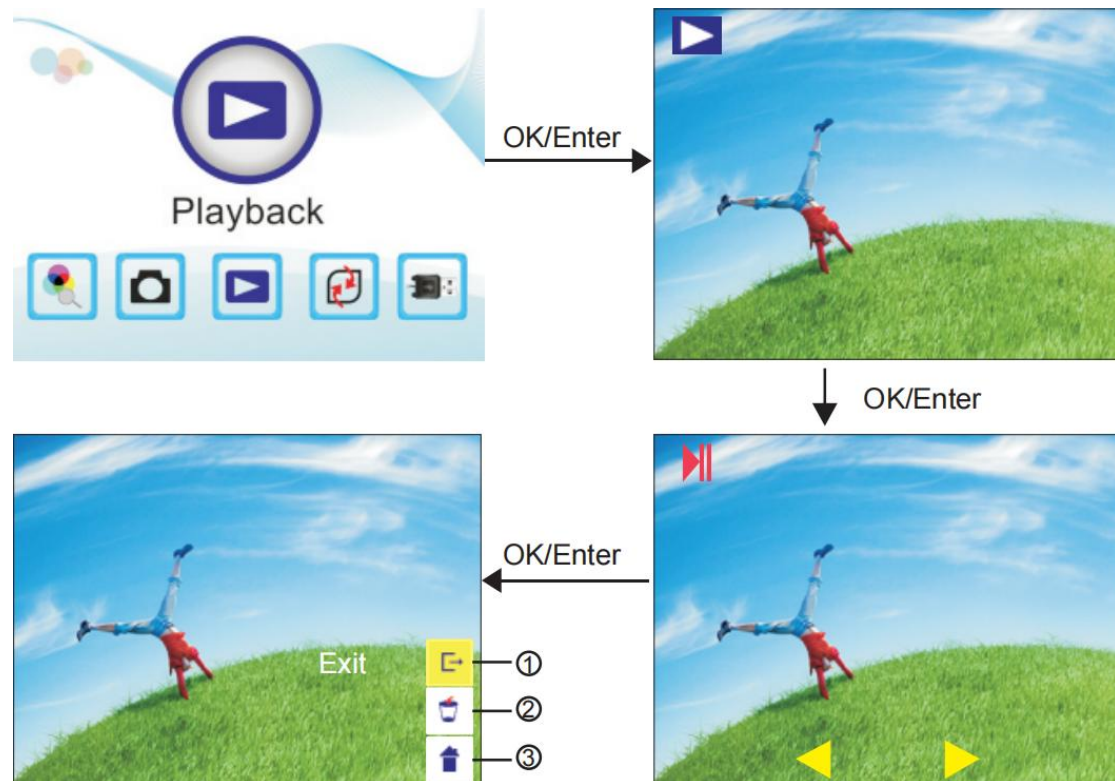
(3) Operation Guide

In main menu, press “<” “>” , until  , then press “OK/Enter” you can chose negative(110、135、126KPK)、slide(110、135、126KPK、 Super8)、 B&W film (110、135、126KPK)

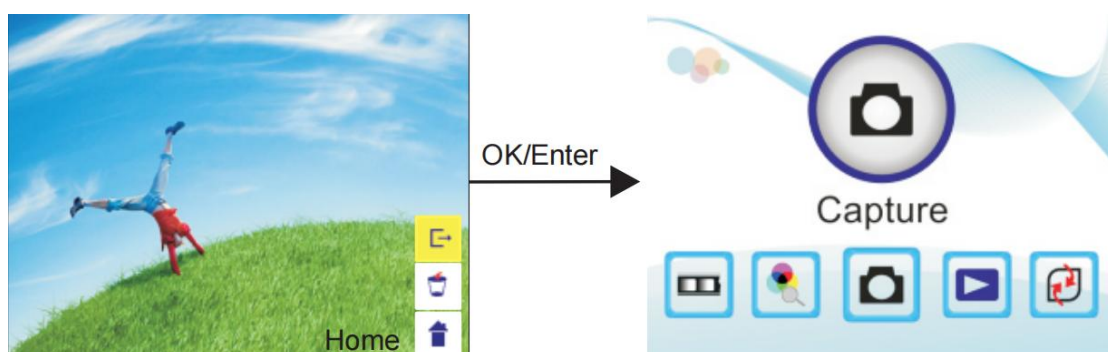


(4) How to playback captured picture

In main menu, press “<” “>” , until  , press “OK/Enter” enter the picture auto-playback mode press again to stop auto playback and you can view captured pictures manually, you can press “<” “>” to view; press “OK/Enter” again enter picture editing mode, you can rotate: delete, exit, save, and “home” back to main menu.

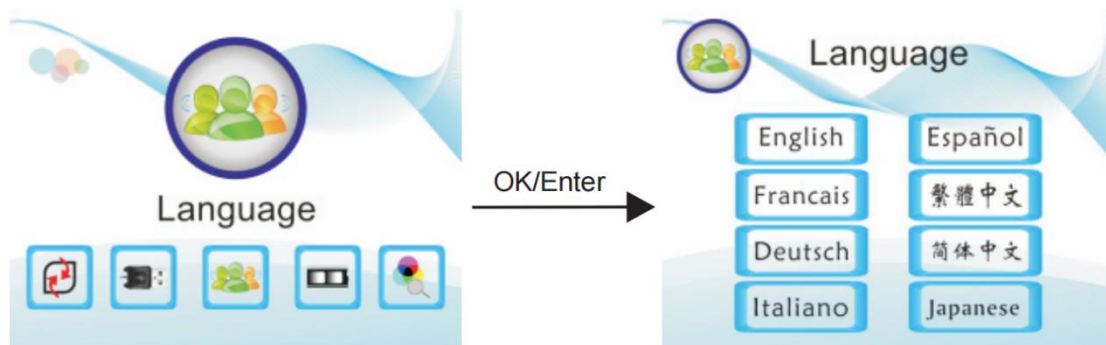


- ① Exit the submenu edit mode, back
- ② Deleting the current picture from memory card
- ③ Exit the submenu edit mode, back to scan



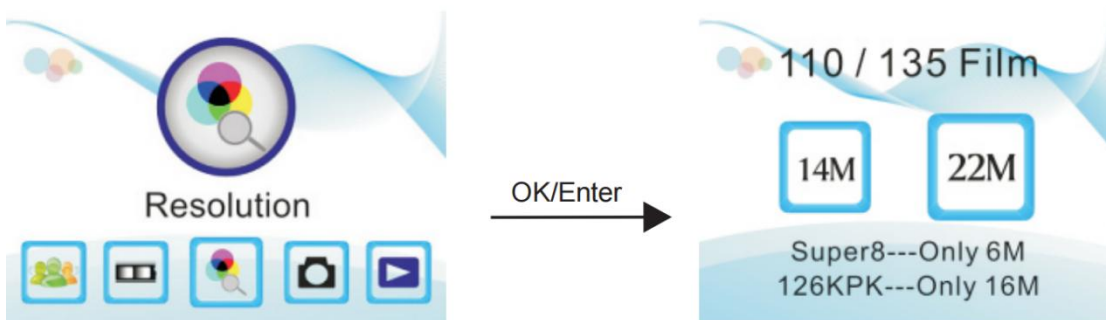
(5) Setting Language

Under main menu mode, press “<” “>”, until , press “OK/Enter” to choose language, then press “<” “>” and “OK/Enter”, one of following 8 language can be set: English、French、German、Italian、Spanish、T-Chinese、S-Chinese、Japanese.



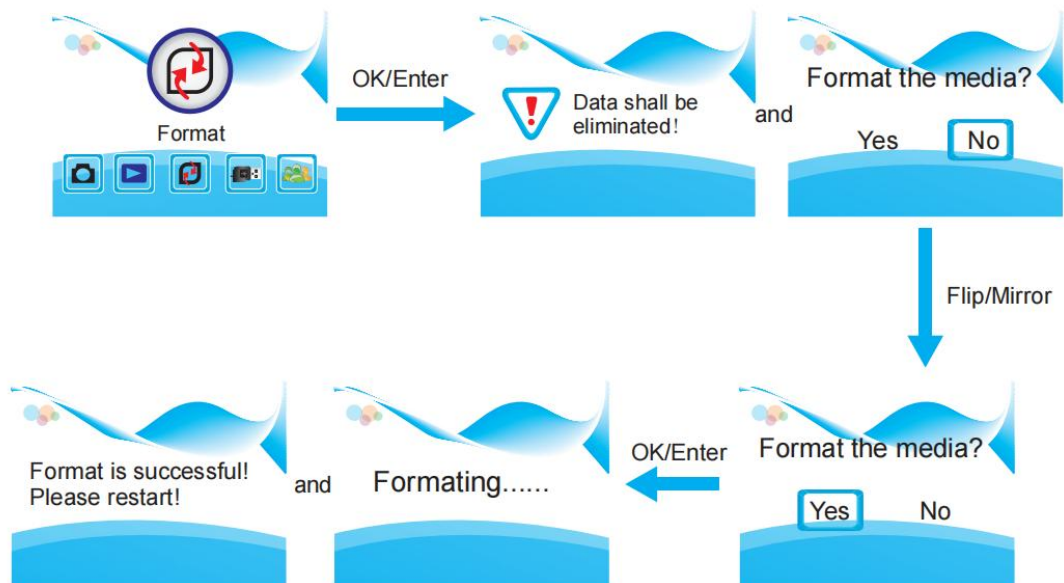
(6) Resolution Choosing

Under main menu mode , press “<” “>” , until , press “OK” to enter into Resolution Choosing Mode, you can choose 14M or 22M(interpolation)



(7) Formatting

In the main menu, press “</>” to " , press "OK/Enter" button to enter.

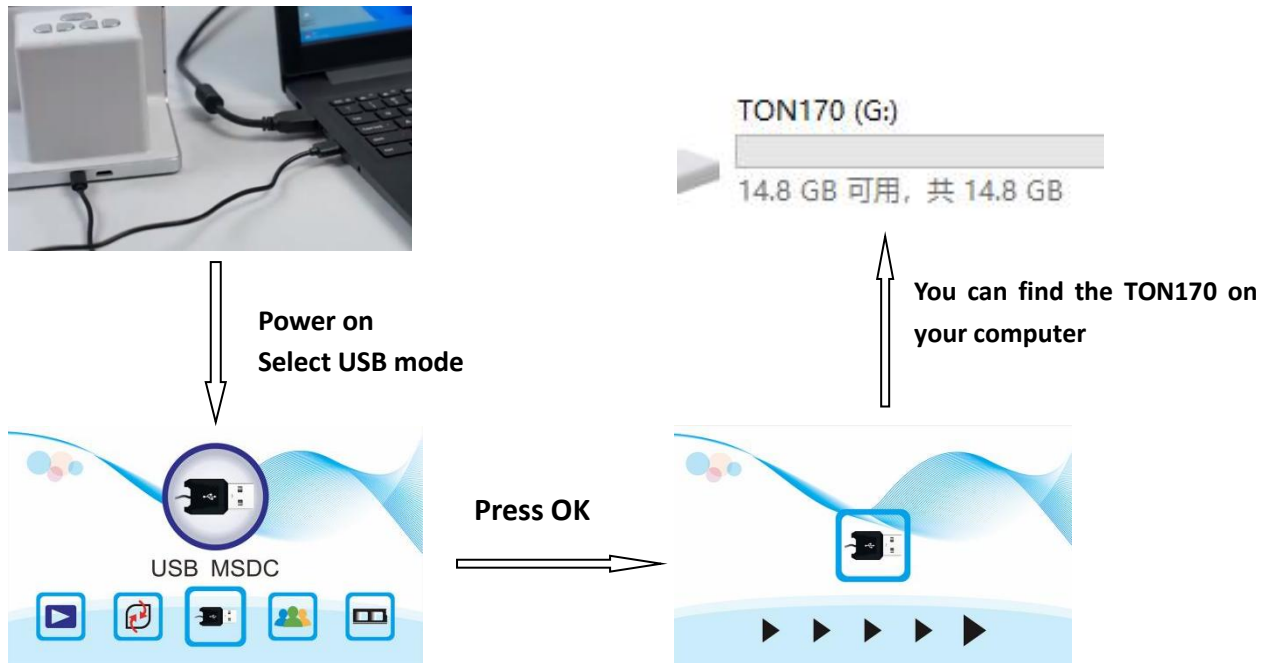


Note: After using this function, all the information in the Scanner memory will be deleted, please choose the format carefully!

(8) Connect to computer

How to copy the stored pictures out Link the machine with the Type-C port and the USB port to the USB of the computer, and then turn on the machine afterward.

Under main menu mode, press “<” “>”, until , press “OK”. After successful connecting to computer, you can view and edit capture picture. After that, you can find the machine's memory on my computer, open it directly, and copy all the pictures out of it.



(9) How to adjust EV and RGB

Brightness EV and Color Difference RGB are automatically preset, so they generally do not need to be adjusted.

If you don't feel right and need to adjust, press the OK button and the EV-RGB adjustment screen will appear. Adjust the preview to your appropriate color difference and brightness.

EV: darker to the left and brighter to the right, press OK when appropriate.

R : red, left is heavy, right is light, press OK when appropriate.

G : green, left is heavy, right is light, press OK when appropriate.

B : blue, left is heavy, right is light, press OK when appropriate.



(10) How to link HD to TV or monitor

Plug the mini HD connector of our HD cable into the machine, and then plug the HD connector of the other end into the HD input connector of the monitor or TV.

After the scanner is powered on, the scanner's screen can be synchronized to the TV or monitor,

Note: That USB cannot be displayed directly to a TV.

HD cannot be output directly to a computer either

When 22 Megapixel scanning is selected, the preview resolution on the TV screen will reduce to due to the transfer rate. The resolution of the scanned images save in the scanner will remain at 22 megapixels with no reduction

8. Declaration

Please note products specification is subject to improvement. Any changes of products will not make additional spec

