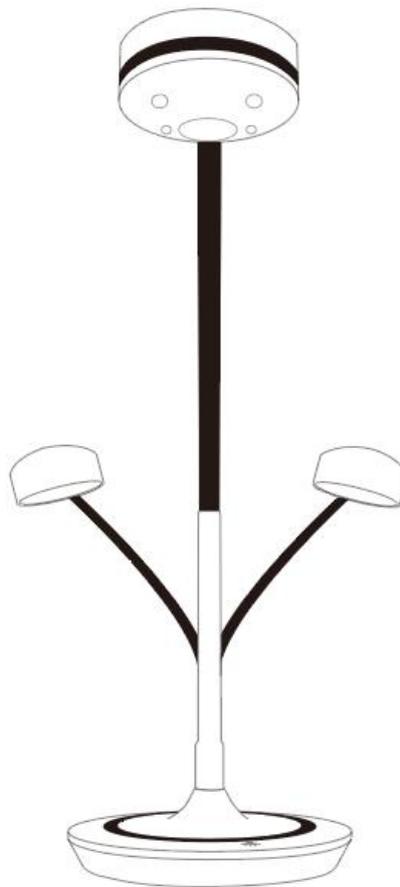


Portable scanner GK-S6

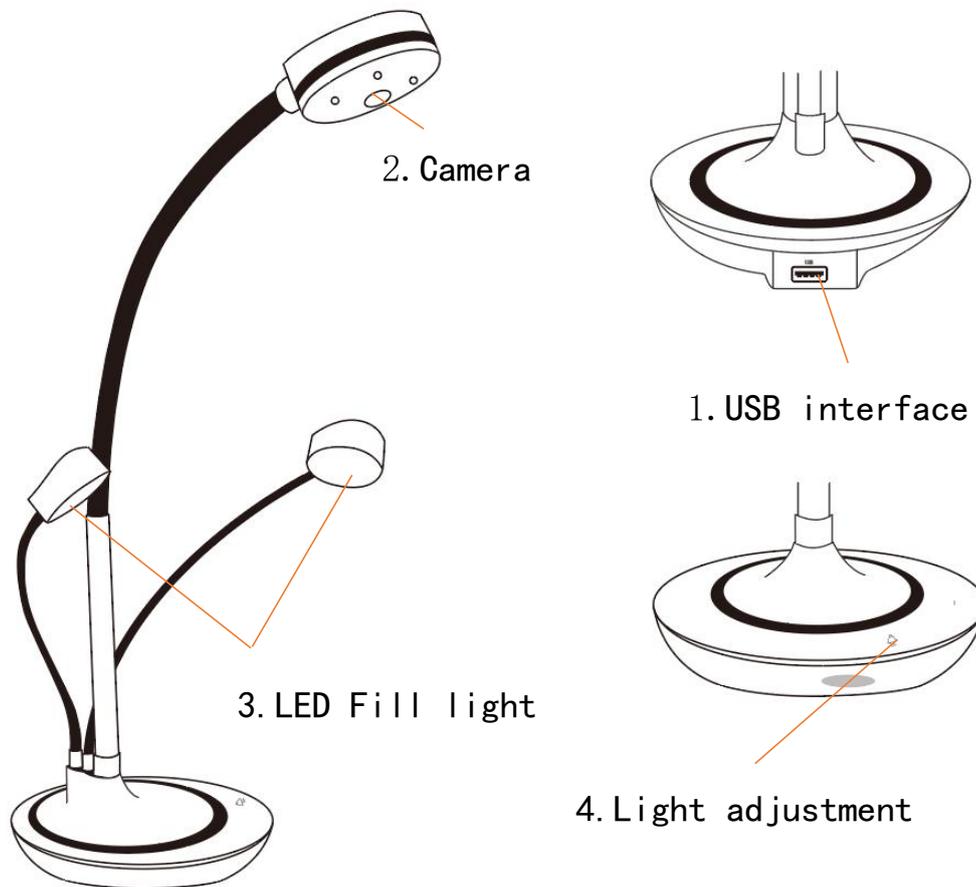
User 's manual



Please read this manual carefully and keep it safe.

Hangzhou Gaoke Industry & Trade Co., Ltd.

1: Product Structure



1. USB interface: USB connection with the PC host, through the booth software to get the picture captured by the camera.
2. Camera: It is used to obtain the picture. Please point the camera at the object to be photographed.
3. LED Fill light: It is used to fill light. When the light is insufficient, turn on the fill light lamp to increase the brightness of the environment.
4. Light adjustment: Touch this position to realize the machine fill light on, brightness adjustment and off.

2: Parameters

Model	GK-S6	Shooting area	A3 (Max)
Total pixel	13 Mega	Connection way	USB
Lens	120° Wide-angle lens		

3: Packing list

Document camera	1	Position Pad	1
Instructions	1	Warranty Card	1
USB Cable	1	USB Disk	1

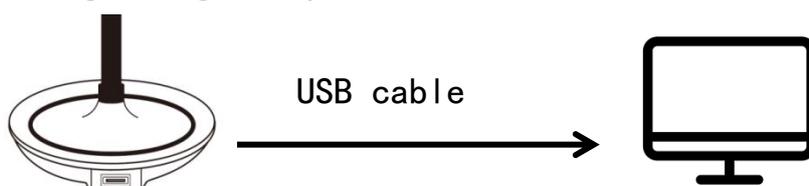
4: How to use?

1. Download our software at the following URL and choose “Visualizer:” <https://www.hzgaokegroup.com/pages/software.html> Or open the software in the USB disk directly, and turn to step 2.

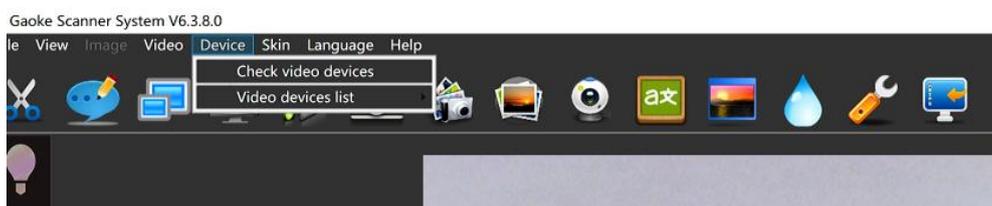
2. Install Software: Double-click the following icon and Follow the prompts to install. Or install it according to the "software Instruction Manual.pdf" in the USB disk.



3. Use the USB cable to connect the computer to the document camera. The LED light lights up to indicate a successful connection.

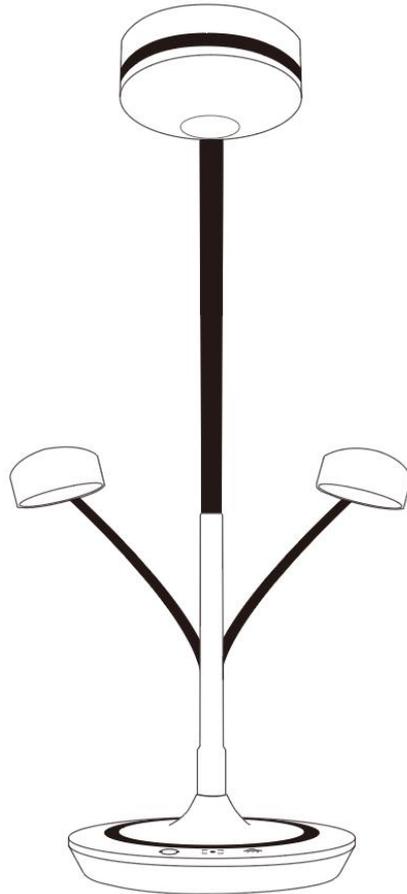


4. Open the installed software. If your laptop has a camera, the software may first recognize the computer's camera. Just click “Devise-Video devices list” and choose USB camera, then it will work as below.



Portable scanner GK-S6+

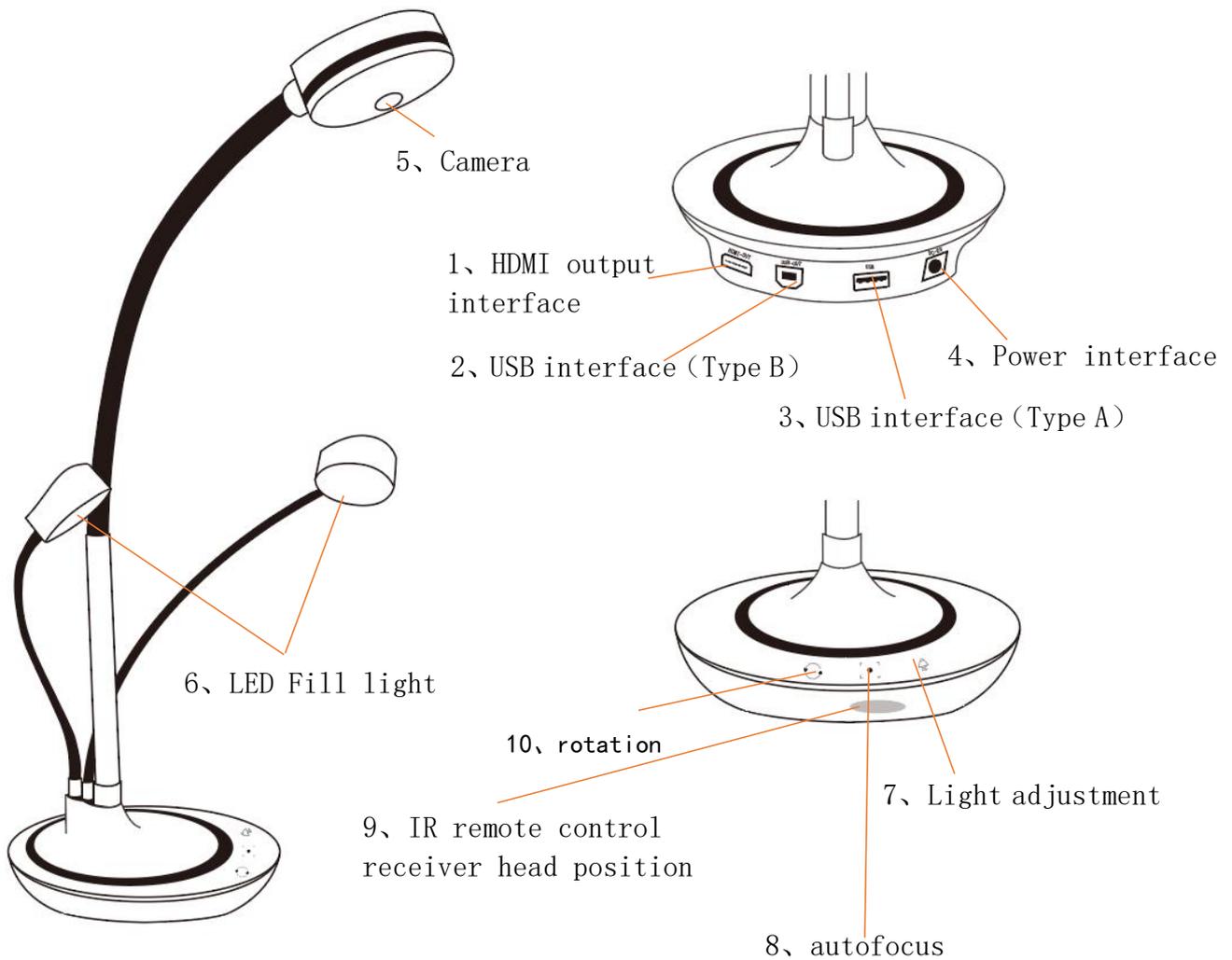
User 's manual



Please read this manual carefully and keep it safe.

Hangzhou Gaoke Industry & Trade Co., Ltd.

1. Introduction



1. HDMI output interface: Output images captured by the camera and connect to the HDMI port of the display device.

2. USB interface (Type B): Used to connect USB device of computer (time-sharing with HDMI output image).

3. USB interface (Type A): Used to connect wireless mouse, USB flash drive and other devices. (This interface is only functional when Type B USB is connected to a PC host.).

4. Power interface: The power input interface is used to connect the power

adapter in the accessories. (Use a power adapter when connecting the monitor using HDMI alone; When the USB is connected to the computer, the USB can provide power synchronously, no power adapter is used).

5. Camera: It is used to obtain the picture. Please point the camera at the object to be photographed when using it.
6. LED Fill light: It is used to fill light. When the light is insufficient, turn on the fill light lamp to increase the brightness of the environment.
7. Light adjustment: Touch this position to enable, adjust and close the fill light.
8. Autofocus: Touch this position to achieve a focus.
9. IR remote control receiver head position: When using the infrared remote control in the accessories, please aim at this position.
10. Rotation: Rotate the image.

2. Parameters

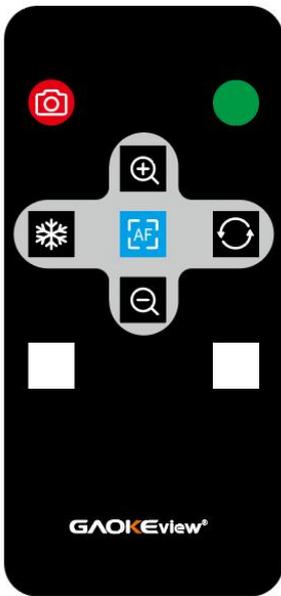
Model	GK-S6+	Shooting area	A3(Max)
Lens	120° Wide-angle lens	Total pixel	13 Mega
Interface	USB (Type A) 、 USB (Type B) HDMI 、 Power interface		

3. Packing list

Document camera	1	USB Disk	1
Instructions	1	Remote control	1
USB Cable	1	5V power adapter	1
Warranty Card	1		

4. Remote control

Button and Remote Control Function List



	Item	function
1	Take pictures	Standby function
2	enlarge	Optical amplification (X2)
3	shrink	Optical reduction (X2)
4	freeze	Can make the physical picture to be demonstrated still, so as to observe, press again, release the freeze
5	rotation	Rotate the image
6	focus	When the physical image is not clear, press the key can be adjusted automatically

No. 2 The

operation of the main business process

1.1 The requirements of system on hardware and software

The Following is the requirements of system running on hardware and software:

1、 Requirements of the hardware

- CPU: dual-core, 4 threads, main frequently more than 2.10 GHz.
- Storage: Capacity is at least 2GB, 4G is recommended.
- Hard disk: More than 10 GB remaining space.
- Display pixel: At least 1024*768 Pixels.
- USB Interface: USB2.0 or USB3.0.

2、 Requirements of the software

- Windows XP or more advanced system of Microsoft;
- Microsoft Office;
- PDF reader;
- Video player;

1.2 The installation and uninstall of the System

Video booth HD image scanning management System software Scanner System can be installed on Windows 10, Windows 8.1, Windows 8, Windows 7 and Windows XP operating systems, for Windows XP system, must be preinstalled SP3. (Windows 7 or above is recommended.)

Copy the system installation package to a folder on your computer's system hard disk, click the "Setup@Soft Scanner" folder, and then click

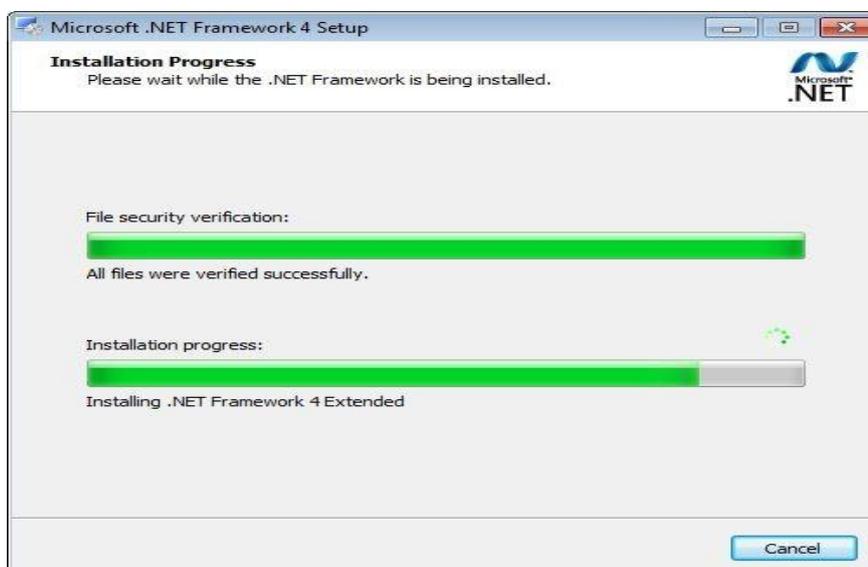
the setup.exe file to start the system program installation process.

1.2.1 Install “.NET” software package

When you install the software for the first time, the system will automatically prompt to install “.NET” software package if the Windows system have never installed “Microsoft .NET Framework 4 Client Profile (x86 and x64)”. It will appear the install dialog, as shown in picture:



Click "Accept" to start installation process of “.NET” software package, as shown in picture:

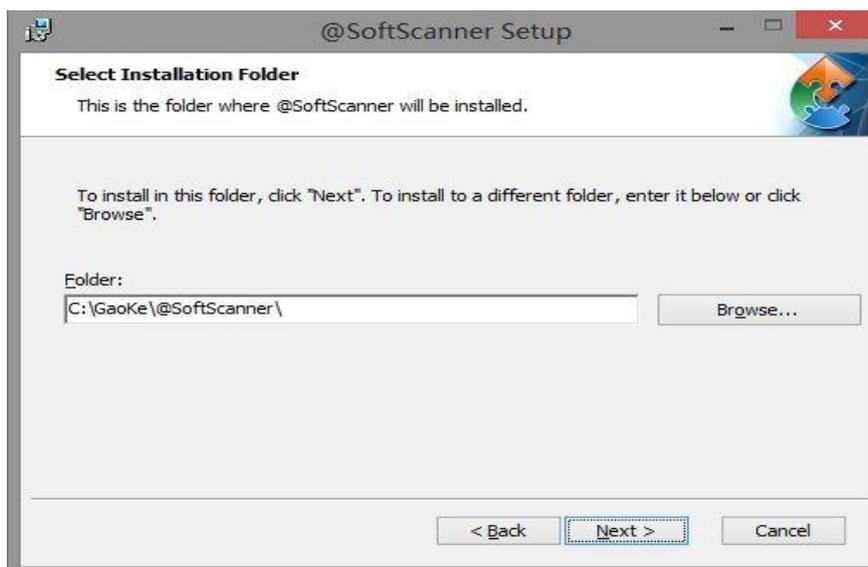


1.2.2 Install the application program

After finished the installation of “.NET” software package, it will appear the starting window of application program installation, as shown in picture:

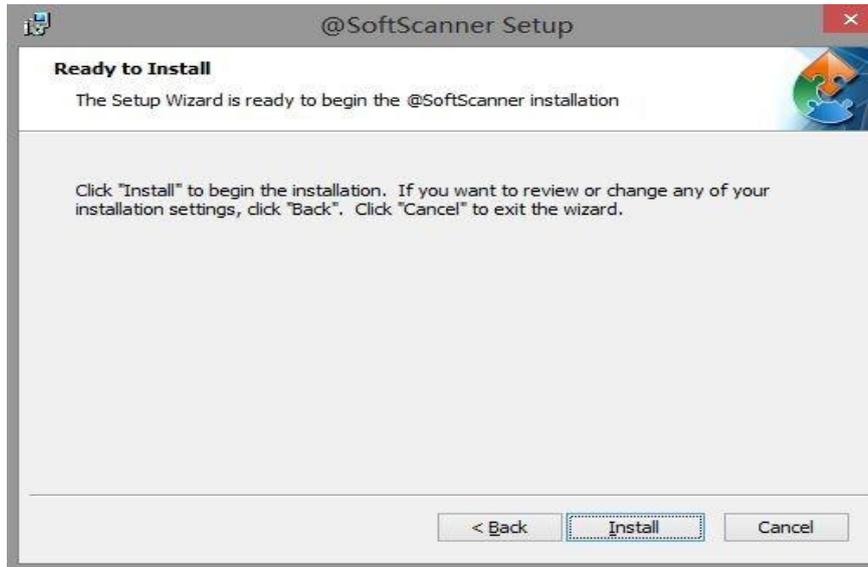


Click "Next", it will appear the dialog “choose the file of installation”, user can set the target file of installation program, as shown in picture:

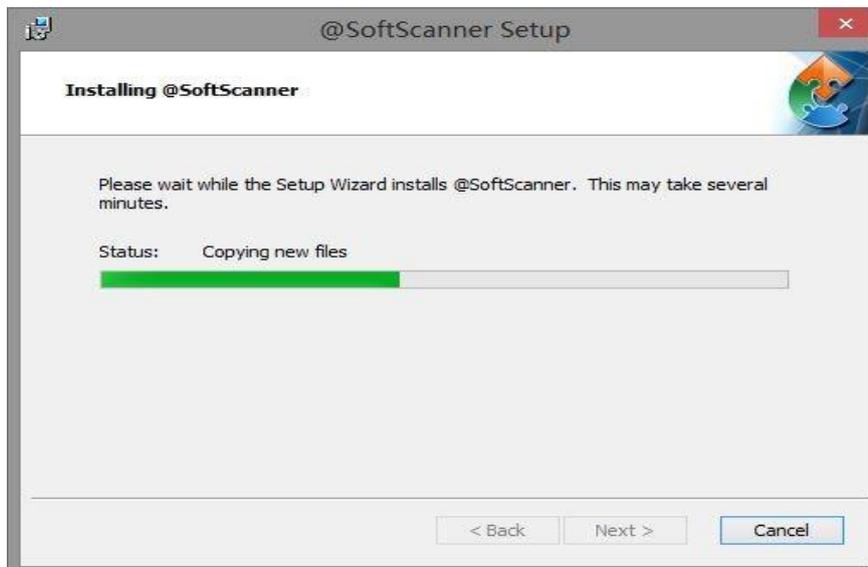


Then click “Next” , it will appears dialog of installation

preparation as shown in picture:



Then click "Install", it will appears dialog of "process of installation" as shown in picture:



After finished installation, then it will appears dialog "Installed successful" as shown in picture:



Click “Finish” , and complete the process of whole installation.

After finish the installation, you will see new program group “@Soft Scanner” in “All Programs” on Windows system menu “Start”, it contains “@Soft Scanner” and “Uninstall” . Among them, “@Soft Scanner” is the program of starting and “Uninstall” is the program of uninstalling.

1.2.3 Uninstall of the application program

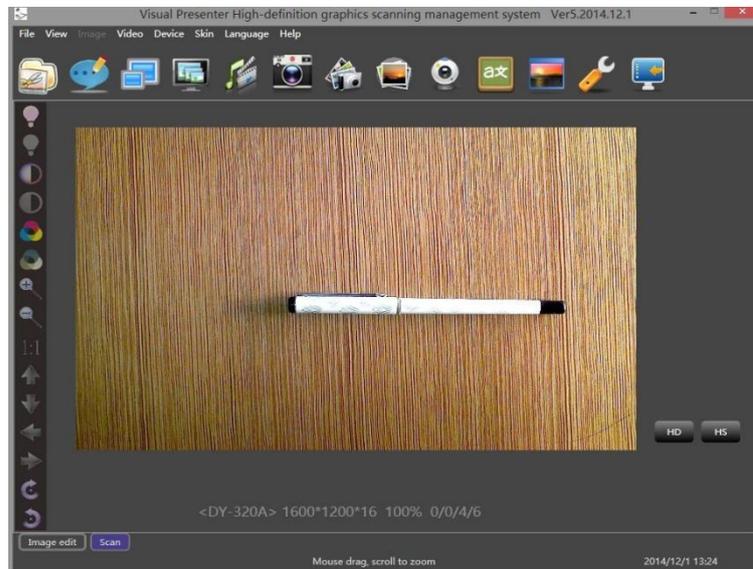
If you need to uninstall the program, you can click on “Uninstall” in “@Soft Scanner” in “All programs” in the Windows system menu “Start”, and according to the prompts to uninstall the program.

When you install a new version of this software, you need to uninstall the old version at first in accordance with the above method.

1.3 Running of system

When the system installation have been completed, Just click “@Soft Scanner” in “All Programs” in the Windows system menu “Start” to start the running of the program.

When the program is running, you will firstly see the startup screen, and then it will appear the main window after initialization, as shown in picture:



No.2 The operation of the main business process

2.1 Setting the System

1、Choose the language

click on “Languages “ in the main menu items of the main window, it will appear sub menu of the drop-down , according to your needs, you can click the mouse to select the desired type of language.

The system supports “Auto” , “ Simplified Chinese ” , ” English” , “German” , “Traditional Chinese” etc. Among them, if you choose "Auto", the software will automatically adapt to the language of the Windows system.

2.2 Graphic scanning

When the system starts, the main widow appears; it is defaulted to

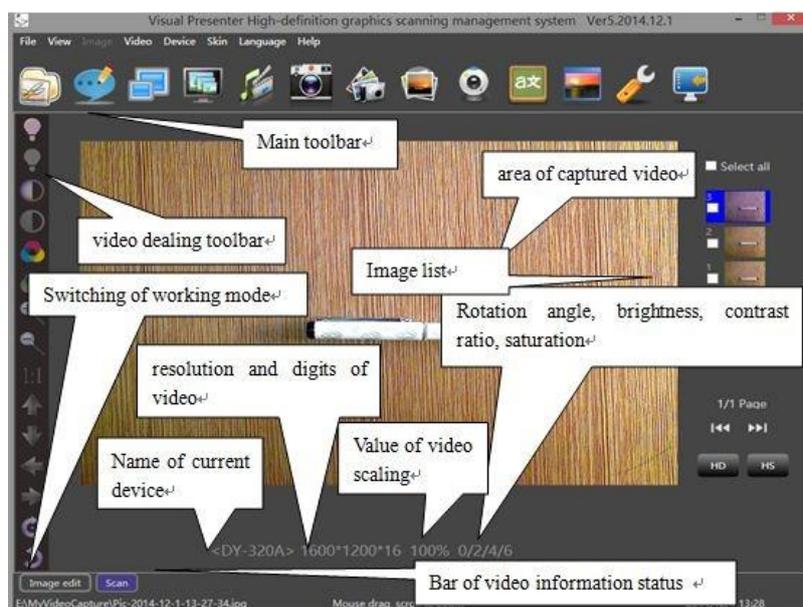
work on the graphic scanning model.

Click main menu “View” or “working model” to change the working model, such as:

- Page of “Image edit” : corresponded to the model of dealing pictures;

- Page of “Scan” : corresponded to the model of graphic scanning;

As shown in picture:



On the model of graphic scanning, the system can collect the video information and grasp static pictures through USB connectors and hardware equipment of the visual presenter. The collected video shows in the middle of window. The video dealing toolbar is on the left of the window, bar of video information status is under the area of captured video. When mouse cursor stays on a specific button of video dealing toolbar, the system will prompt the function of the button.

1、Choose the devices and resolution of the video

(1) Switch video equipment

Click main menu item “Device” , then click certain device name to choose the device which you wanted on menu item “Video device list” , then

the systems switched to right video device, then the selected video equipment will be current working device.

If No Video device is displayed in the video information status bar, the video device is not installed in the system. In this case, exit the program, install the video device, and then start the program. Click the main course item "Device" and select the menu item "Detect video device". The software system will rescan the video device in the computer system and refresh the menu item in the video device list.

(2) Setting video resolution ratio

Click and select main menu item "Resolutions", then resolution ratio dialog box of current working video equipment will show up. After choosing required resolution ratio and click "Ok" key, video will be switched automatically to right resolution ratio of current working device by system.

2、 Video dealing

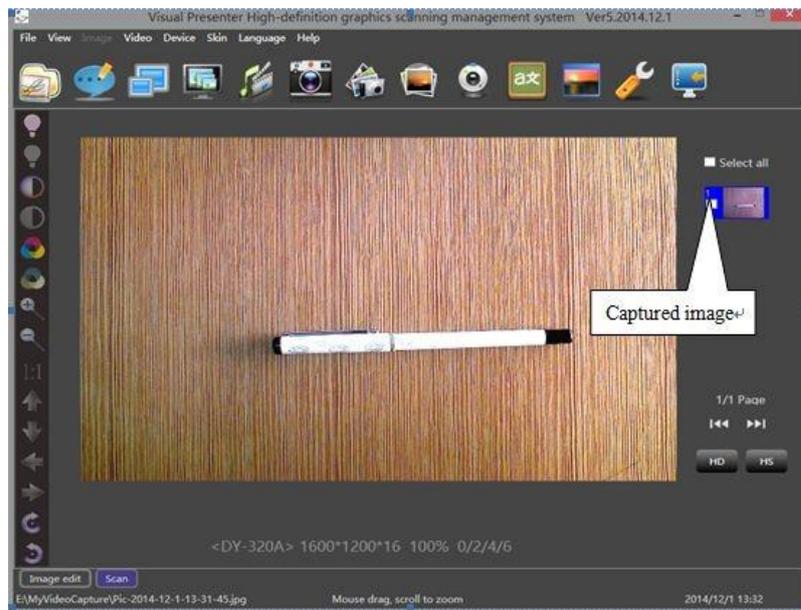
Click the functional button of video dealing tool bar on the left of the main window to deal with the video.

- 1、 Adjust the brightness, contrast and saturation of the video
 - 2、 The Zoom of the video' s size (Range10%–1000%) and restore
 - 3、 Move the video on horizontal and vertical direction
 - 4、 Rotate the video clockwise and counterclockwise
- 3、 Take photos, comment and managing image library

(1) 、 Take photos

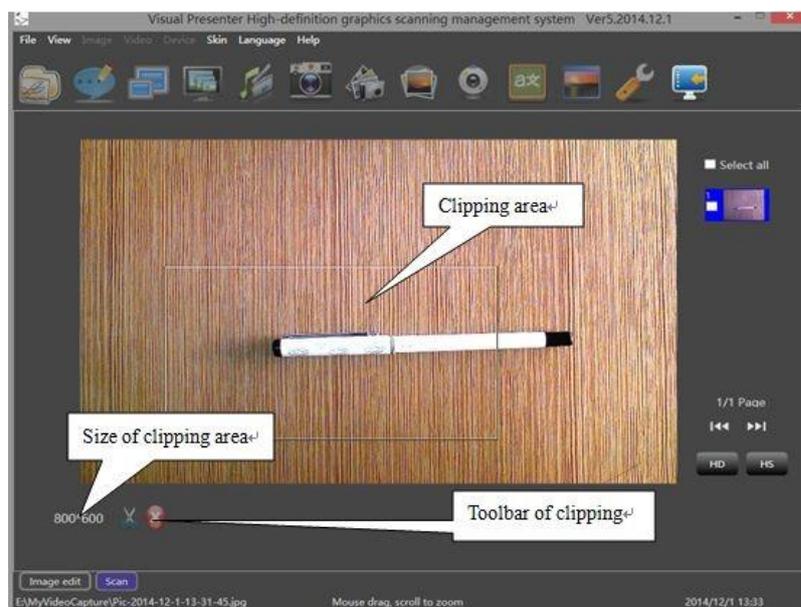
Click main menu list "Video" , drop down list menu "Take photos" or click main tooling bar "Take photos" , the system will immediately capture the video and generate a picture, it is showed on the right of

the window, as shown in picture:



(2) 、 Take photos on the clipping video

Click main menu “Video” , drop down menu “clipping” , the video display area will appear the clipping area, at the same time, it will also appear the clipping tool bar below the video, it will show the size of current clipping area and the button of “Clipping and Save” and “Cancel Clipping ”, as shown in picture:



It is better to adjust appropriate position and size of the clipping area before clipping. Put the mouse on the edge of the area, click the

left button of the mouse and drag it according to the direction of arrowhead, then the size of clipping area will change; And when you move the cursor into clipping area and hold left button of mouse then the clipping area can be moved as the mouse.

After finish adjustment of position and size of the area, clicking the key " Clipping and Save " to finish the clipping and take pictures, the captured picture will be showed on Image list which on right side of screen.

And image browsing dialog box pop up, please refer to following partly content of "operation of single image" .

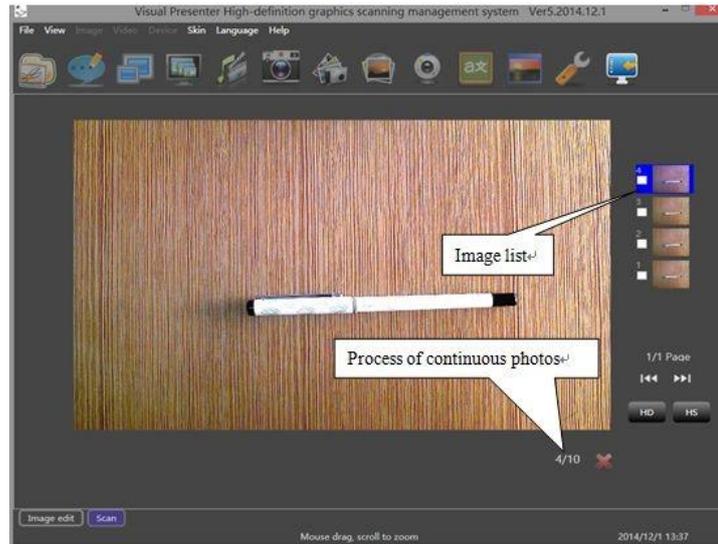
Click the button of "Cancel clipping" then gives up the operation of the clipping.

(3) 、 Take continuous photos

Mouse click on the main menu"video", then choose drop down menu "continuous shooting" or main toolbar "continuous shooting" , then system will enter continuous shooting mode, and dialog box of continuous shooting settings will be showed up, user can set continuous photos and spacing interval time. Once finished setting just click "OK" to begin taking continuous photos.

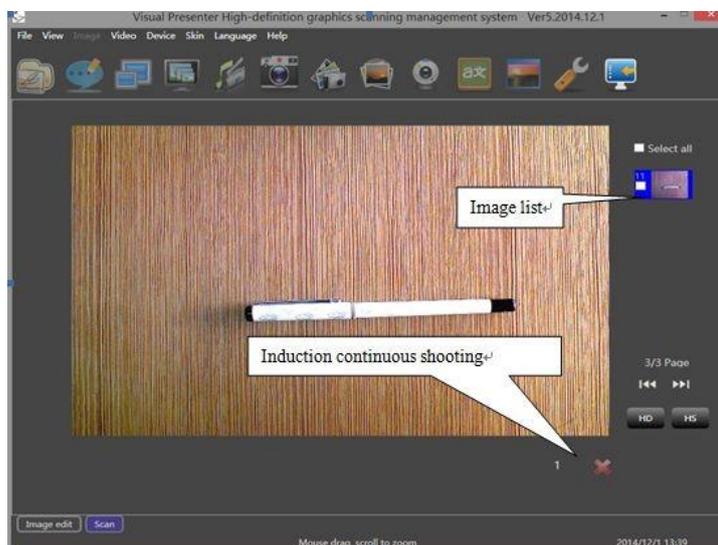
During the process of taking continuous photos, schedule information and "stop" button will be showed up in the bottom of video area, and the user can click "stop" button to stop taking continuous photos progress.

Taken images will show up on the image list which on the right of the window, as shown in picture :



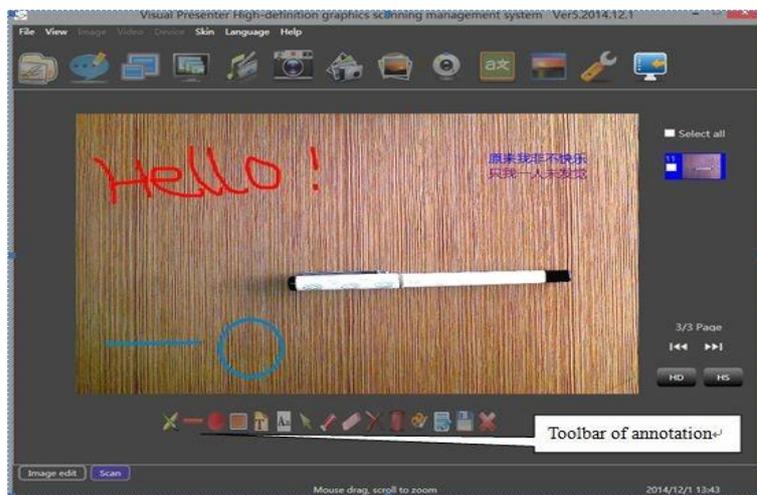
(4) 、 Induction continuous shooting

Mouse click on the main menu "video", then click drop down menu "Induction continuous shooting" or main toolbar "Induction continuous shooting" button to enter induction continuous shooting mode, as shown in picture. If video capture image changes, the system will automatically take photos. During the process of induction continuous photos, process information and "stop" button (Red Cross button) will be showed up in the bottom of video area, and the user can click "stop" button to stop the process of induction continuous photos, the picture taken is displayed in the list of images on the right side of the form.



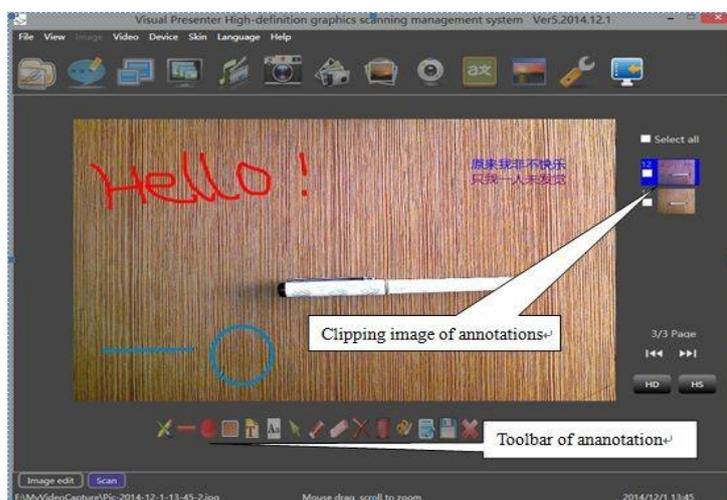
(5) 、 Video annotation

Mouse click on the main menu "video", then select and click drop down menu "annotate" or main toolbar "annotate" button to enter into comment condition, as shown in picture:



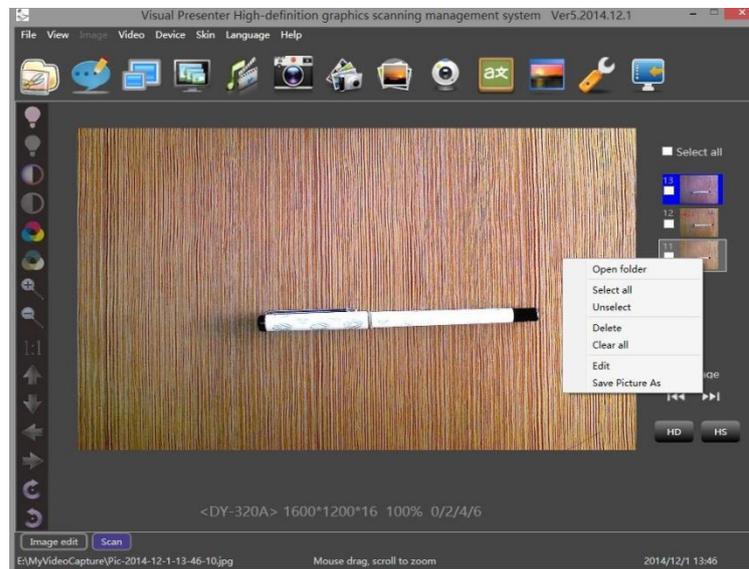
Annotation toolbar is below video collecting area. The annotation modes are: dynamic annotation and static annotation. Under Annotation mode, can annotate a dynamic video (including liberal line, line, circle, text etc.), and it support setting width and color of comment pen, and clean up freely. After finished annotations, the annotations content scan be captured with Video and save as image format.

Taken image will show up on the image list which is on the right of window. As shown in picture:



(6) 、 Images list

Right click a image on the image list, then will pop-up menu list, as shown in picture :



1、 Select “open folder” on the menu, can open the Windows system resource manager and the folder of image list automatically. It supports to create, delete, renamed files, create multiple folders, and drag the image directly to change the folder of images.

2、 Select “Select all” menu item or the "Select all" button above the list of images, select all the images in image list;

3、 Select “Unselect” menu item, deselect all selected images on the image list;

4、 Select “Delete ” menu item, delete all selected images in image list;

5、 Select “Edit” menu item, copy multi-images to “favorite” under “image dealing” mode, convenient for image editing and dealing;

6、 Select “Clear all” menu item, delete all images of image list;

7、 Select "Save Picture As" menu item , and the selected picture can be saved to a custom path, and you can choose the format of the picture you want to save. (Such as .jpg、 .bmp、 png、 .if、 .tif、 .tiff)

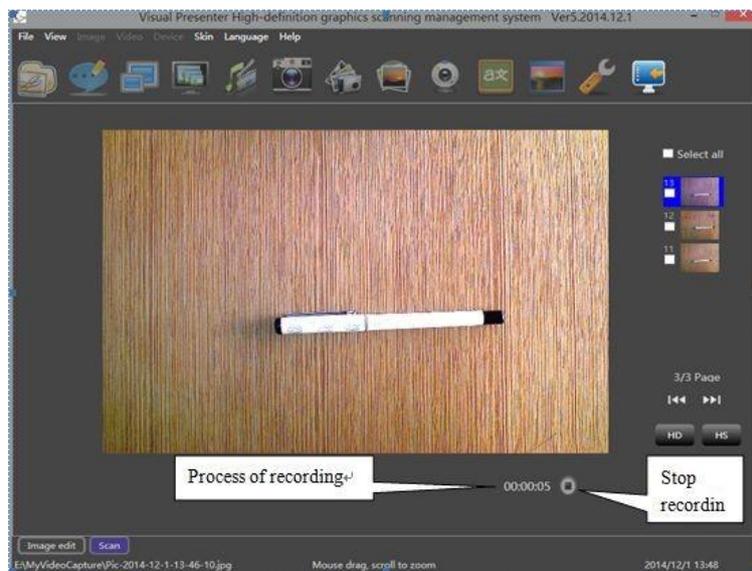
Click the "HD" button under the image list, then the resolution of video will be transferred to the highest.

Click the "HS" button under the image list, then the resolution of video will be transferred to the lowest.

4、 Video recorder

Mouse click on the main menu "video", then select drop down menu "videos" or "video" button on primary toolbar , video settings dialog box appears, you can set the compression encoder and the path of video file

Click "Ok" button to start recording, as shown in picture:

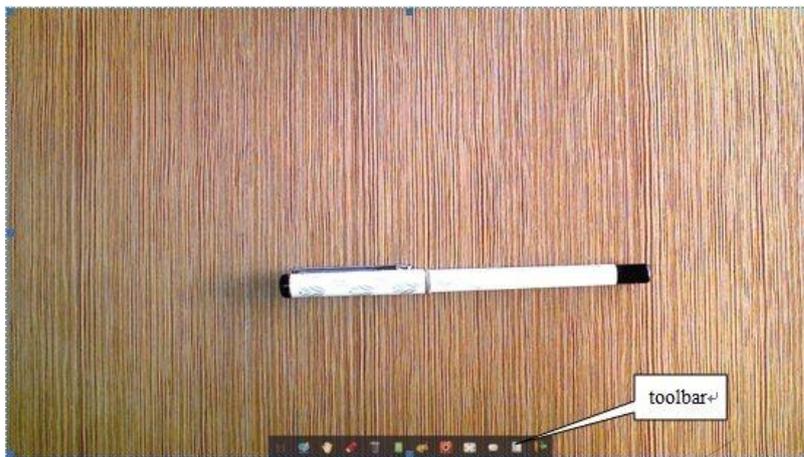


After finished video recording, the system will open the files of recorded video automatically, and start the system preload player to play

it.

5、 Full-screen mode

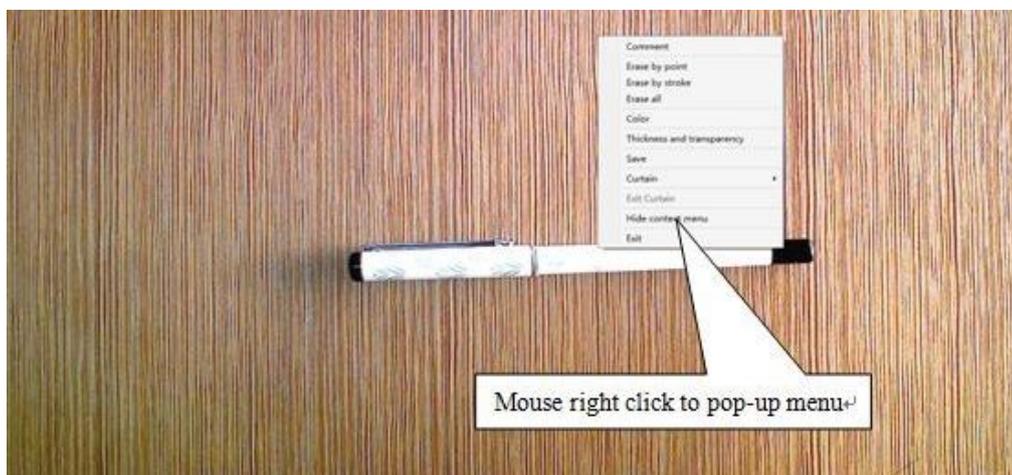
Mouse click “Video” on the main menu, then select “Full screen display” on the drop-down menu or double-click the Video acquisition area to enter Full-screen video mode. As shown in picture:



Under Full-screen mode, supports to do some simple annotations on the video directly.

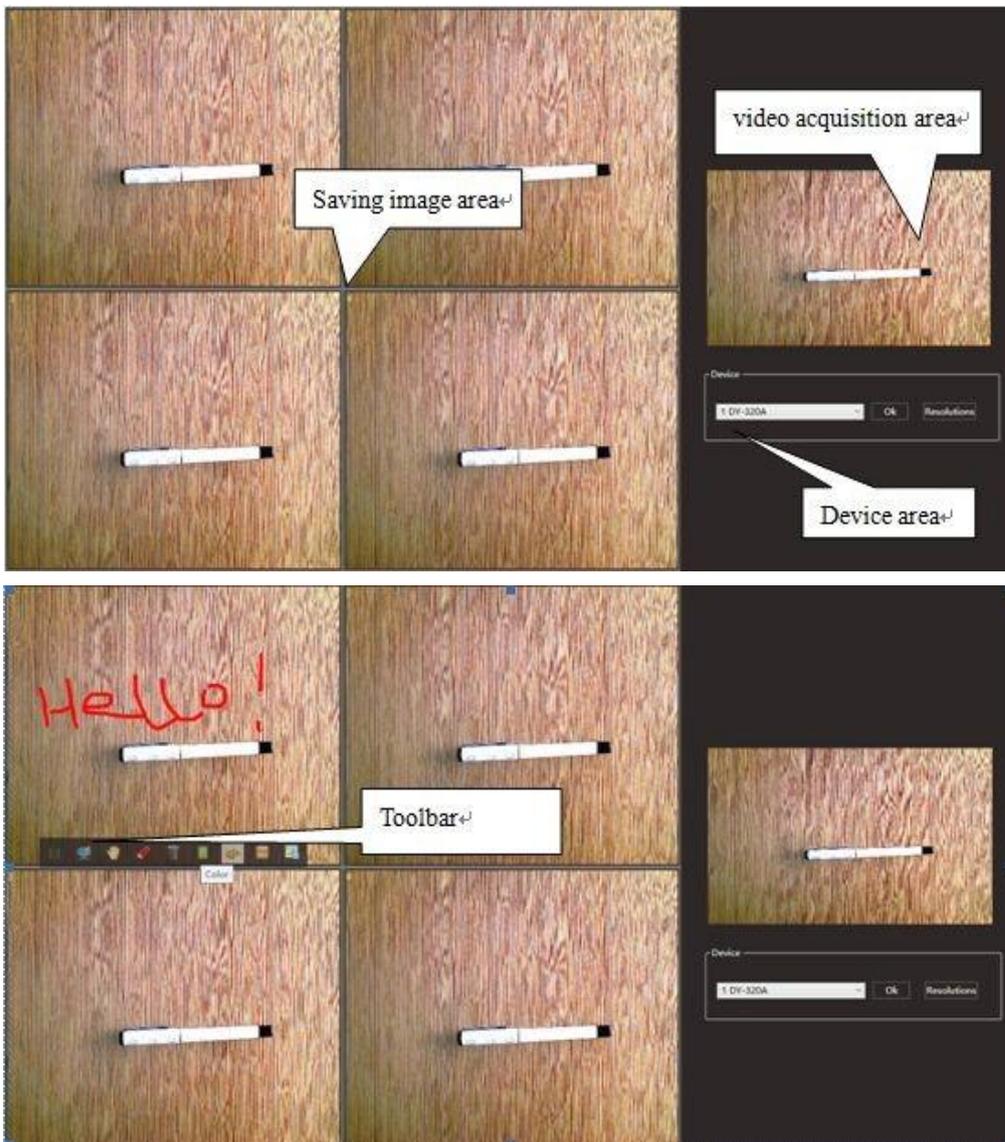
Display the right-click menu, once click it, the toolbar will disappear and the right-click menu will appear. As shown in picture :

Click “Exit” or double-click video acquisition area to exit full-screen mode.



6、 Same-screen contrast

Mouse click "video" on the main menu, then select "same screen contrast" drop down menu or "same screen contrast" button on the main toolbar, enter same-screen contrast mode .In the video acquisition area, only need to double-click the dynamic video to take photos and save it. After taking a picture, the button on the toolbar can simply process the picture taken, as shown in picture:



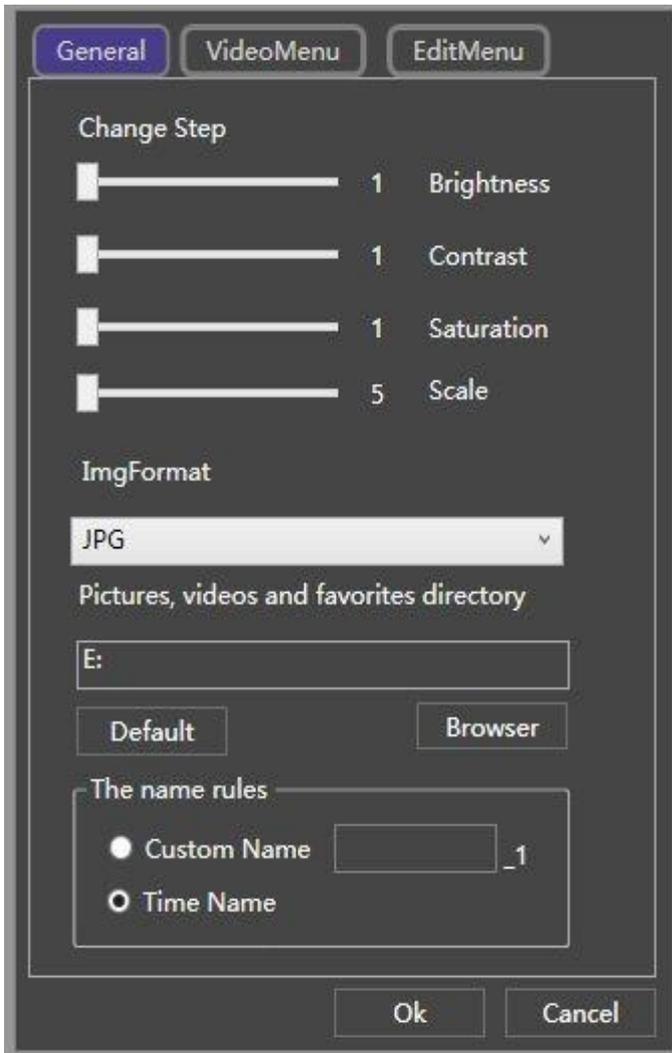
If more than one video device is connected, click to open the

auxiliary camera and select the device you want to open. In the split screen switching area in the lower right corner, you can select different split screen modes (up to 16).

On the area of device, user can switch video device and setting resolution of video.

7、Settings

Mouse click "set" button on the main toolbar, then the settings window will appear as shown in picture:



Click "video menu" button on settings window, depending on different needs, and decide whether to display shortcut buttons on main windows. The options function on the edit menu just same as above.

8、Desktop

Mouse click "Desktop" button on the main toolbar, program window will disappear and pop-up small icon (can be dragged). Once double-click small icon program window will pop-up and small icon will disappear.

9、Freeze

Mouse click "freeze" on the main menu, the drop-down menu "frozen", the video will be frozen, and then click on the "freeze", video will recover.

10、Video Stream Gray

Mouse click "video" on the main menu, the drop-down menu "Video Stream Gray", the video will become black and white tone, click "black and white", the video will be restored to the original state.

11、Attribute

Mouse click "video" on the main menu, the drop-down menu "properties", the property dialog box pops up, by pulling the slider can set the value of the corresponding properties.

12、Screen recording

Mouse click "video" on the main menu, the drop-down menu "screen recording", the screen recording dialog box appears, select the path to

save the recording file, click the start recording button. After recording, click Play button to play.

13、Watermarking

Click the "Watermark" button in the main toolbar, and the watermark dialog box will pop up. Select the required font, type, color, size and transparency, write the text content, check the "use" button, and click "OK" Button at last . When you take a photo again, the photo will have the text watermark that you just set.



GAOKEview®

Product information	Model:	
	Serial number:	
	Manufacturer: Hangzhou Gaoke Industry & Trade Co., Ltd.	
	Manufacturer: GAOKE GmbH	
Customer Information	Name:	Tel:
	Purchase Date:	
Guarantee clause	<p>The whole product is guaranteed for one year, repairs require additional costs if product overs one year warranty. One of the following circumstances, does not belong to the scope of warranty:</p> <ol style="list-style-type: none"> 1. If it is not a GAOKE's product quality problem; 2. The failure or damage due to improper operation; 3. Not repaired at the maintenance point designated by the company; 4. Replacement or product without serial number or warranty card; 5. Disassembling any parts of the product without authorization; 6. Failure or damage caused by natural disasters and other force majeure (such as earthquakes, fires, lightning) 	

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