KP Cam Touchscreen version Software Manual

1. Overview

KP Cam software is the digital software of the oral digital observer produced by Guilin Kevin Peter Technology Co., Ltd. It runs separately on the Android system. The software uses the camera capture system to digitize the intraoral images and provide doctors with high-quality oral images and data.

System function overview

KP Cam is composed of several functional modules. Each module completes a specific function and implements image collection and software settings.

Photography: Capturing intraoral images.

Grid setting: Set the number of split screens displayed on the photo page. The display formats include full screen, two-split screen and four-split screen.

Album: View a list of captured images, arranged in descending order by shooting time.

Contrast: Manually select specified pictures and put them in the comparison box for comparison.

Camera settings: Implement camera-related parameter settings such as camera brightness, contrast, and hue.

Settings: The settings page includes system default display

format, camera resolution settings and Wifi connection.

Check for updates: Check software upgrades and download installation packages.

Language: Implement language switching, support switching between Chinese and English.

About key support instructions：

There are 4 keys on the handle, as shown in the picture below. From top to bottom they are the camera key, + key, M key, and - key. The + key and - key are used to adjust the camera brightness. The M key is Camera light switch; there are 3 keys on the host, from left to right they are the + key, the M key, and the - key. The + key and the - key realize system volume adjustment by default, and the M key realizes volume adjustment and brightness adjustment Switching.

2. Operating environment

System Requirements

CPU：QuadCore-A40i
Memory：1GB

Graphics card：-
Monitor Resolution：1920*1080

Software Environment

Android7.1.1

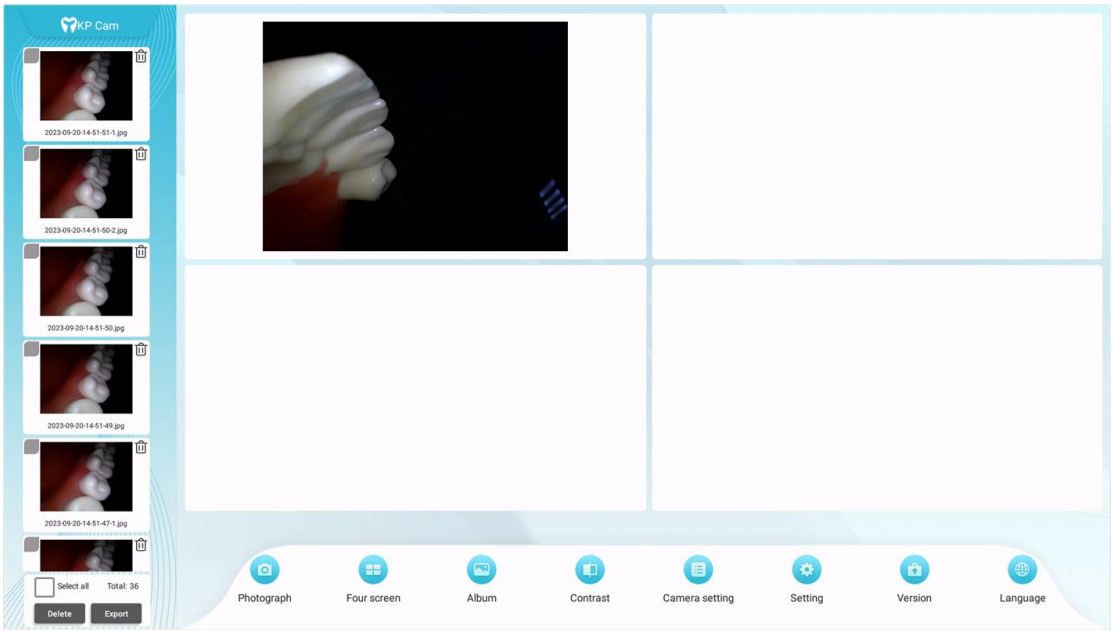
Network Conditions

Stand-alone operation

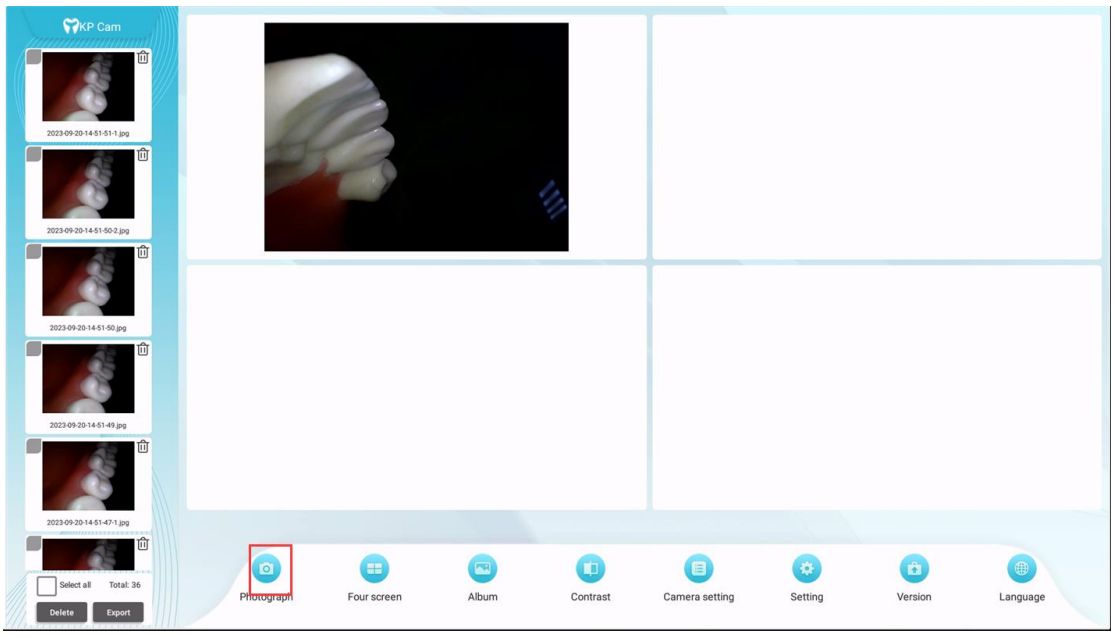
3. Software functions

3.1 Photography

After the software is opened, enter the photo page. The default display of the photo page is four-square grid display. Click the photo key on the handle to take pictures. Under the four-square grid display, the page can display up to the latest 4 images taken. After taking 4 pictures, the page will proceed. Refresh once. After the image is saved successfully, the image list on the left is refreshed once, and the latest image is displayed at the top of the list.



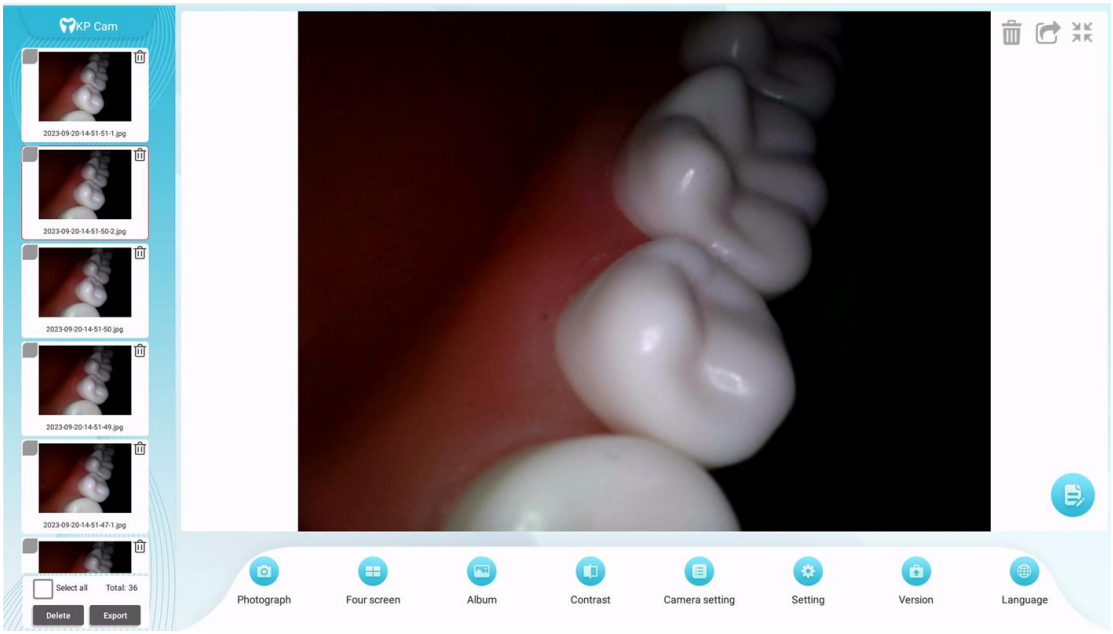
In the horizontal menu bar below, clicking the photo button will also take a photo. As shown below:



3.1.1 Image preview:

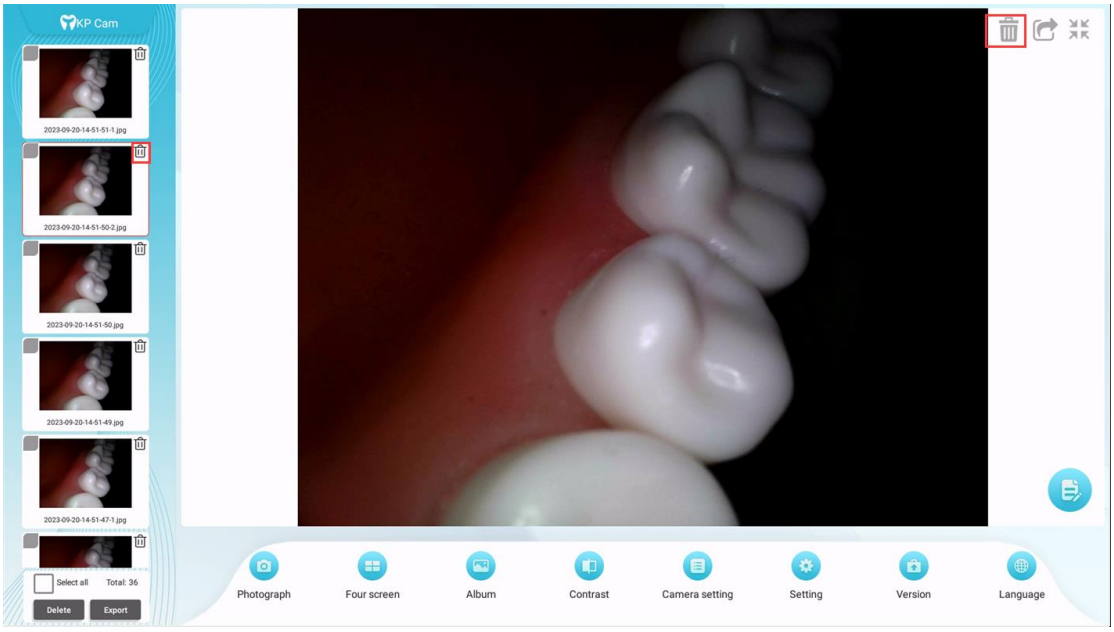
Double-click the image in the list on the left to enter the preview mode. On the preview image, slide two fingers to zoom the image. You can move the enlarged image with one finger. Double-click the image to

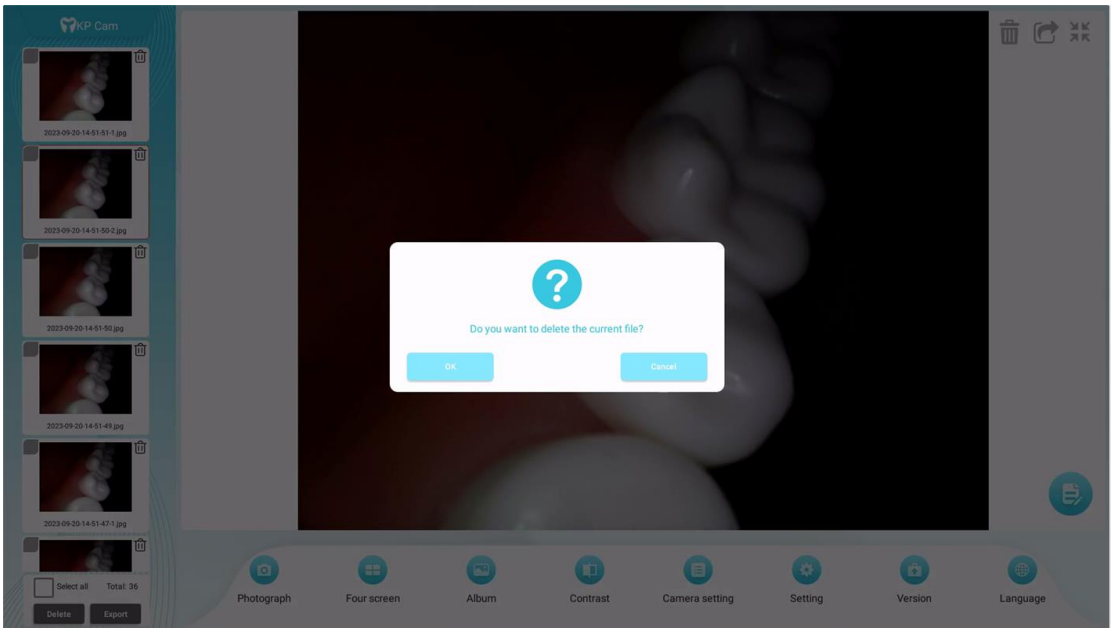
restore the original display size. As shown below:



3.1.2 Picture deletion:

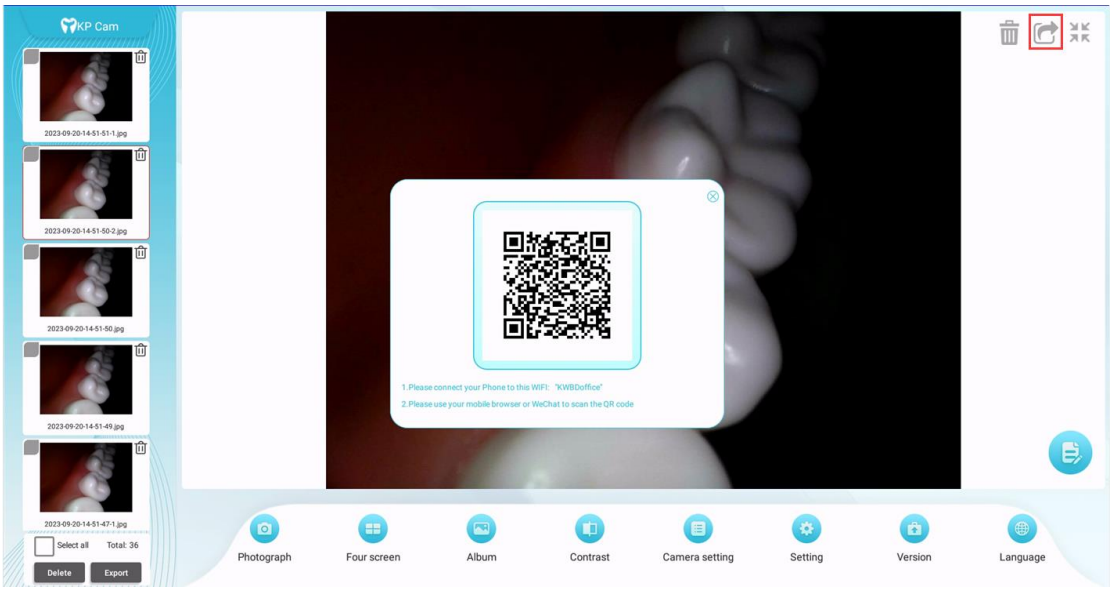
Click the delete button in the upper right corner of the preview image or the delete button in the list on the left to be prompted to delete the current image. Click the confirmation button to confirm deletion of the current file, as shown in the figure:





3.1.3 Picture sharing

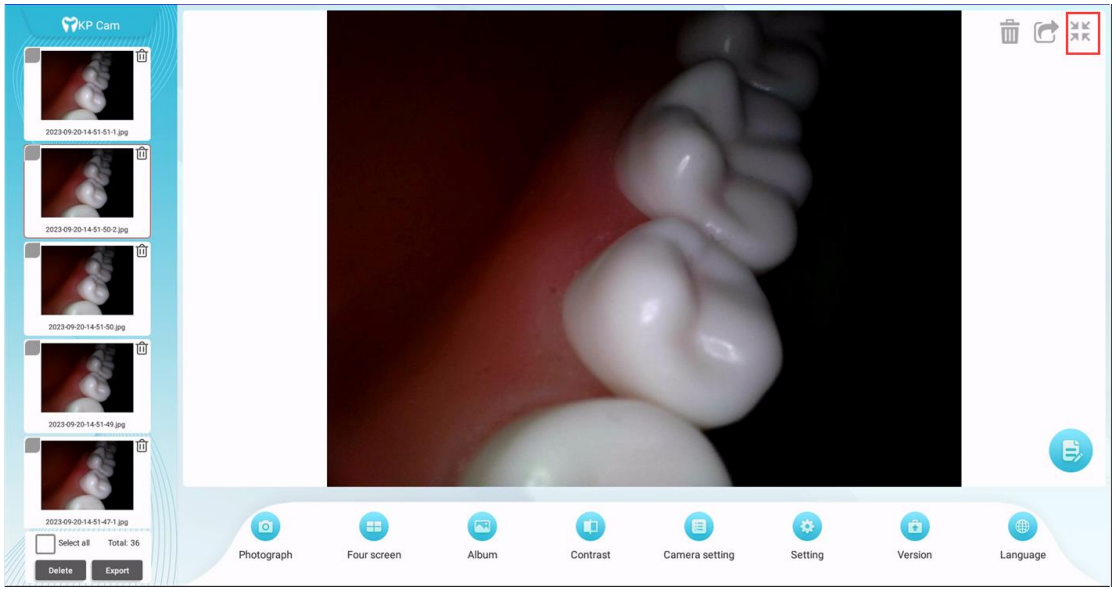
Click the share button in the upper right corner of the preview image. When the host is connected to wifi, the software interface will pop up the image sharing QR code. Use the same LAN as the host. scan the QR code to browse the image. Press and hold. Pictures can be saved to your phone, as shown below:



3.1.4 Close preview

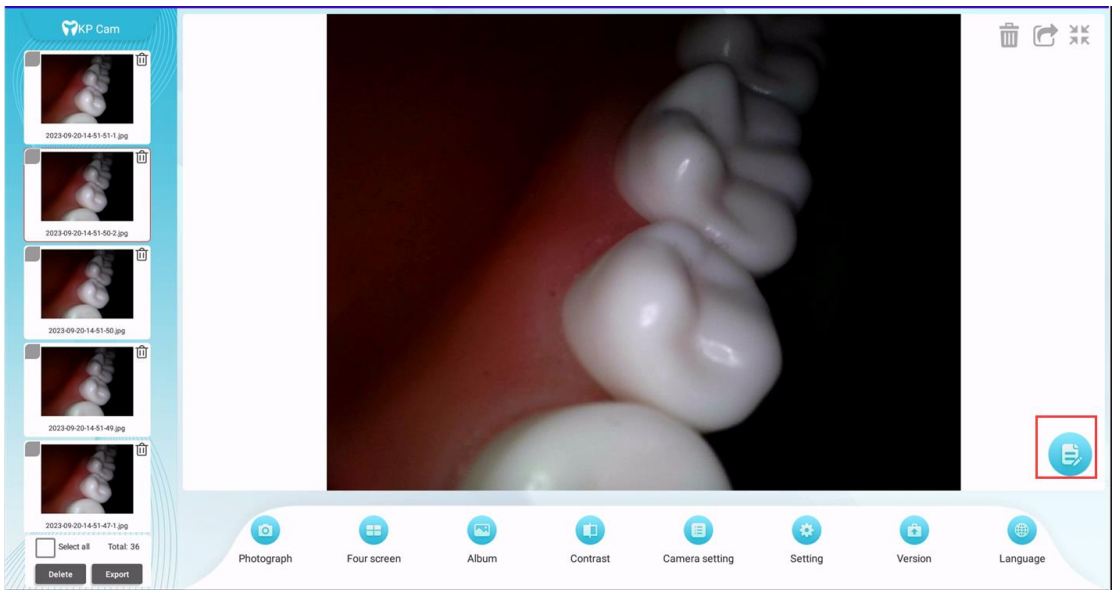
After entering the preview mode, click the zoom out button in the upper right corner of the preview image or double-click the thumbnail in the list on the left

to exit the preview mode, as shown in the figure below:



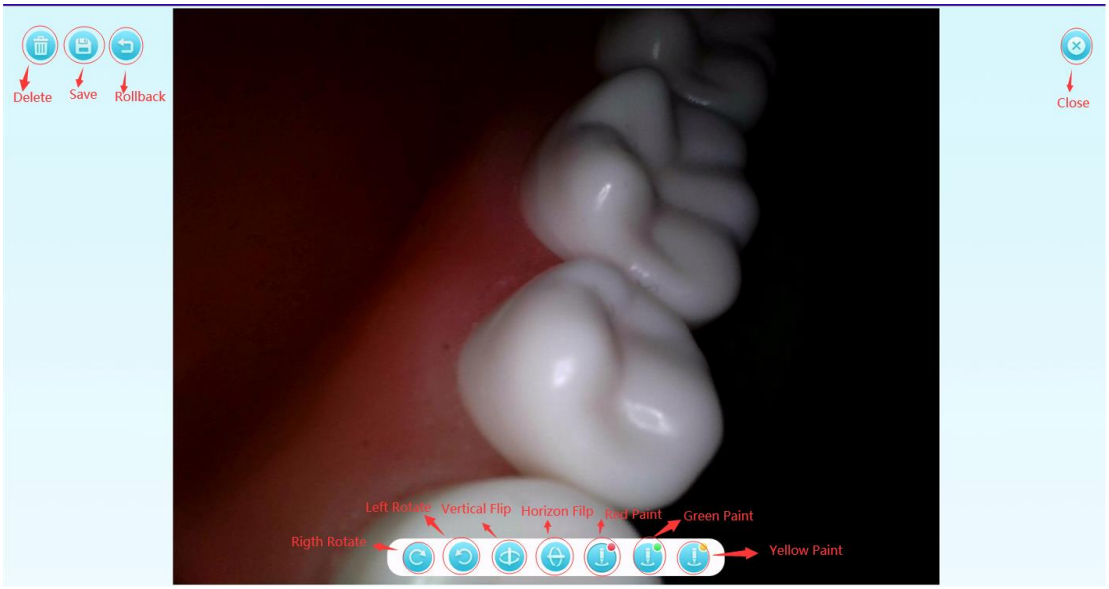
3.1.5 Image Edit

Click the blue image editing button in the lower right corner of the preview fish flavor to enter the image editing page, as shown in the figure below:



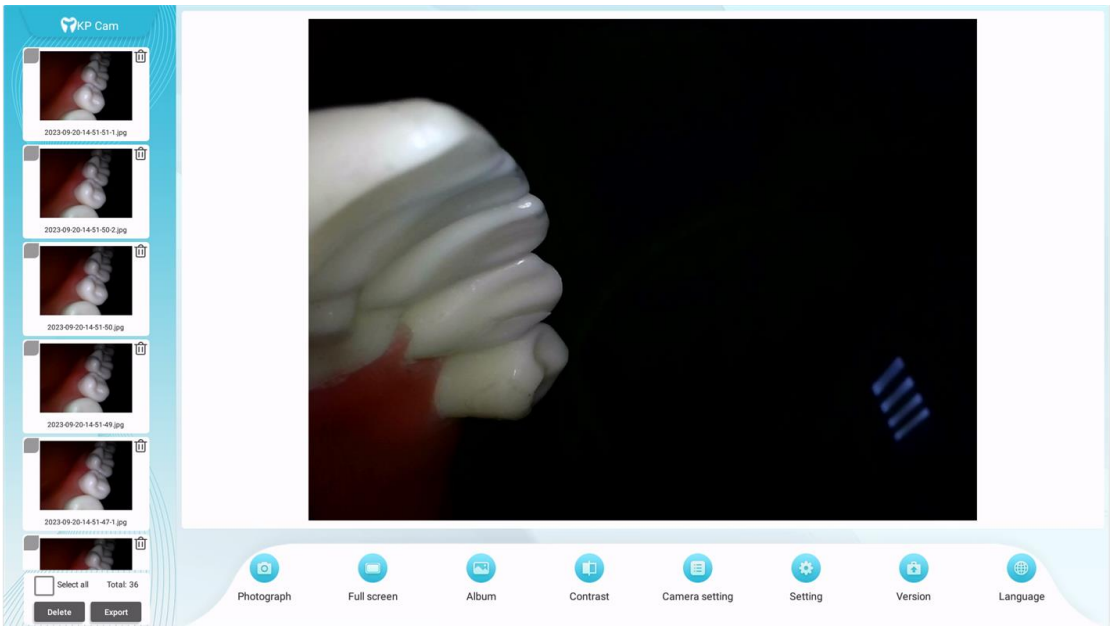
In the preview page, you can use one finger to mark the brush, use two fingers to zoom in and out of the image, and use buttons to rotate and flip the image and switch the brush color. The undo button refers to undoing the annotation

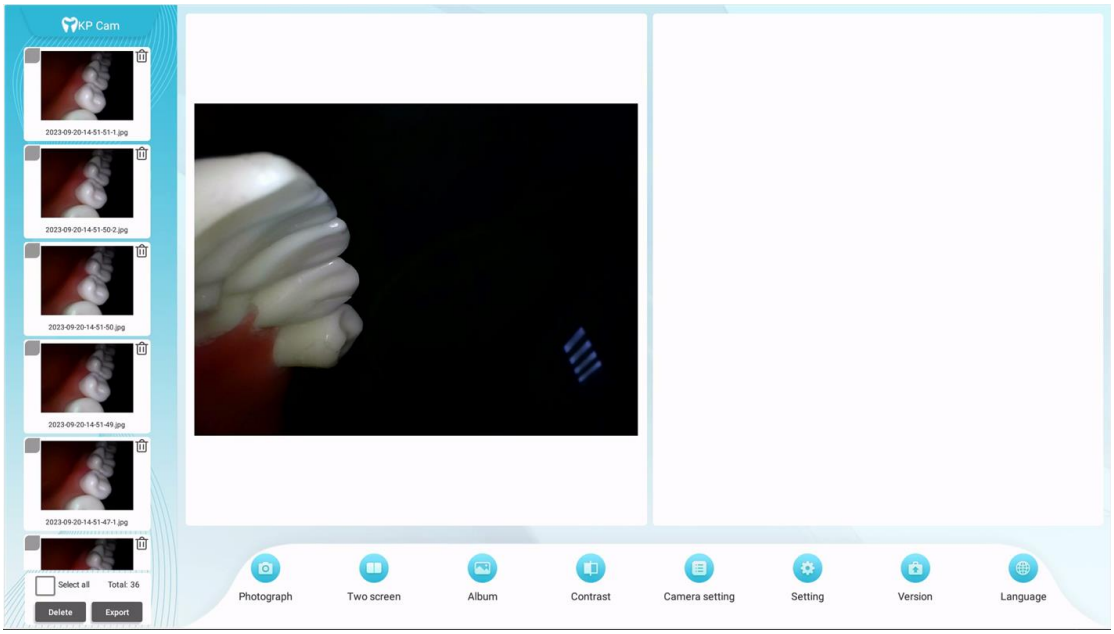
drawn by the brush, one drawing at a time. As shown below:

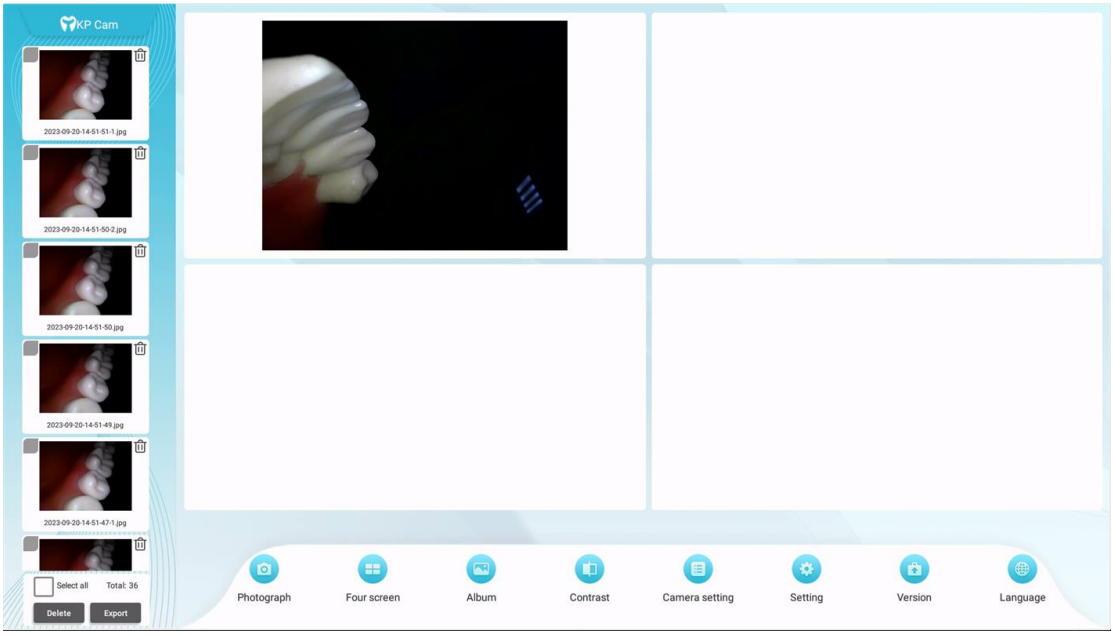


Display format switching

Click the split screen button in the menu bar to switch between split screens. The default display is four-split screen, which can be switched to full screen and two-split screen. After switching, the icons and text will be corresponding to the split screen and change together as shown in the figure below:

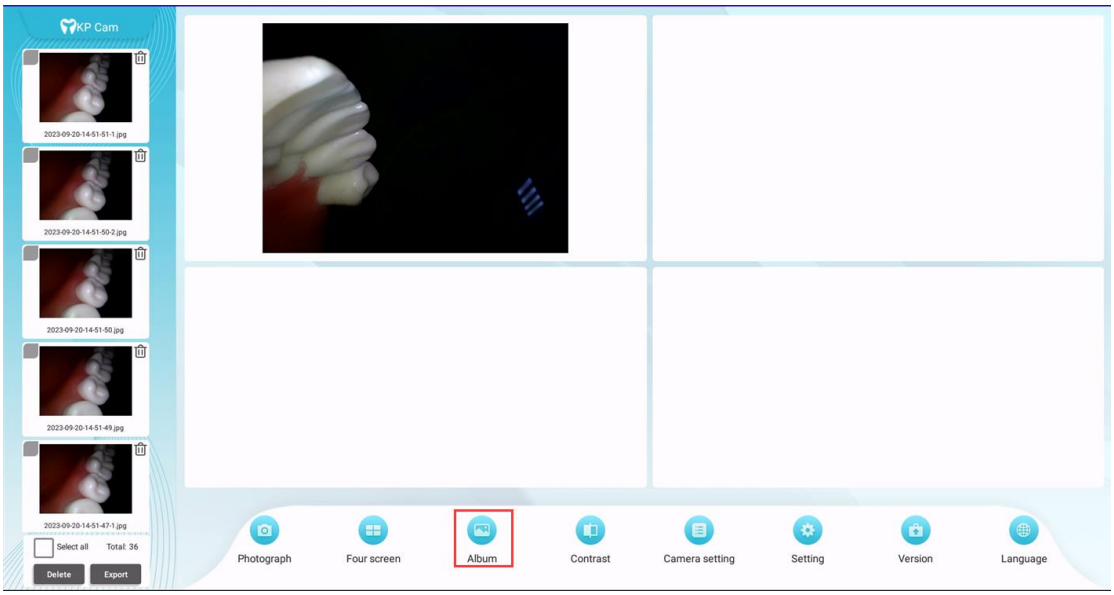


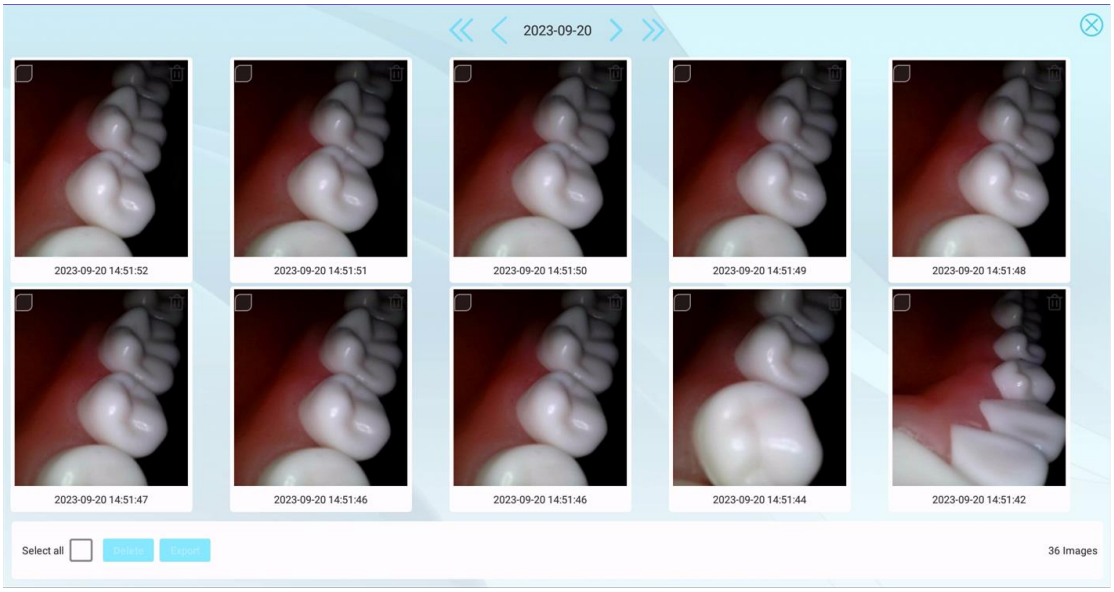




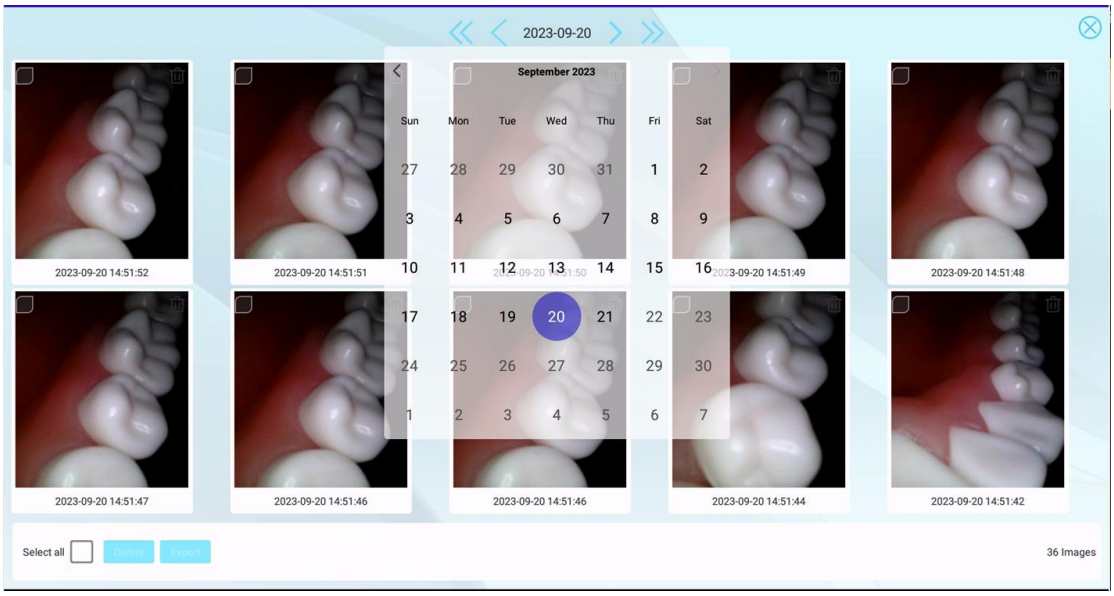
3.2 Photo album

Click the album button in the menu bar to enter the album. After entering the album, the picture list is displayed by date. 10 pictures are displayed by default. You can pull up the page to load more pictures. As shown below:





Click the button before and after the date, click the button before and after the date, to add the date/month, add and subtract, and query the picture list of a certain date; you can also click the date to open the calendar, select a date on the calendar, and double-click a date on the calendar Confirm selected date. It should be noted that the selected date cannot be greater than the current date. The operation is as shown in the figure:

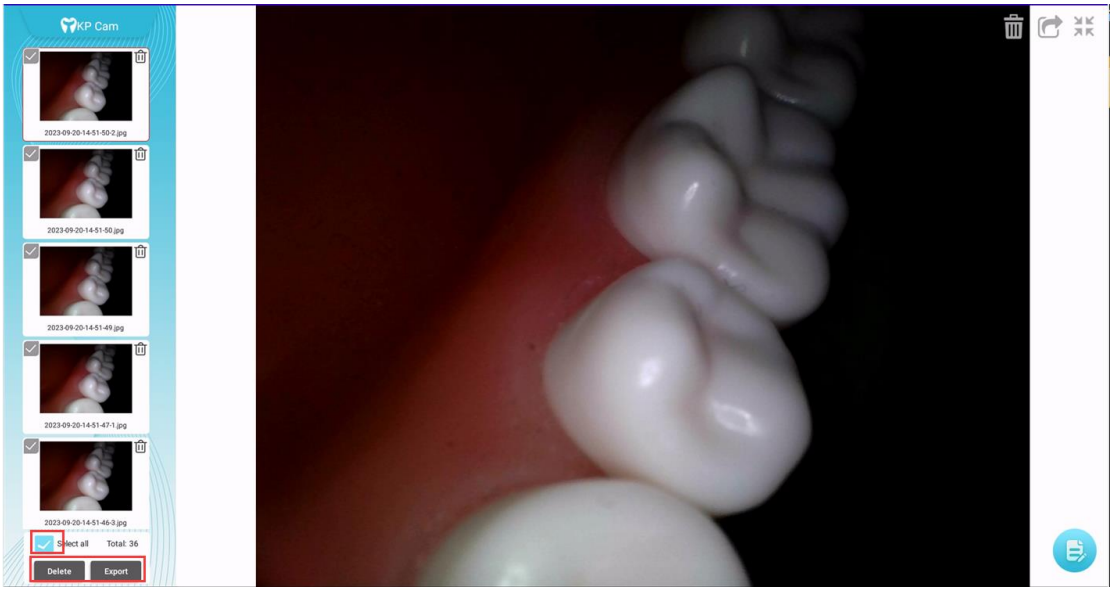


3.3.1、Picture Preview

In the picture list, double-click a picture to enter the picture preview page and enlarge the picture. On the picture preview page, you can control the zoom of the picture with two fingers, move the picture position with one finger, and display it in its original size with a double-click. As shown below:

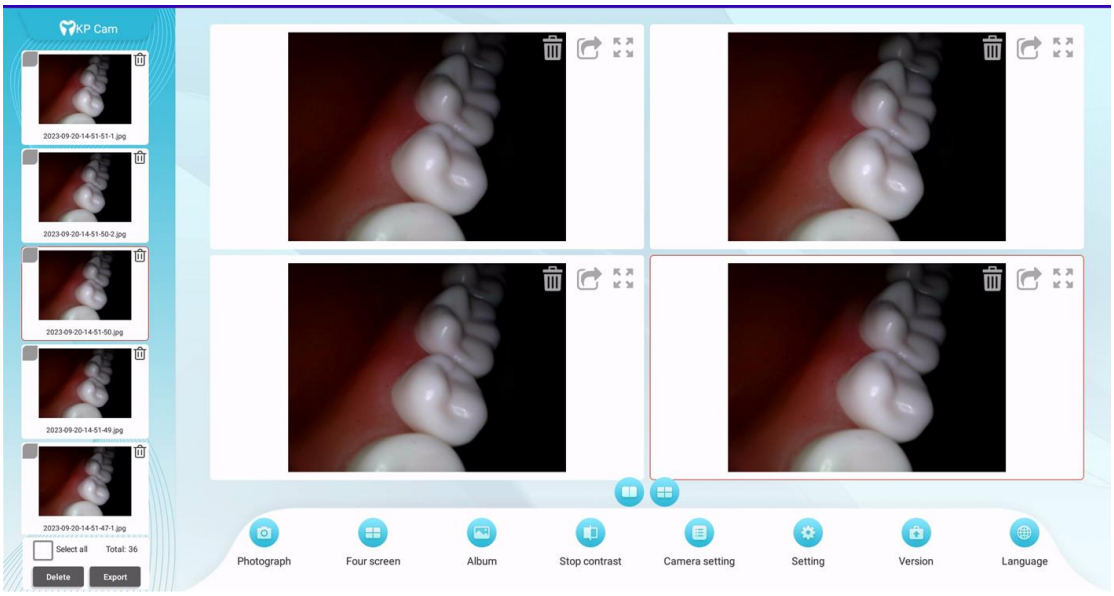
3.3.2、Batch operation of pictures. You can select multiple or all pictures in the picture list. After selecting the pictures, you can export or delete them in

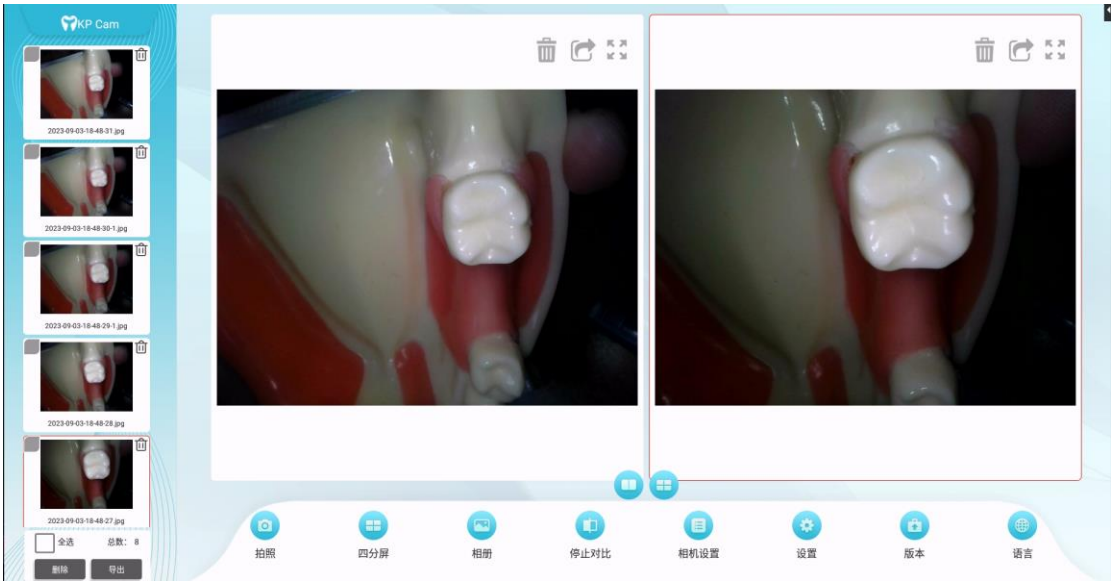
batches.

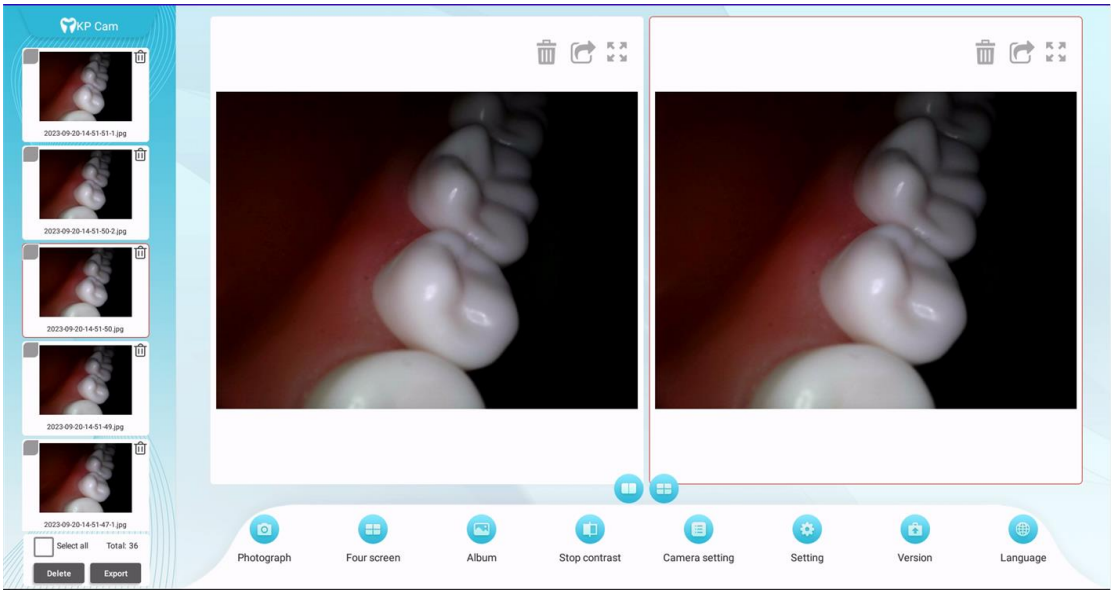


3.3 Contrast

Click the comparison button in the menu bar to enter the comparison mode; two comparison methods are provided, two-split screen comparison and four-split screen comparison. Click the two buttons below the comparison box to switch. After entering the comparison mode, first click to select the picture in the list on the left, and then click on the comparison box on the right to put the selected picture into the comparison box. As shown below:

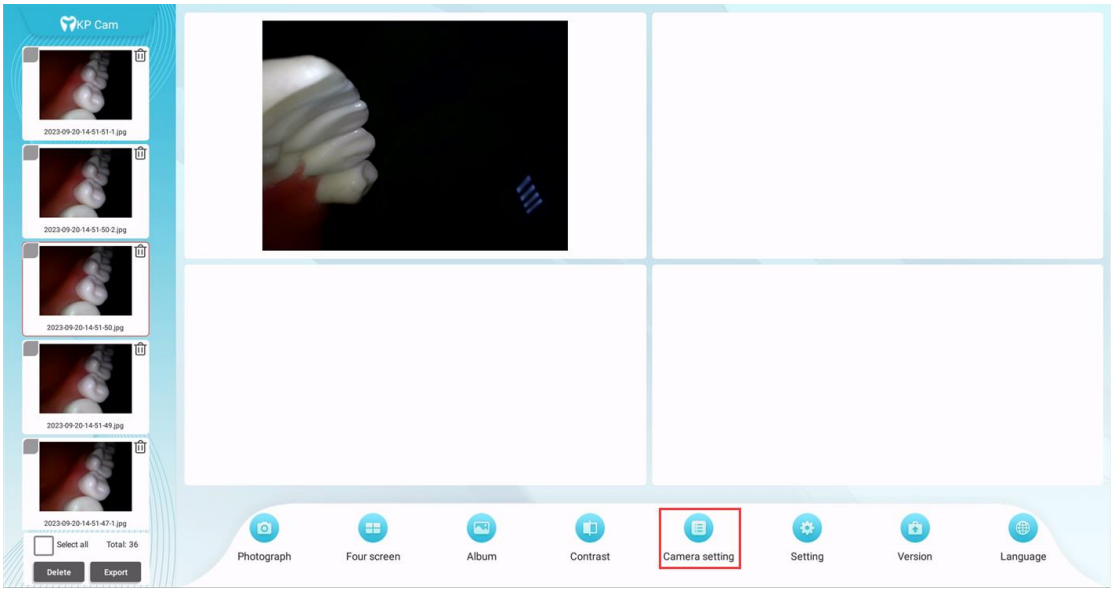

KP Cam
2023-09-20-14-51-51-1.jpg
2023-09-20-14-51-50-2.jpg
2023-09-20-14-51-50.jpg
2023-09-20-14-51-49.jpg
2023-09-20-14-51-47-1.jpg
Select all
Total: 36
Delete
Export
Photograph
Four screen
Album
Stop contrast
Camera setting
Setting
Version
Language

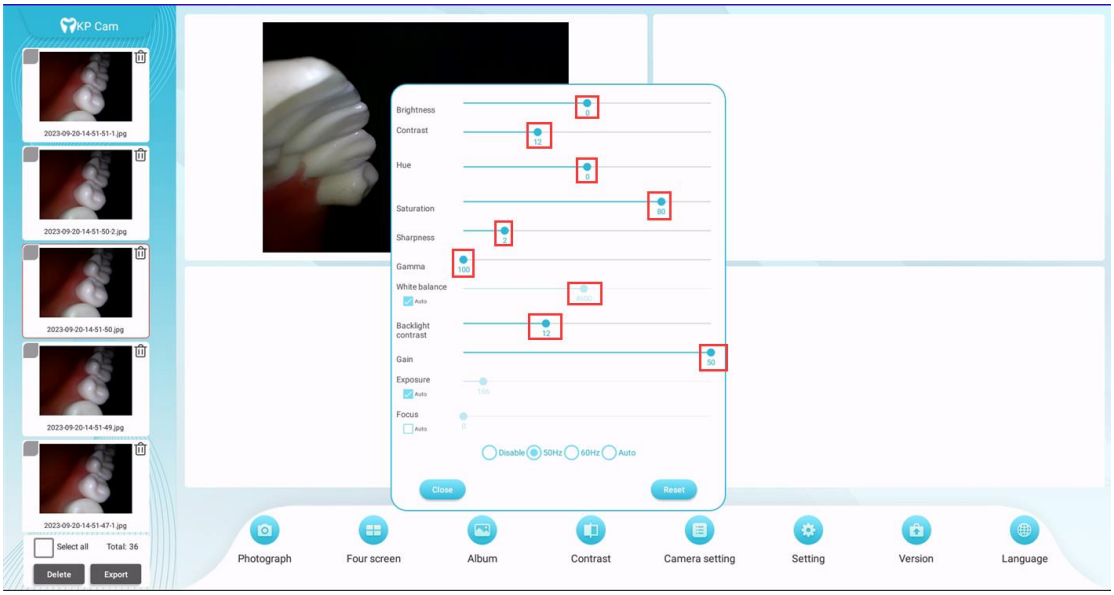

KP Cam
2023-09-03-18-48-31.jpg
2023-09-03-18-48-30-1.jpg
2023-09-03-18-48-29-1.jpg
2023-09-03-18-48-28.jpg
2023-09-03-18-48-27.jpg
全选
总数：8
删除
导出
拍照
四分屏
相册
停止对比
相机设置
设置
版本
语言

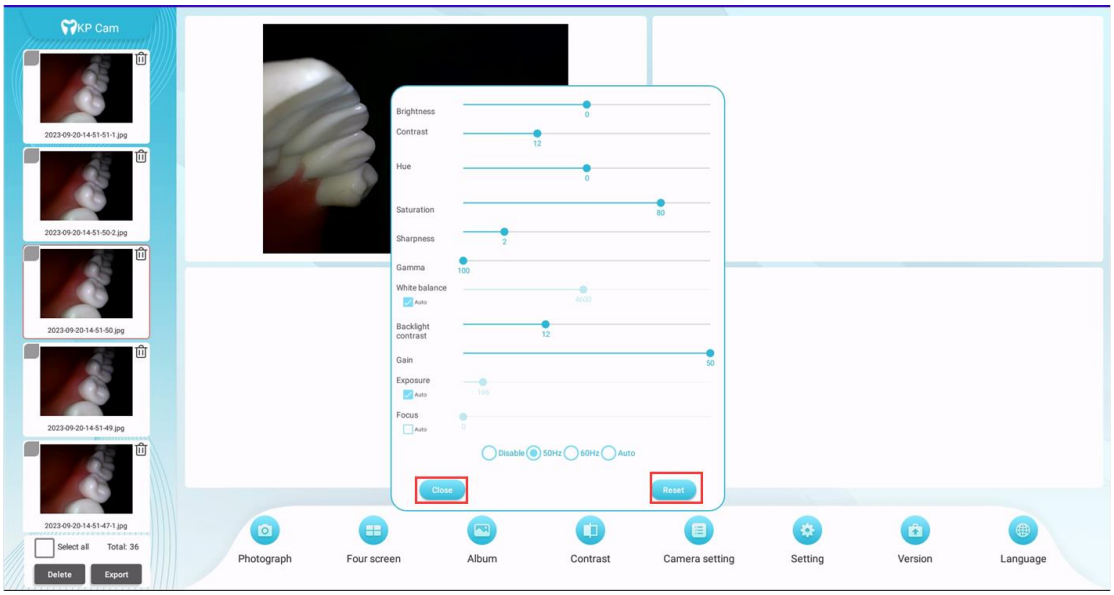

KP Cam
2023-09-20-14-51-51-1.jpg
2023-09-20-14-51-50-2.jpg
2023-09-20-14-51-50.jpg
2023-09-20-14-51-49.jpg
2023-09-20-14-51-47-1.jpg
Select all
Total: 36
Delete
Export
Photograph
Four screen
Album
Stop contrast
Camera setting
Setting
Version
Language

3.4 Camera settings

Click the camera settings button in the menu bar, and the camera parameter setting pop-up window will pop up. In the pop-up window, slide the progress left and right to set the parameters. After the settings are completed, click the close button. If you want to return to the default parameters, click the reset button. The camera parameters will be set to the default parameters.。

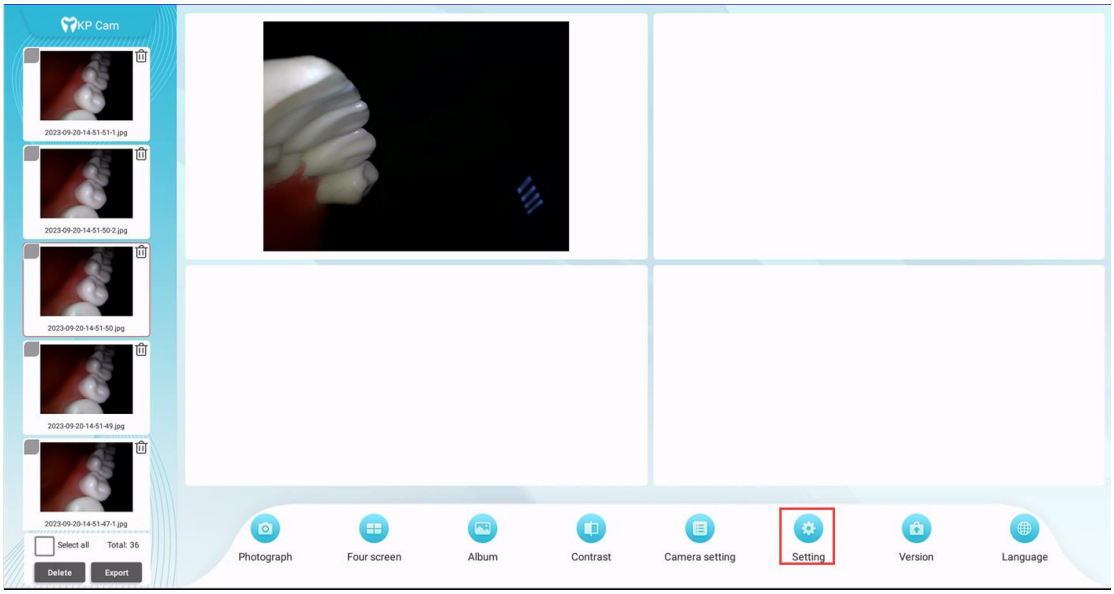






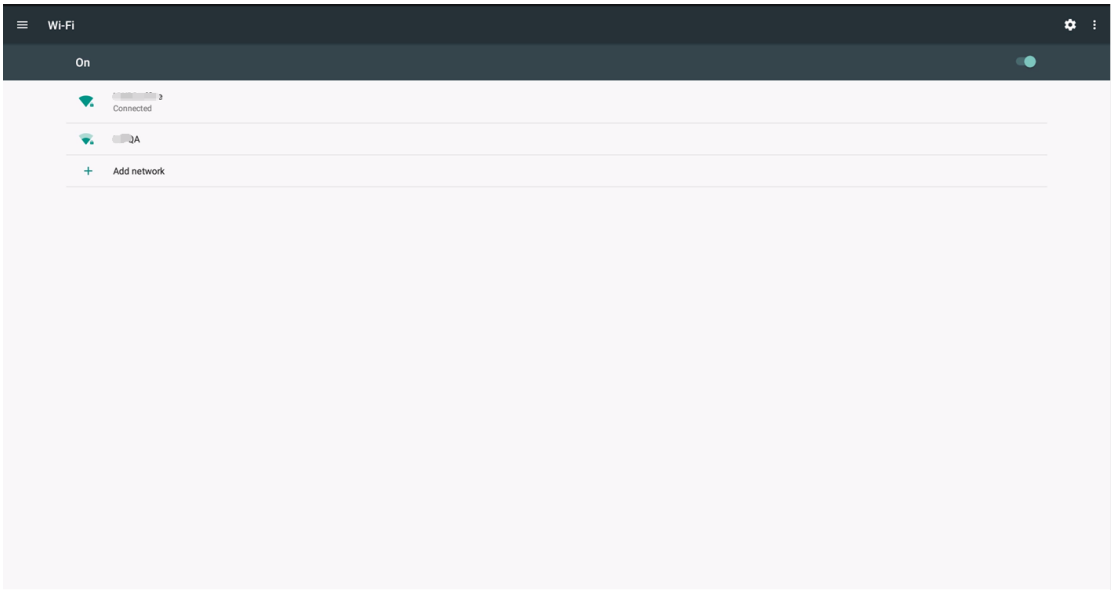
3.5 Settings

Click the settings button in the menu bar, and the software settings pop-up window will pop up. In the pop-up window, you can set the default display format, camera resolution, and Wi-Fi connection function. As shown below:



3.5.1 Wifi connection function

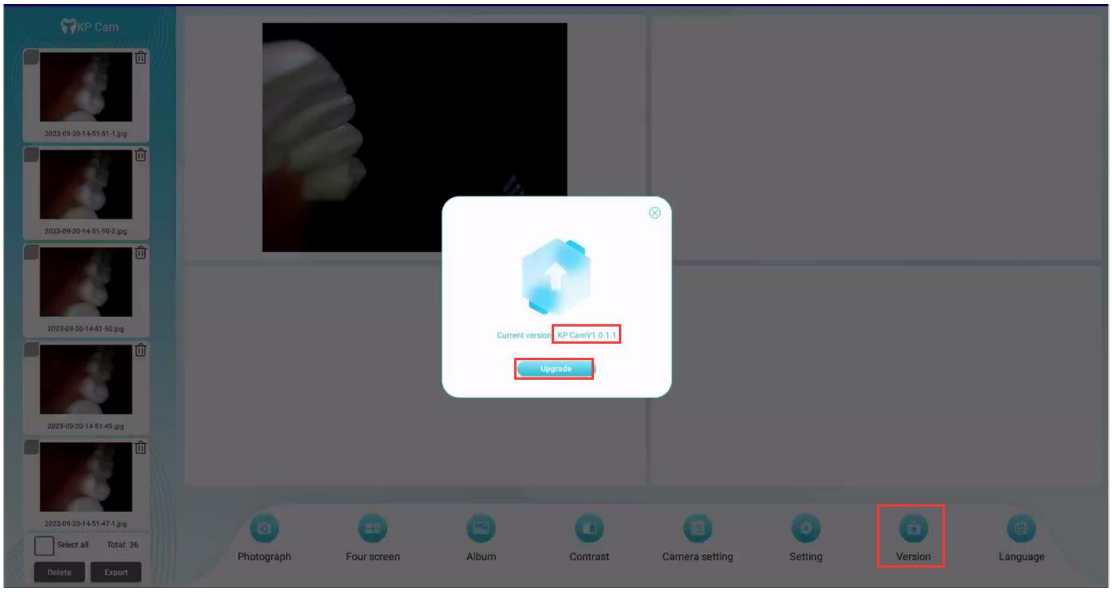
Click the wifi connection button to jump to the wifi connection page. After connecting to wifi normally, click the return button in the navigation bar to get WLAN. The left button can return to the software page. As shown below:



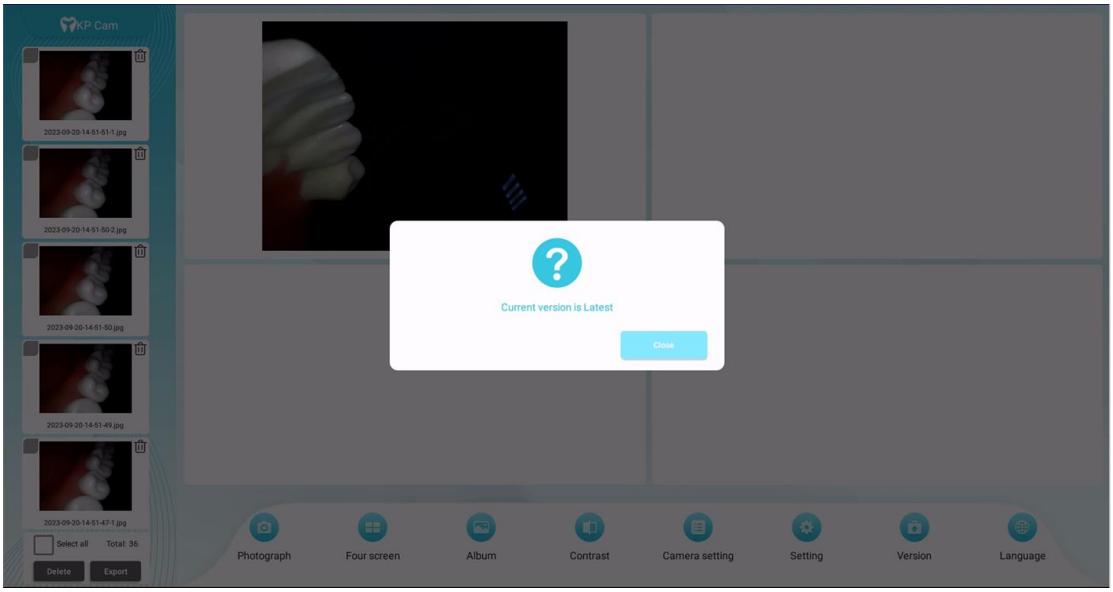
3.6 Version

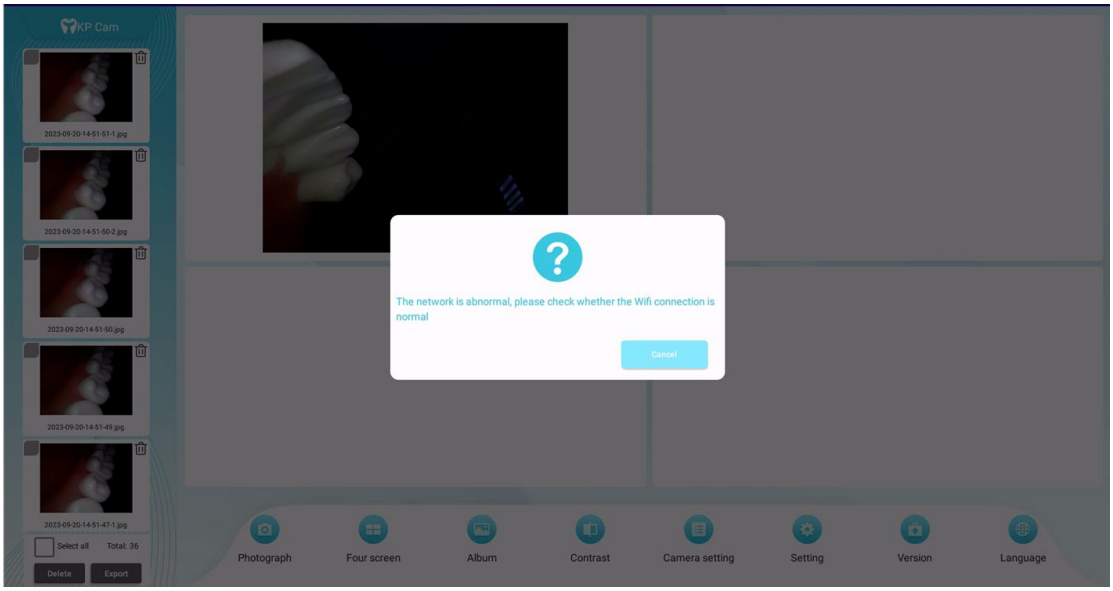
Click the version button in the menu bar, and a version pop-up window will pop up. In the pop-up window, you can view the current

version number and check for updates, as shown in the figure below:

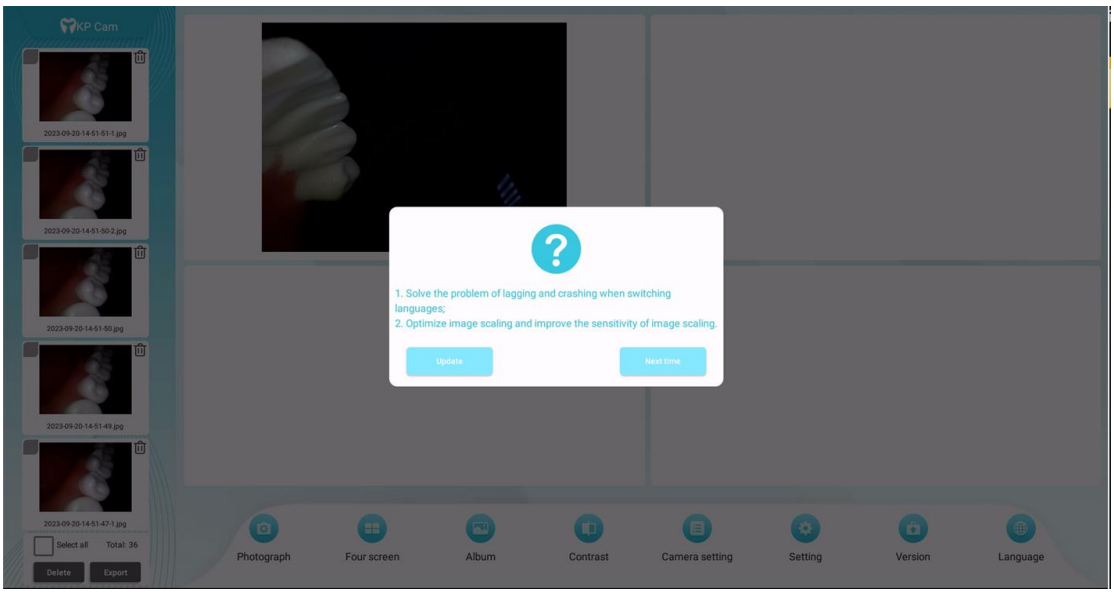


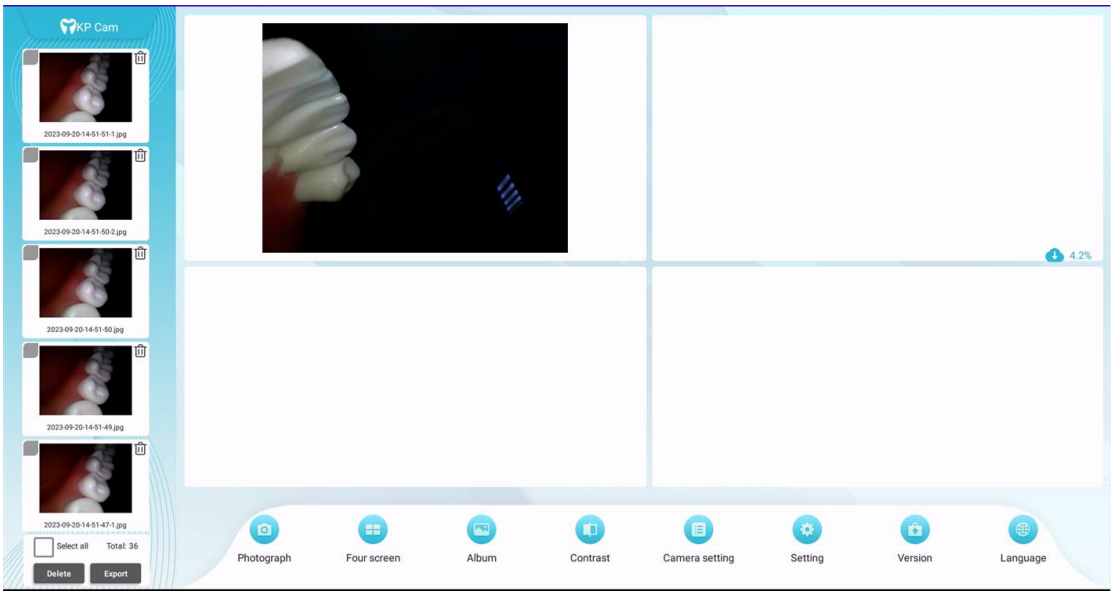
Click the Check for Updates button and it will detect whether there is a new version. If no new version is detected, it will prompt that the latest version is currently available. If the current host wifi is connected or there is no network, it will prompt that the network connection is abnormal.

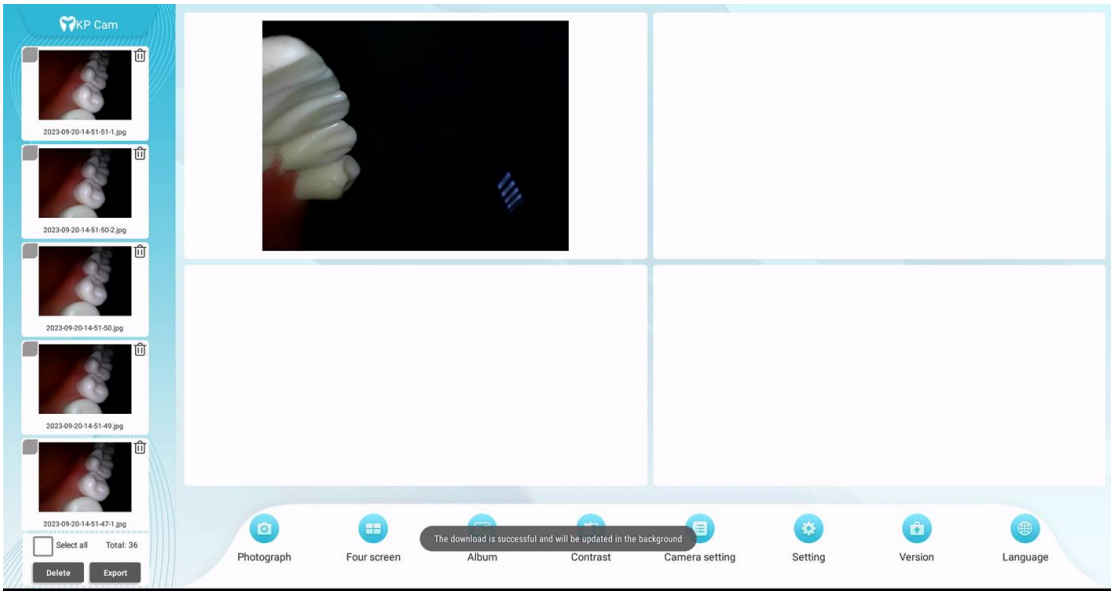




After detecting the new version, you will be prompted whether to update. If you choose to update, the new version will be downloaded in the background and a floating window with a progress bar will be displayed on the page. After the download is completed, you will be prompted to install it in the background. After the installation is completed, the software will automatically restart, as shown in the figure below:

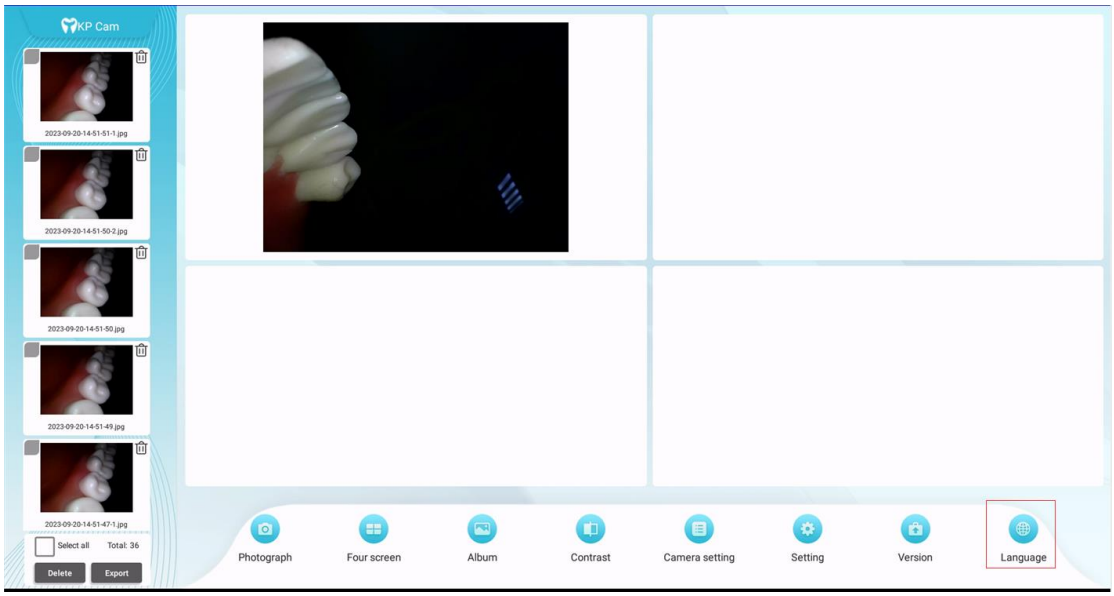


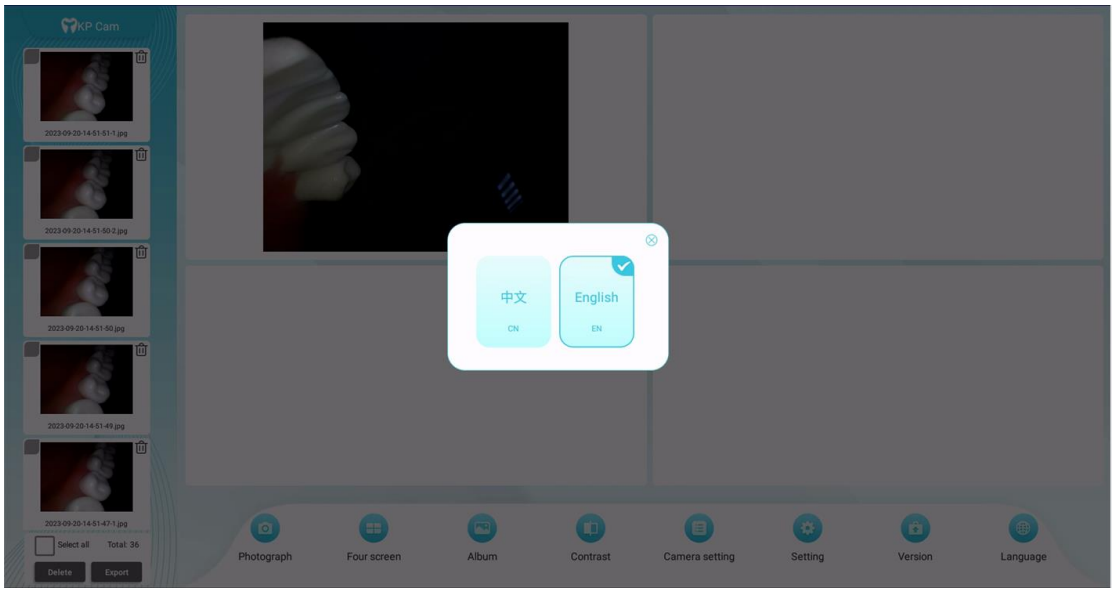




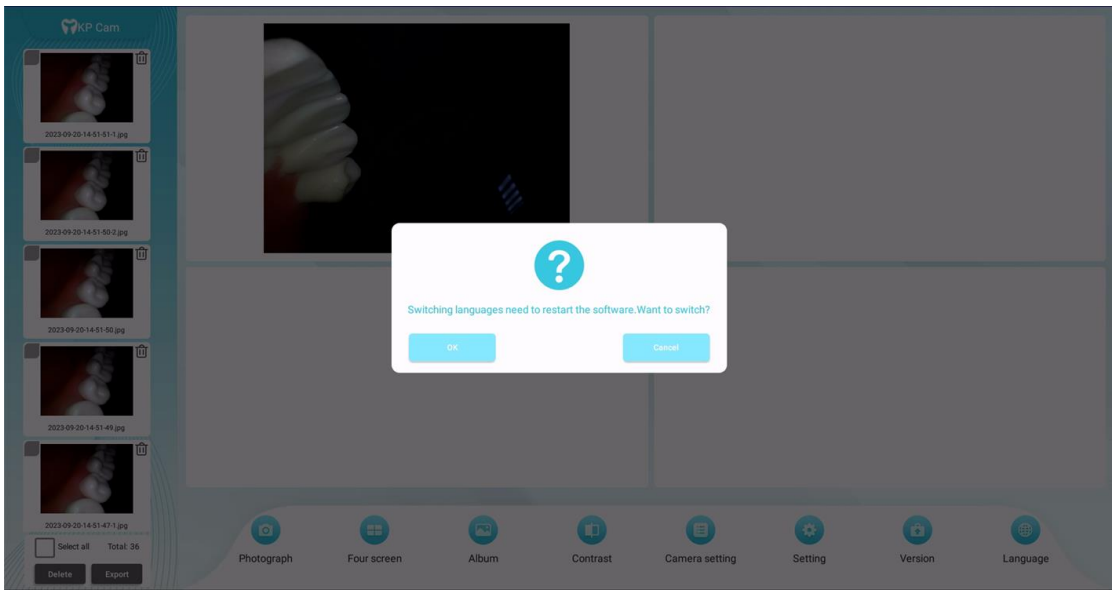
3.7 Language

Click the language button in the menu bar, and the language setting pop-up window will pop up, as shown in the figure below:





Click the language box in the pop-up window to switch languages. After switching, the software will be prompted to restart. After the software restarts, the language settings will take effect. If you choose not to restart, the language settings will be invalid, as shown in the figure below:



4. Training and Maintenance

After the user purchases this product, the dealer will come to train the operators. If you still have questions, you can contact the dealer. In addition, the user may not change the intended use of the product and software.

When there is a problem with the equipment or software, please contact the dealer. The dealer will contact our company and our company will arrange professional personnel to perform maintenance.

5. Other

When using equipment and software, please use it under good light so as not to affect the viewing of image details.

KP Cam Key version Software Manual

6. Overview

KP Cam software is the digital software of the oral digital observer produced by Guilin Kevin Peter Technology Co., Ltd. It runs separately on the Android system. The software uses the camera capture system to digitize the intraoral images and provide doctors with high-quality oral images and data.

System function overview

KP Cam is composed of several functional modules. Each module completes a specific function and implements image collection and software settings.

Photography: Capturing intraoral images.

Grid setting: Set the number of split screens displayed on the photo page. The display formats include full screen, two-split screen and four-split screen.

Album: View a list of captured images, arranged in descending order by shooting time.

Contrast: Manually select specified pictures and put them in the comparison box for comparison.

Camera settings: Implement camera-related parameter settings such as camera brightness, contrast, and hue.

Settings: The settings page includes system default display format, camera resolution settings and Wifi connection.

Check for updates: Check software upgrades and download installation packages.

Language: Implement language switching, support switching between Chinese and English.

About key support instructions:

There are 4 Keys on the handle, as shown in the picture below. From top to bottom they are the camera key, + key, M key, and - key. The + key and - key are used to adjust the camera brightness. The M key is Camera light switch; there are 3 keys on the host, from left to right they are the + key, the M key, and the - key. The + key and the - key realize system volume adjustment by default, and the M key

realizes volume adjustment and brightness adjustment Switching.

7. Operating environment

System Requirements

CPU：QuadCore-A40i
Memory：1GB
Graphics card：-
Monitor Resolution：1920*1080

Software Environment

Android7.1.1

Network Conditions

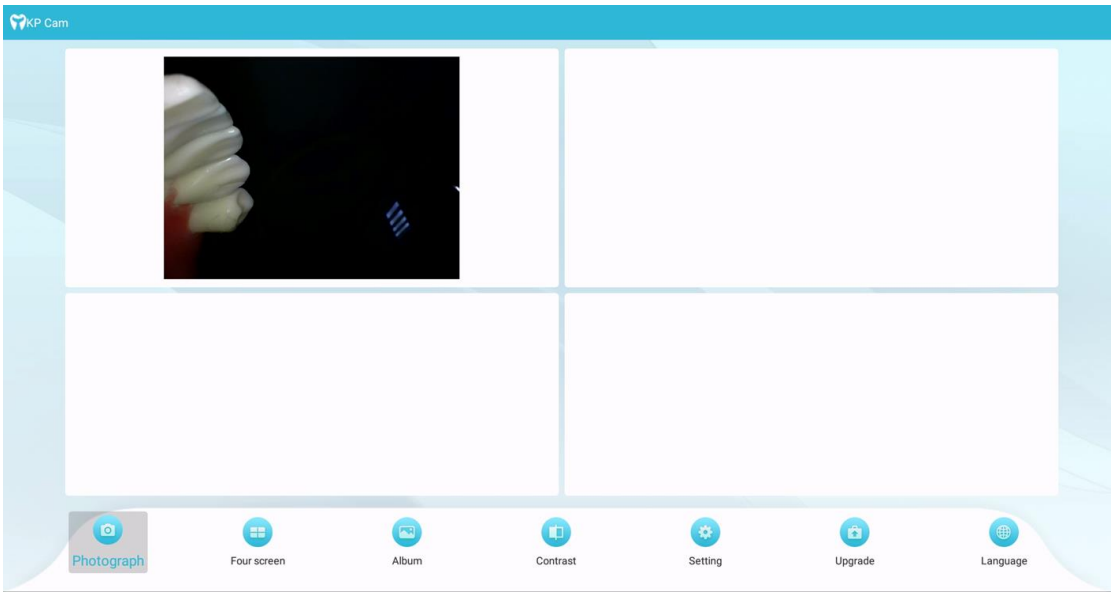
Stand-alone operation

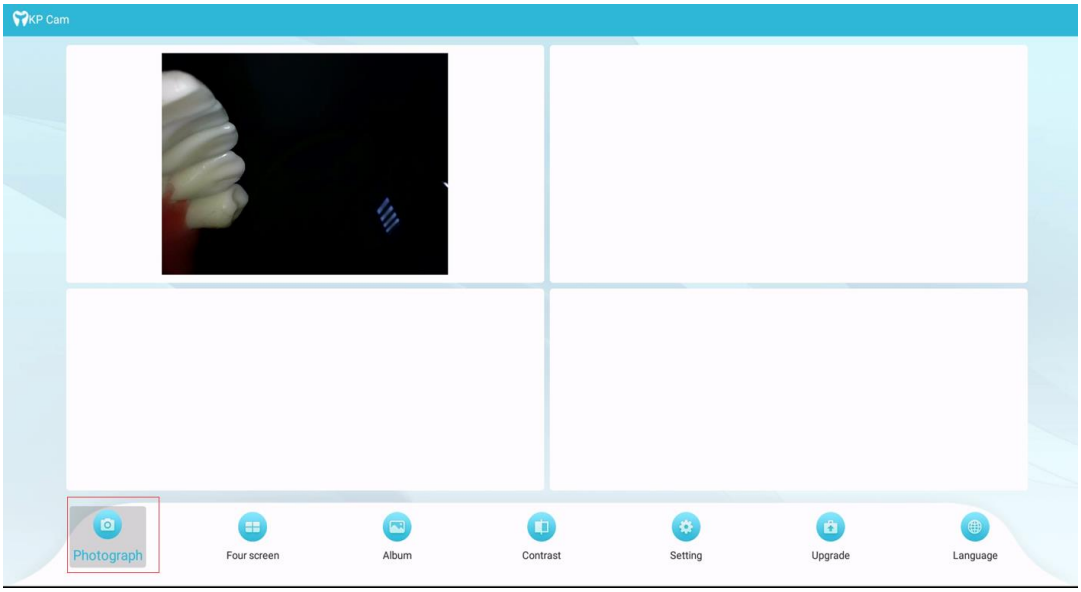
8. Software functions

8.1 Photography

After entering the system, the key operation guidance will be displayed. After clicking the metal handle or the M key of the host, you will enter the photo page. The photo page defaults to a four-square grid for taking pictures. Click the photo key on the handle to take pictures. Under

the four-square grid display, the page Up to the latest 4 images will be displayed. After taking 4 images, the page will be refreshed. In the horizontal menu bar below, the photo button is selected by default. When the photo button is selected, click the M key to take a photo. As shown below:

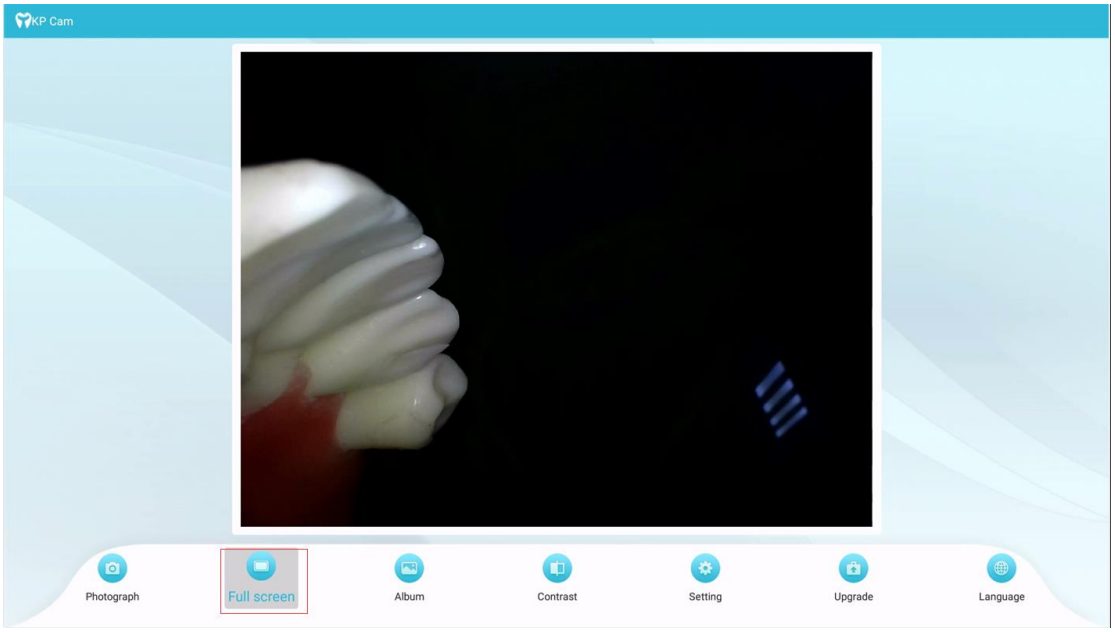


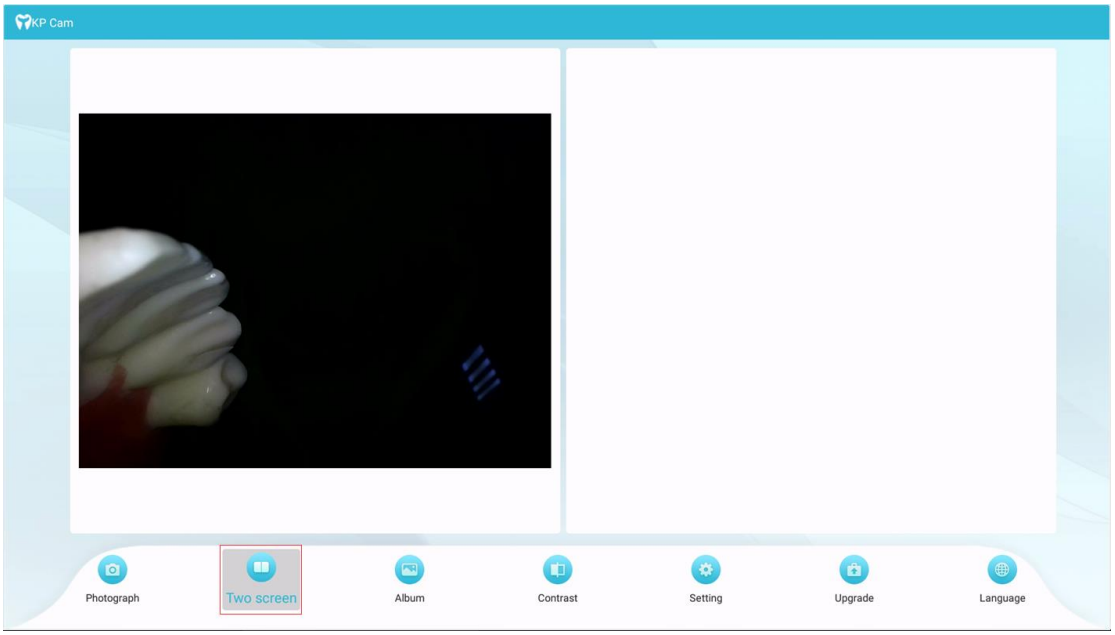


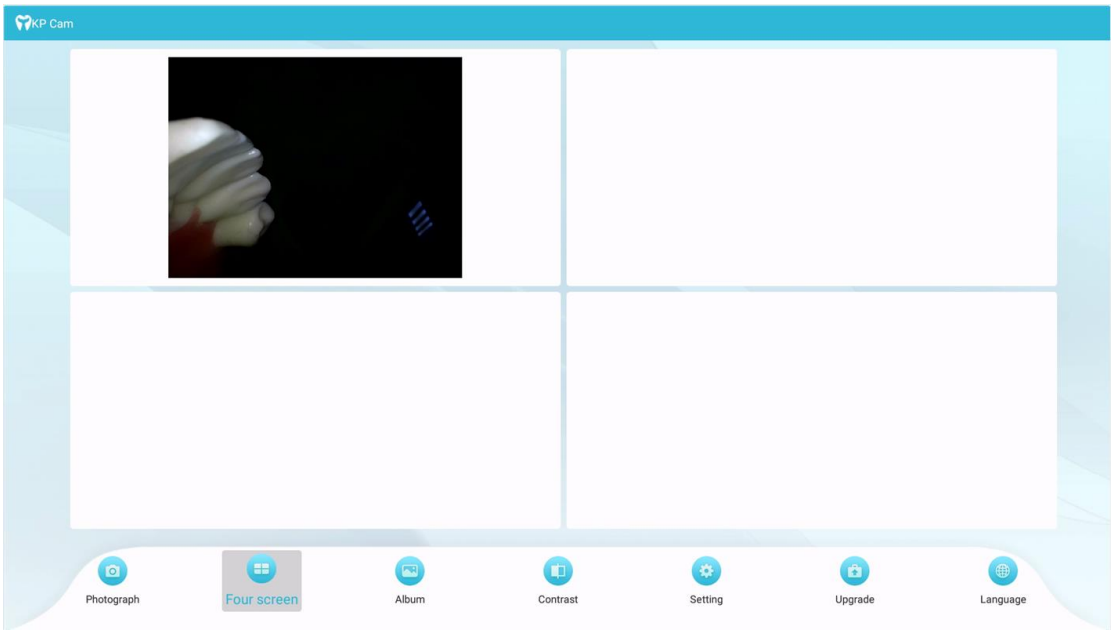
8.2 Display format switching

Use the + key and - key to move the lower menu bar, select the

split screen button in the menu bar, and click the M button to switch to split screen. The default display is four-split screen. After switching, the icons and text will be split screen and transformed accordingly. ,As shown below:

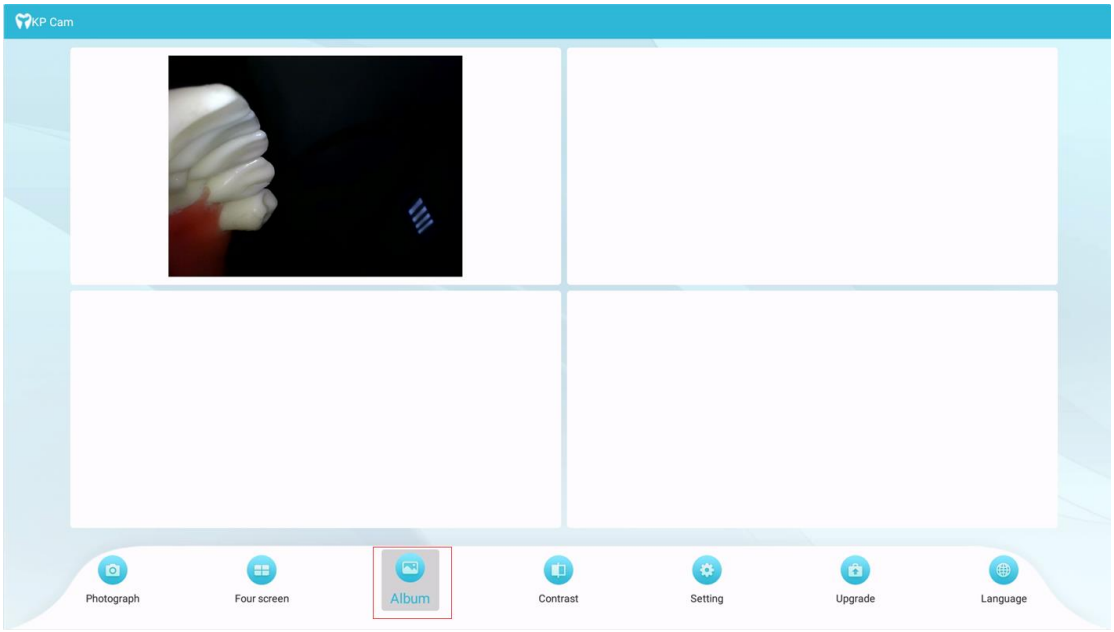


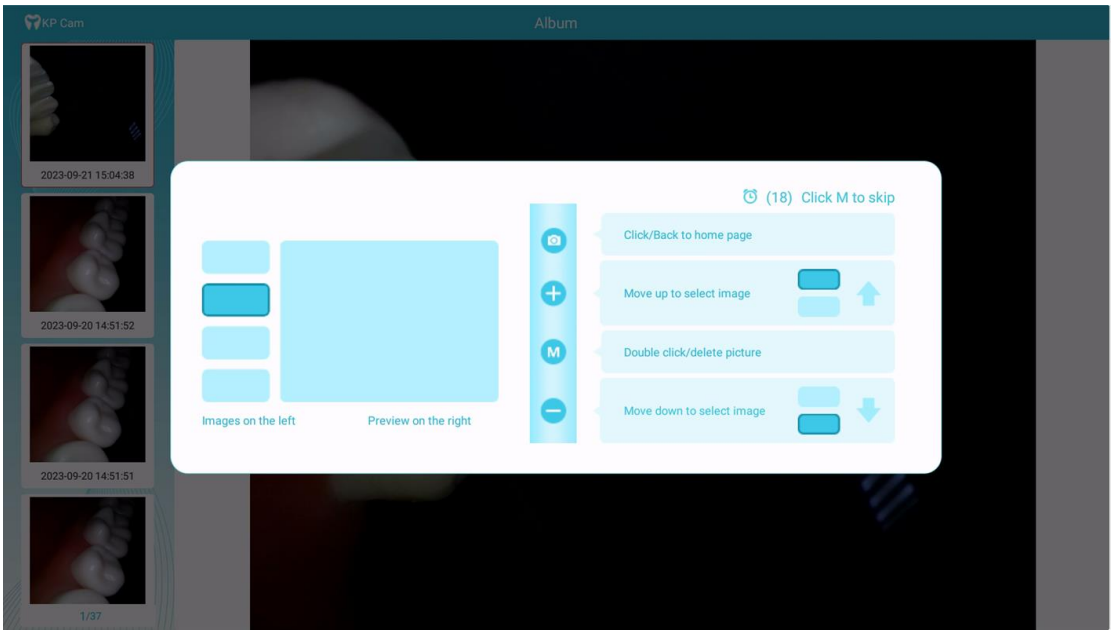


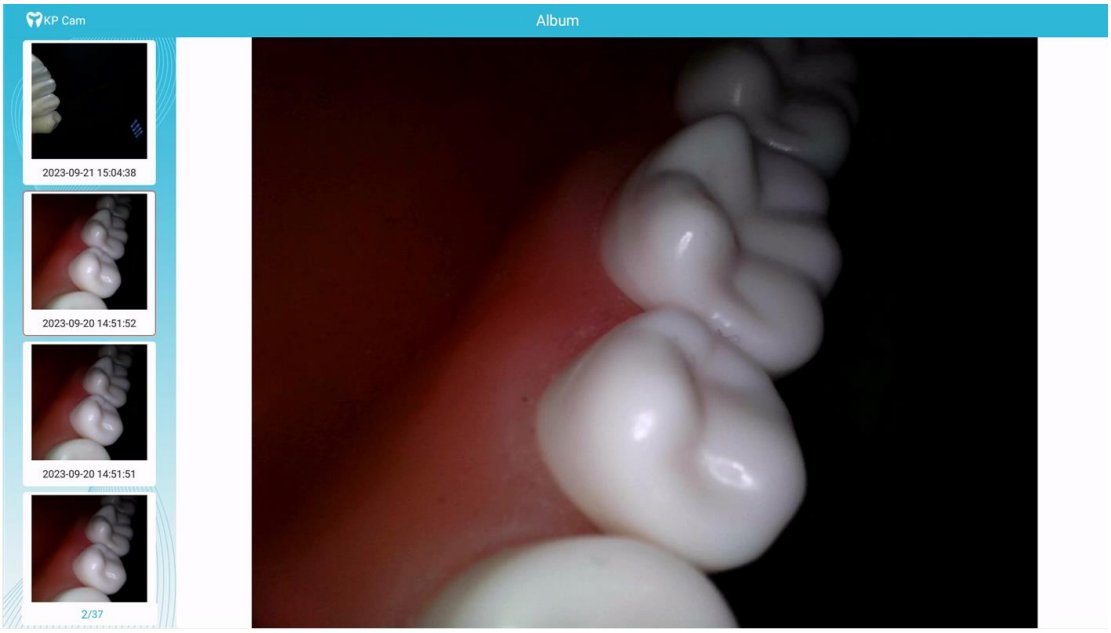


8.3 Album

Use the + and - keys to move the lower menu bar, select the album button in the menu bar, and click the M button to enter the album. After entering the photo album, the operation guidance will be displayed. Use the M key to close the operation guidance. Use the + key pair to move up to select an image, and the - key pair to move down to select an image. The selected image is displayed on the right. As shown below:

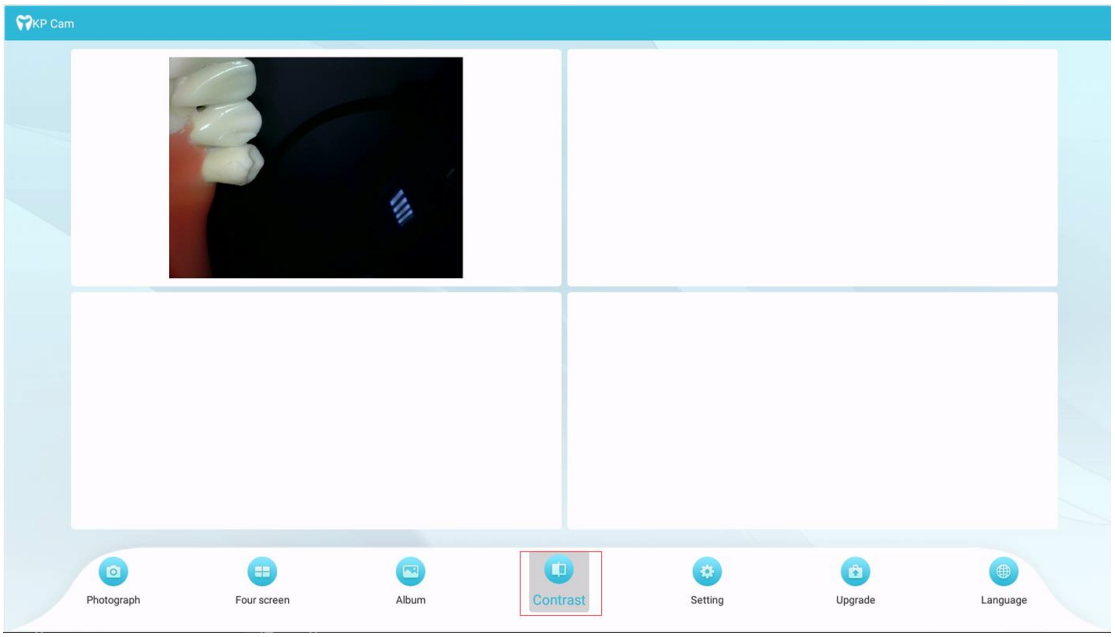

KP Cam
Photograph
Four screen
Album
Contrast
Setting
Upgrade
Language

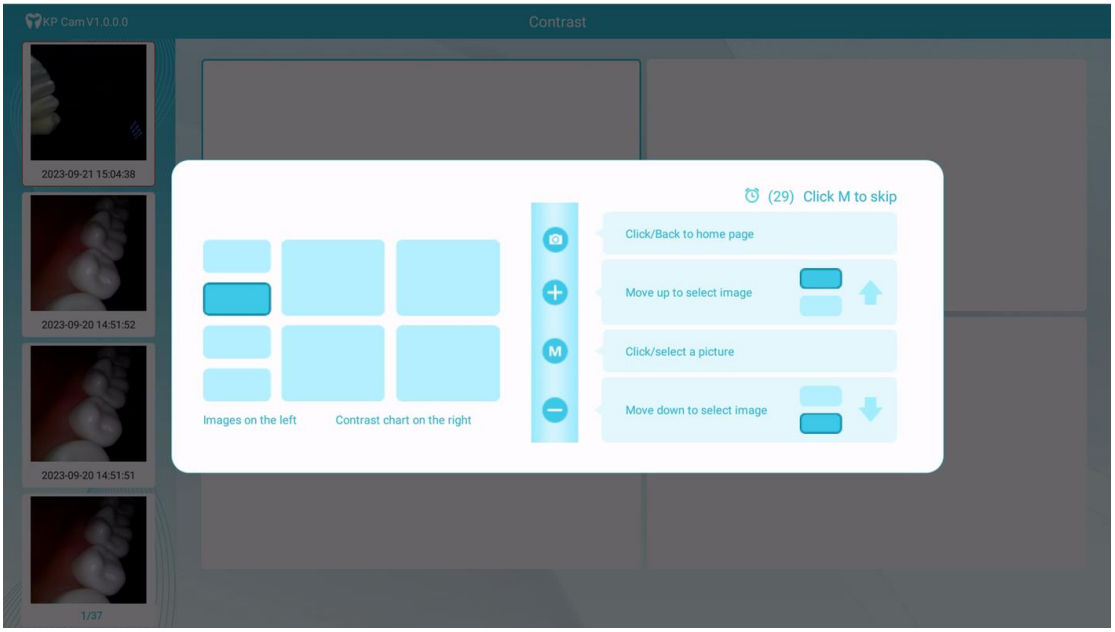

KP Cam
Album
2023-09-21 15:04:38
2023-09-20 14:51:52
2023-09-20 14:51:51
1/37
(18) Click M to skip
Click/Back to home page
Move up to select image
Double click/delete picture
Move down to select image
Images on the left
Preview on the right

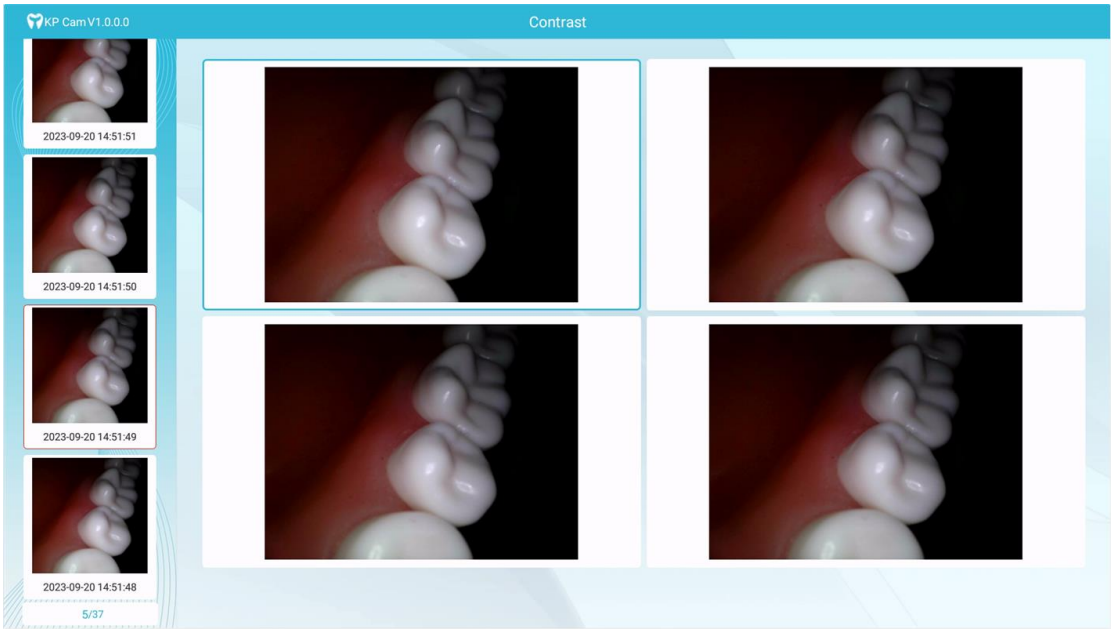


8.4 Contrast

Use the + and - keys to move the lower menu bar, select the comparison button in the menu bar, and click the M button to enter the comparison page. After entering the comparison, the operation guidance will be displayed. Use the M key to close the operation guidance. Use the + key to move up to select an image, the - key to move down to select an image, and click the M key to add the currently selected image to the comparison box on the right. As shown below:

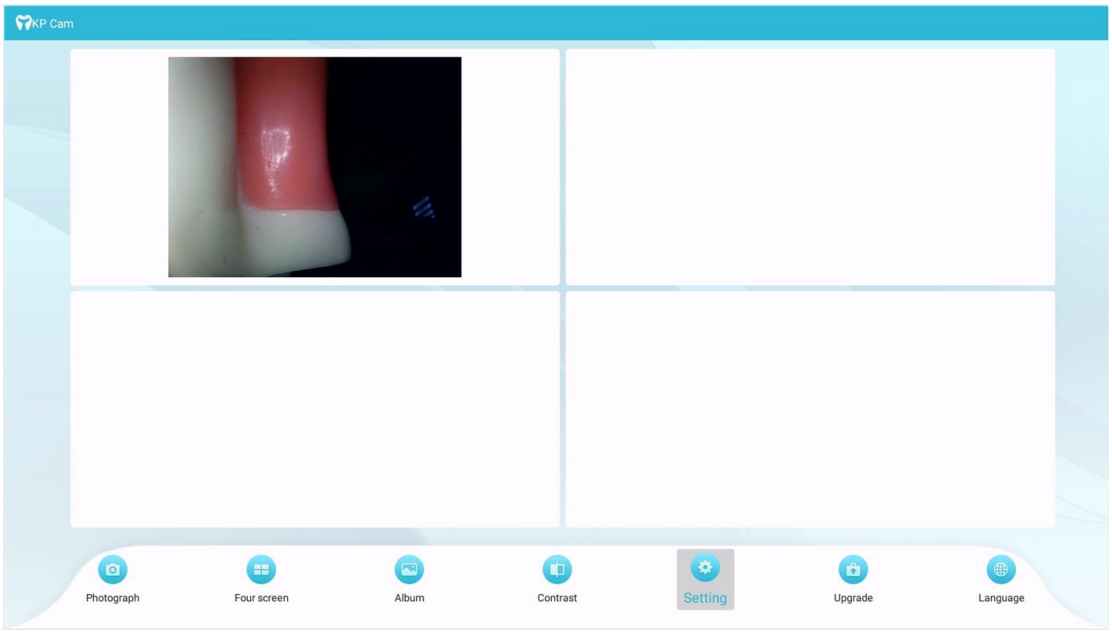

KP Cam
Photograph
Four screen
Album
Contrast
Setting
Upgrade
Language

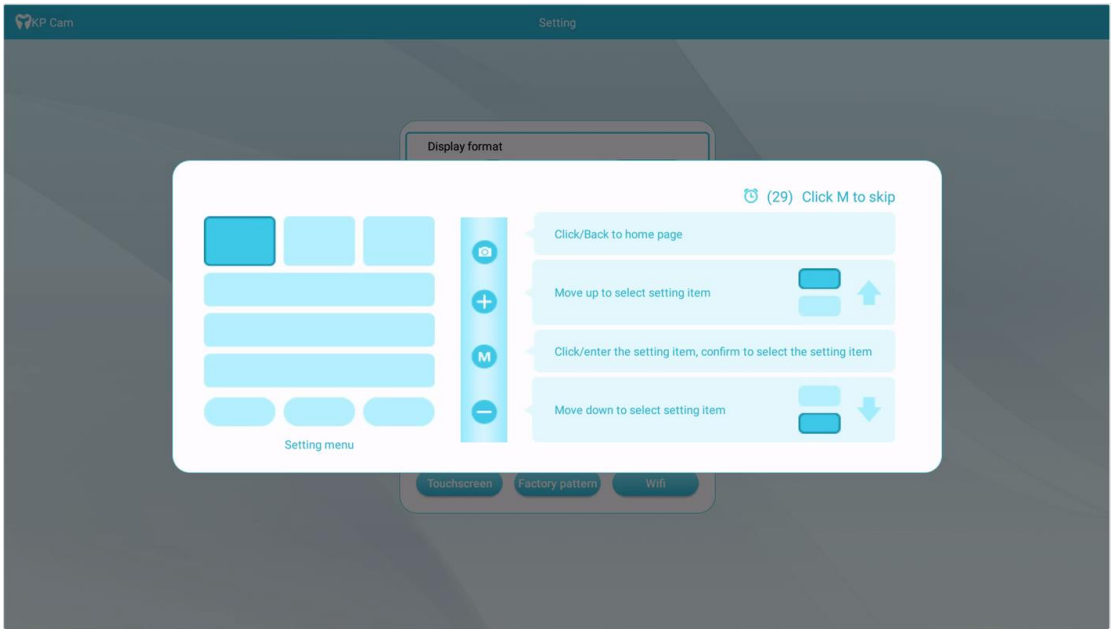

KP Cam V1.0.0.0
Contrast
2023-09-21 15:04:38
2023-09-20 14:51:52
2023-09-20 14:51:51
1/37
(29) Click M to skip
Click/Back to home page
Move up to select image
Click/select a picture
Move down to select image
Images on the left
Contrast chart on the right

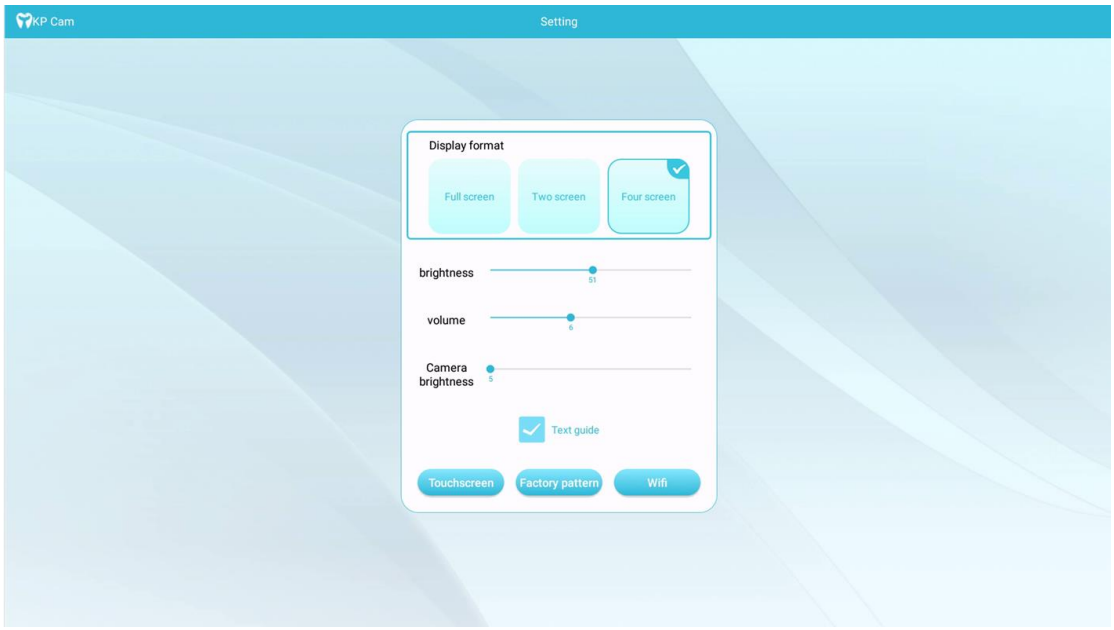


8.5 Setting

Use the + and - keys to move the lower menu bar, select the settings button in the menu bar, and click the M button to enter the comparison page. After entering the comparison, the operation guidance will be displayed. Use the M key to close the operation guidance. Use the + key to move up to select the image, and the - key to move down to select the setting item. Click the M key to enter the setting item. The + and - keys move to operate the setting item. As shown below:

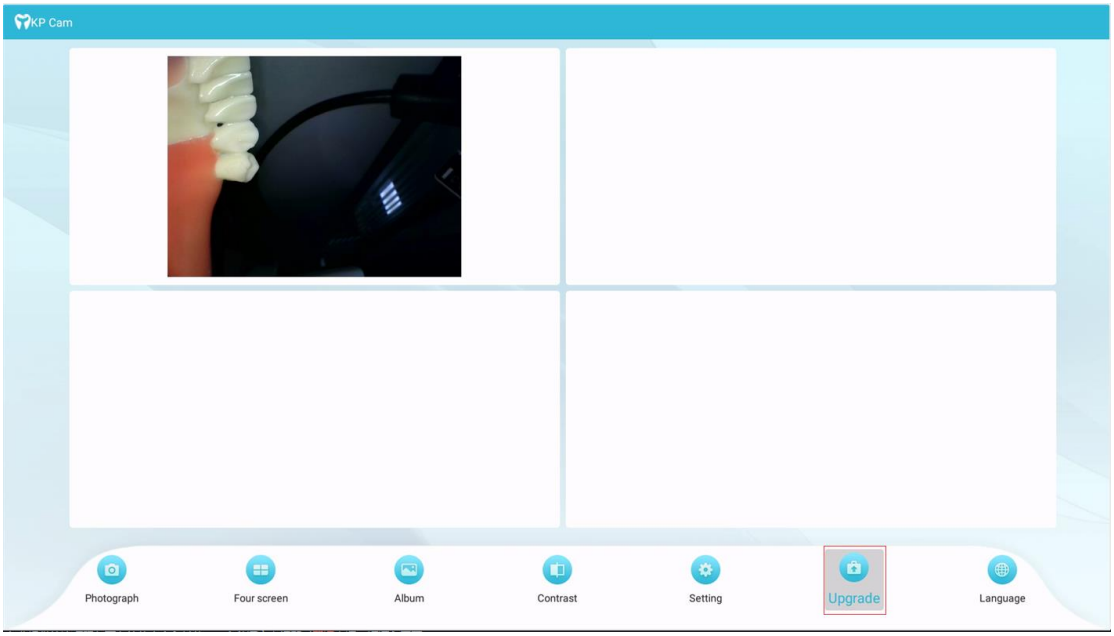

KP Cam
Photograph
Four screen
Album
Contrast
Setting
Upgrade
Language

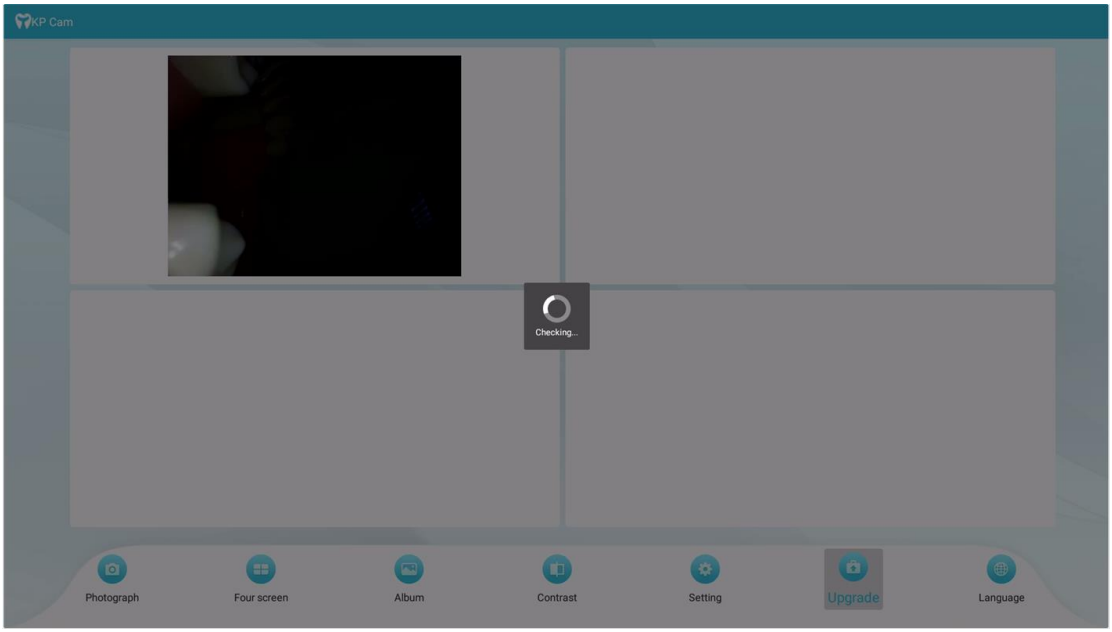

KP Cam
Setting
Display format
(29) Click M to skip
Click/Back to home page
Move up to select setting item
Click/enter the setting item, confirm to select the setting item
Move down to select setting item
M
Setting menu
Touchscreen
Factory pattern
Wifi



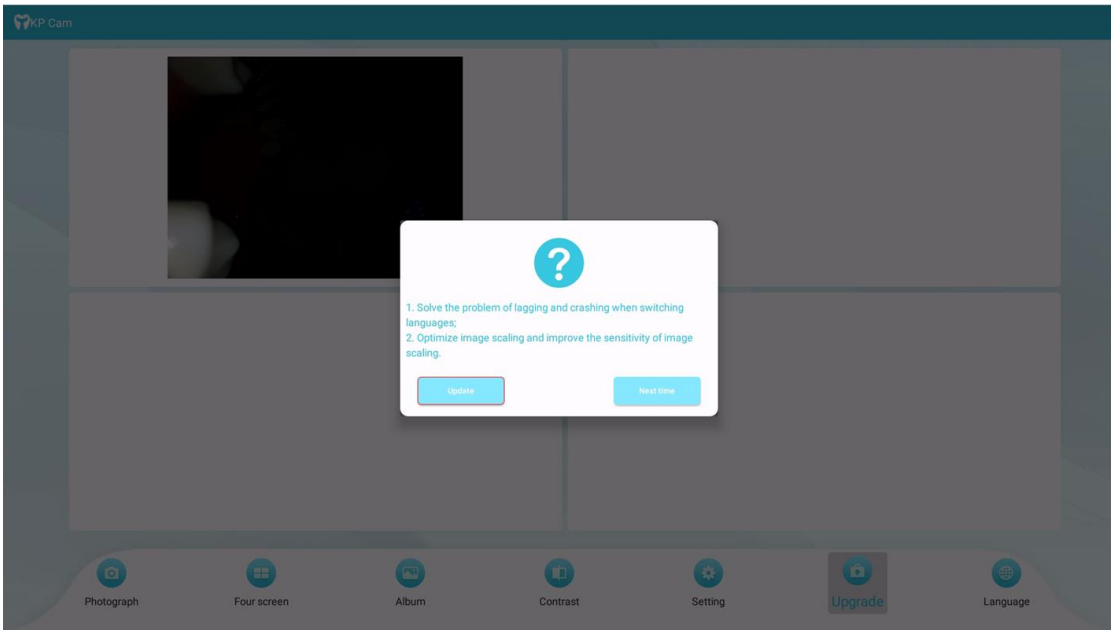
8.6 Upgrade

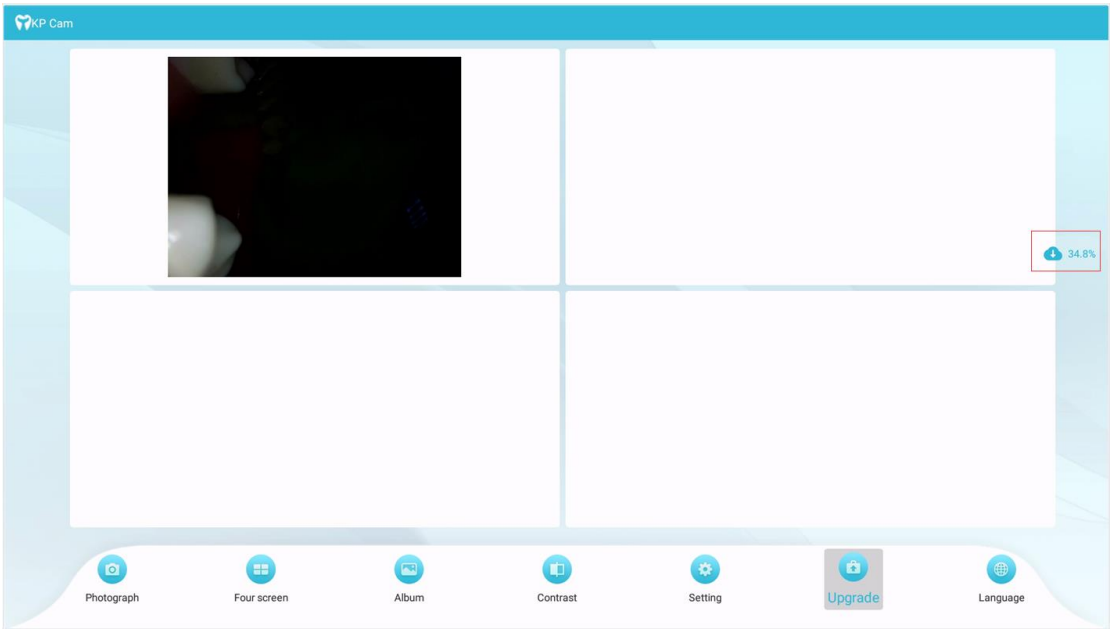
Use the + and - keys to move the lower menu bar, select the Check for Updates button in the menu bar, and click the M button to check the software version. Checked new version, prompted to update.

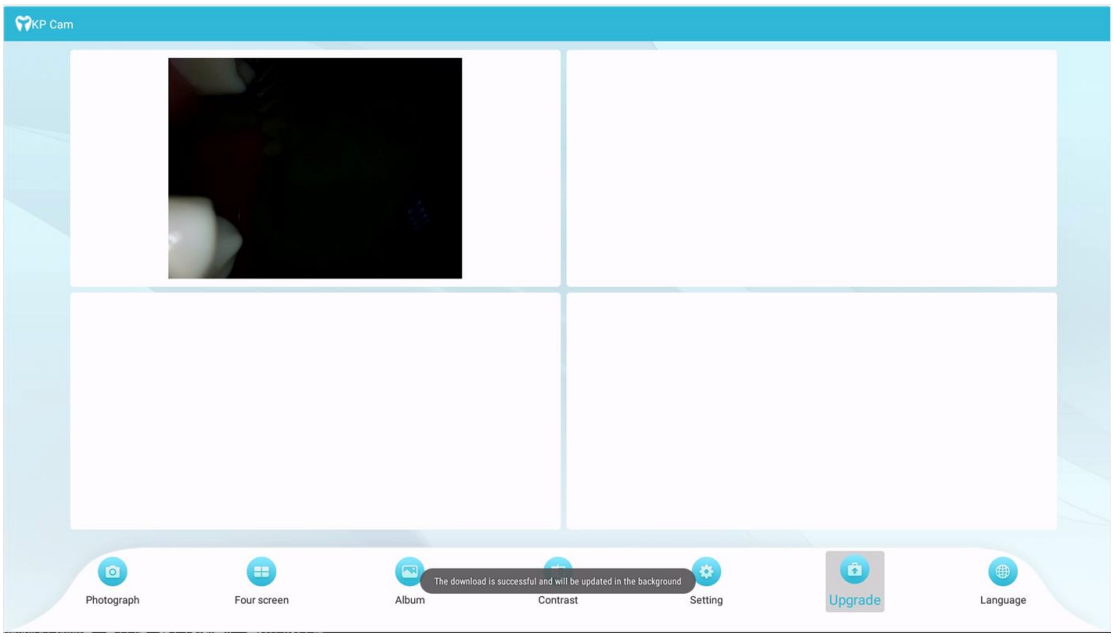




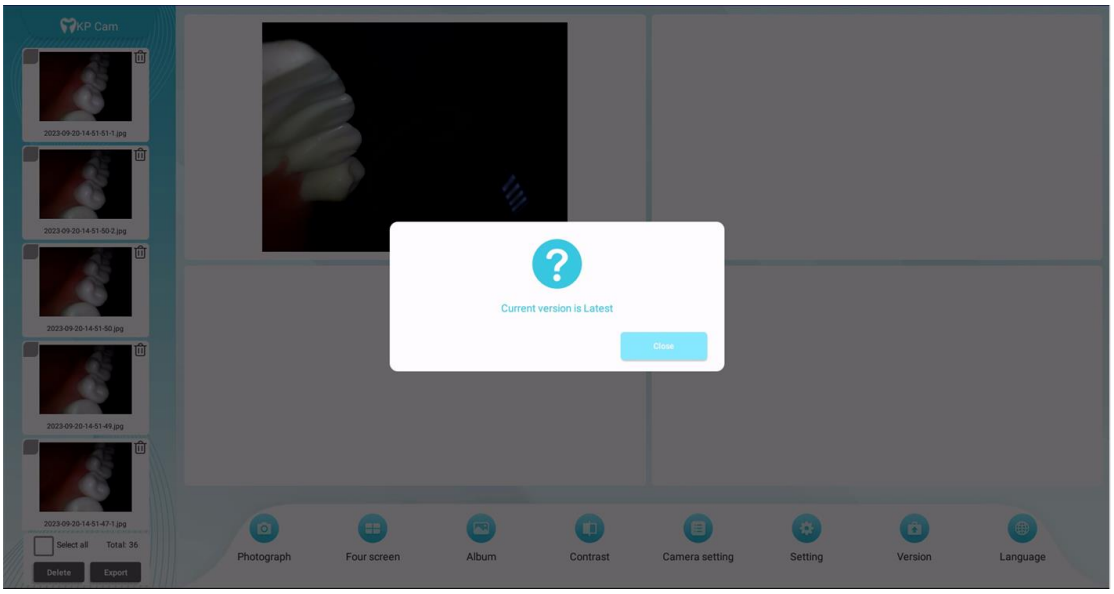
If a new version is detected, it will prompt whether to update. If you choose to update, the new version will be downloaded and a floating window with a progress bar will be displayed on the page. After the download is completed, it will prompt for background installation. After the installation is completed, the software will automatically restart, as shown in the figure below Show:


KP Cam
1. Solve the problem of lagging and crashing when switching languages;
2. Optimize image scaling and improve the sensitivity of image scaling.
Update
Next time
Photograph
Four screen
Album
Contrast
Setting
Upgrade
Language


KP Cam
34.8%
Photograph
Four screen
Album
Contrast
Setting
Upgrade
Language



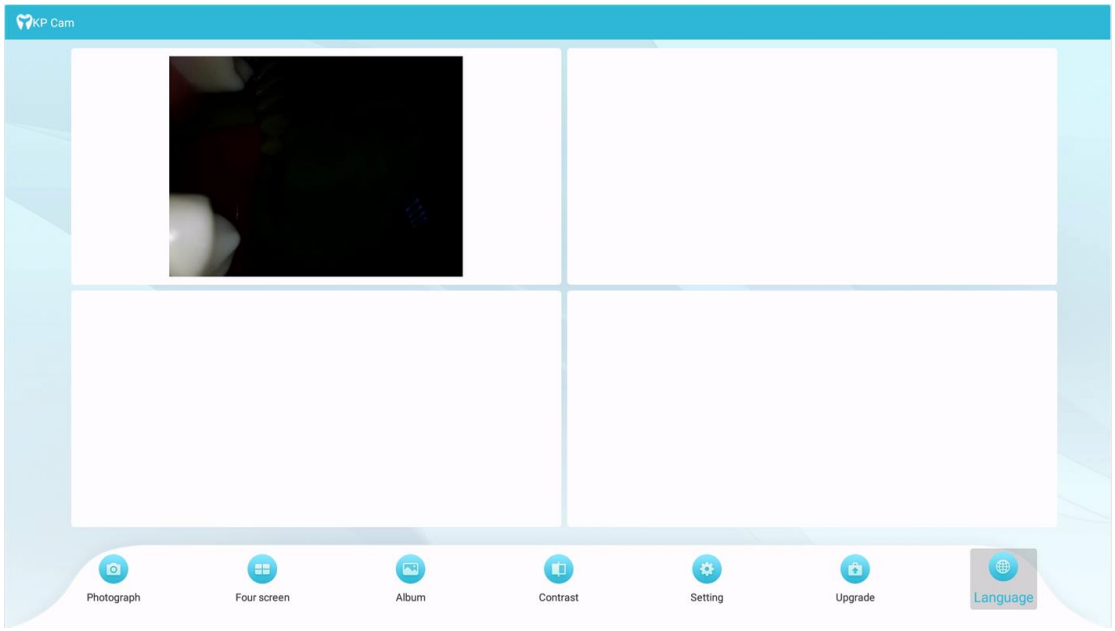
If the new version is not detected, it will prompt that it is the latest version.

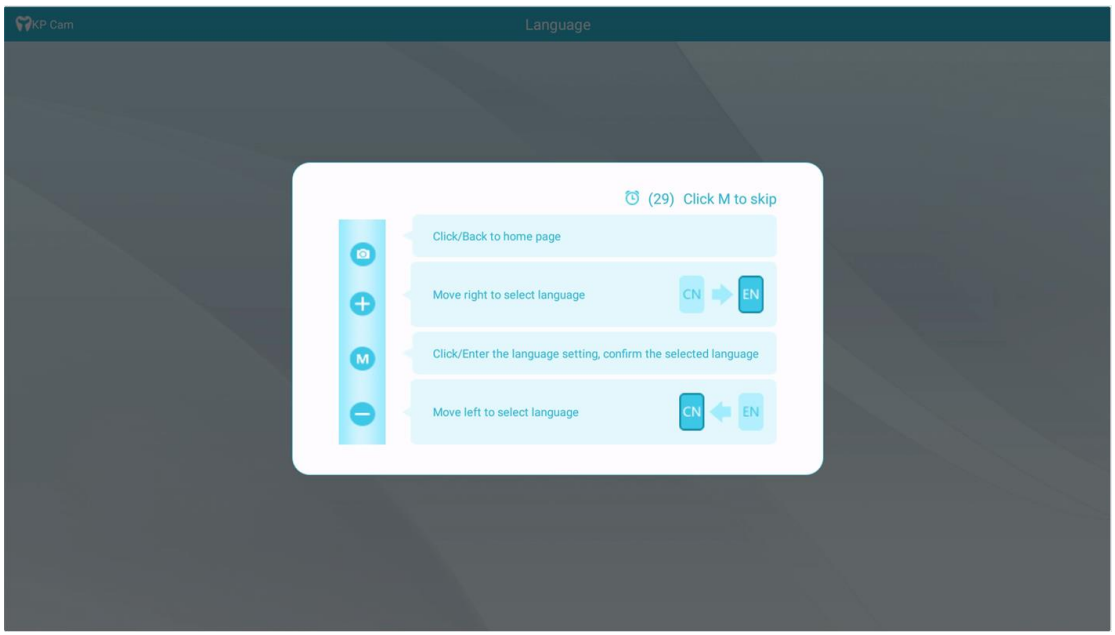


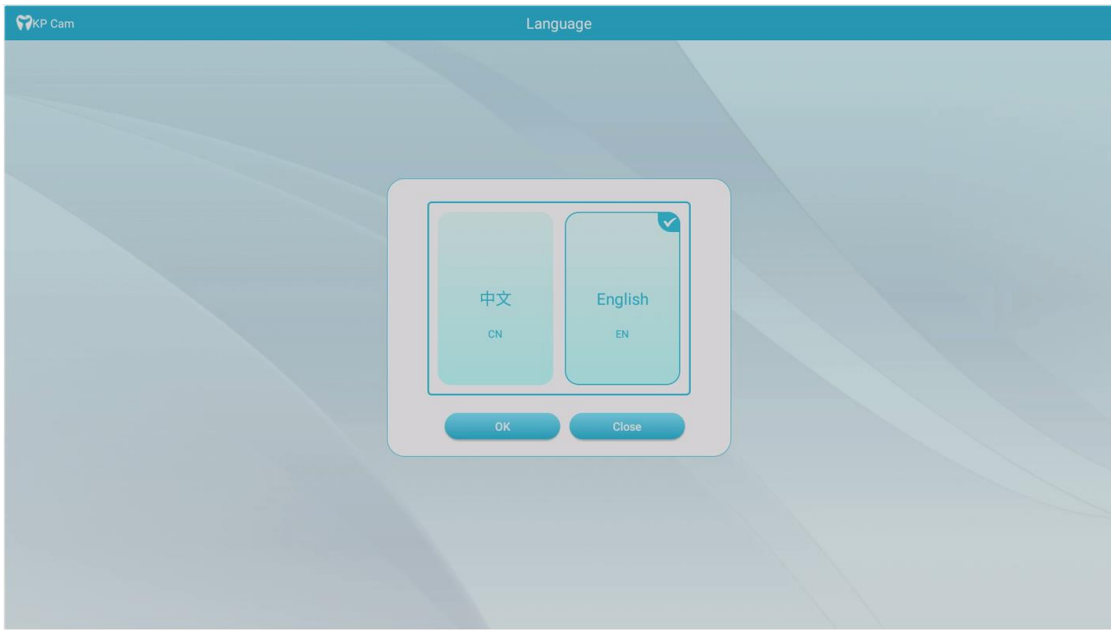
8.7 Language

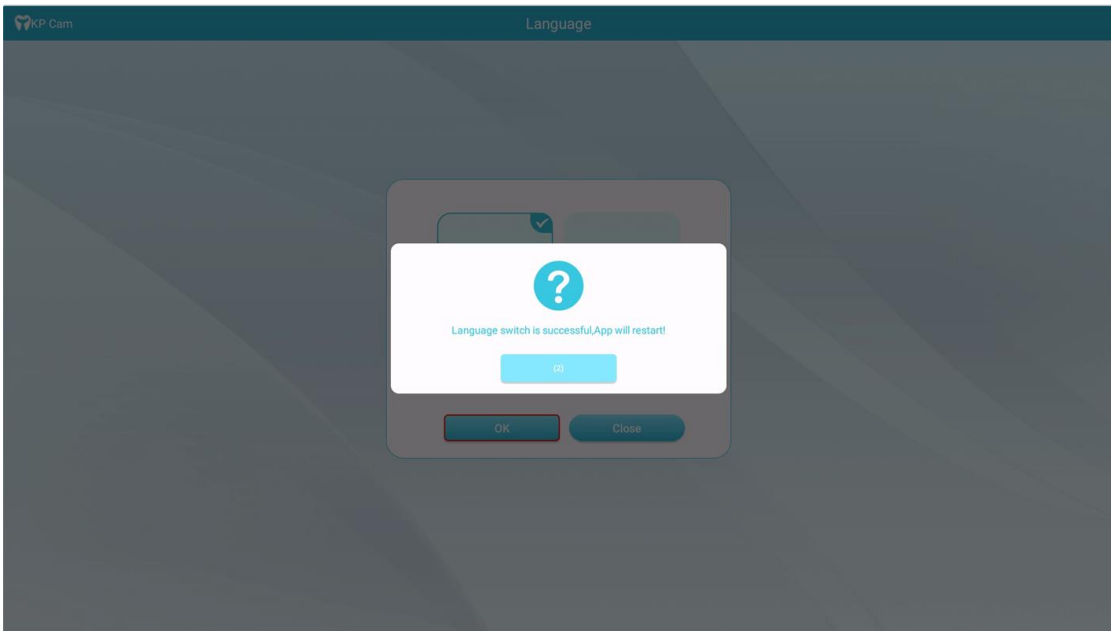
Use the + and - keys to move the lower menu bar, select the language button in the menu bar, and click the M button to enter the language page. After entering the language page, use the M key to enter the language setting item, use the + key and the - key to move left and right to select the language, and click the M

key to confirm the language selection. After the language is set successfully, the software will automatically restart and the settings will take effect.









9. Training and Maintenance

After the user purchases this product, the dealer will come to train the operators. If you still have questions, you can contact the dealer. In addition, the user may not change the intended use of the product and software.

When there is a problem with the equipment or software, please contact the dealer. The dealer will contact our company and our company will arrange

professional personnel to perform maintenance.

10.Other

When using equipment and software, please use it under good light so as not to affect the viewing of image details.