

USB HD Intelligent Skin Analyzer

BS3+U

User manual



Introduction

Intelligent skin analyzer is used to analyze the skin, with professional skin analysis software to help doctors, beauticians, and healthcare workers observe facial skin health status, view zoomed images taken by the camera. With images comparison, or data analysis, there is a quick access to know their facial skin health. Professional intelligent skin analyzer can automatically analyze the facial skin oil, fine lines, stains, dull, pores, red blood, acne, moisture condition, etc. These eight data analysis results show the condition of skin and give corresponding suggestions, directly make the users to understand the health status of the users' own skin, with the results of automatic analysis and suggestions from it, the users get timely care, to keep their skin remaining youthful, healthy and beautiful!

BS3+U HD Intelligent Skin Analyzer is equipped with professional skin analysis and testing software, to examine facial skin, make images comparison, data analysis, and show results and suggestions, very convenient for use. For more detail, please read the product introduction.

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Note: Intelligent Skin Analyzer is not suitable for analysis of black skin

Specifications:

Model.: **BS3+U** (HD intelligent skin analyzer)

Master chip: dedicated master DSP

Magnification: 5X ~ 200X

Take pictures / videos: built-in

Auxiliary light source: 8 white LED lights

Static resolution: 640x480

Imaging distance: manual adjustment 0 ~ 40mm, other distance can be customized

Fixed base: special base

Professional intelligent skin analysis and testing software

Support system: Windows 7 64-bit, Windows 8 64-bit, Windows 10 64-bit

Connection: USB interface

Power supply: USB (5V DC)

Dynamic Frames: 30f / s Under 600 LUX Brightness

Illumination range: 0 ~ 30000LUX wire control adjustable

Supported languages: Simplified Chinese, Traditional Chinese, English (other languages need to be customized)

Product color: pearl white, other colors can be customized

Main body size: 144mm (L) * 37mm (D)

Package weight: 500g

Tips: The intelligent skin analysis system is in exquisite requirements of computer configuration, currently only supports WIN 7 64-bit, WIN 8 64-bit, WIN 10 64-bit computer system operation, otherwise not.

Safety warnings and precautions:

1. Do not disassemble the product to avoid static breakdown of chips inside.
2. Do not use alcohol and other organic solvents to clean the product.
3. Do not touch the lens with fingers to prevent scratches and leave dirt on it.
4. Outdoor use should avoid high temperature and high humidity environment, to prevent electronic devices short circuit.

This product is not waterproof, please avoid rain and water.

5. The use of this product and storage temperature range: 0 ° C ~ 40 ° C, relative humidity: 45% RH ~ 85% RH
6. If you accidentally drop something or water / liquid into the inside of the product, immediately disconnect the power and send to the repair center, do not deal with it on your own.
7. The default pictures for comparison are for reference only, the user can replace them.

Accessories Description

1. USB high-definition skin analysis detector (1PCS)
2. Dedicated base(1PCS)
3. U disk dongle (1PCS)
4. Paper manual (1 PCS)

Software Installation Instructions:

First, Windows system (on computer) software installation

Tips: To install intelligent skin analyzer software, please exit the antivirus software before installation, while the anti-virus software will hinder installation process, and may cause the installation error and installation failure.

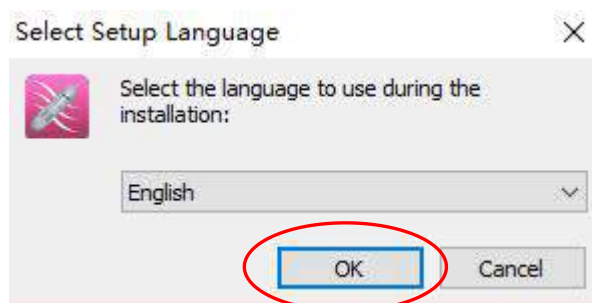
1. Copy or type this link:

<http://share.fvw.me/?f=6wdmax>

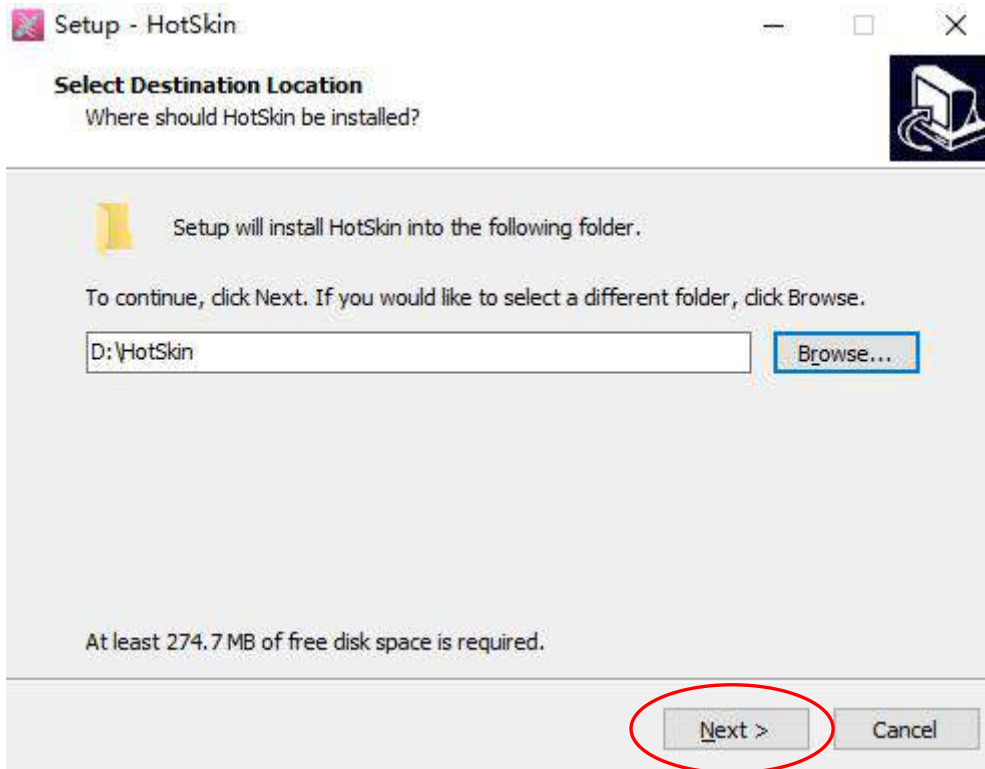
into the web browser on the computer, and press “Enter” on the keyboard to download the application, extract it, and refer to the following steps, continue for the software installation.



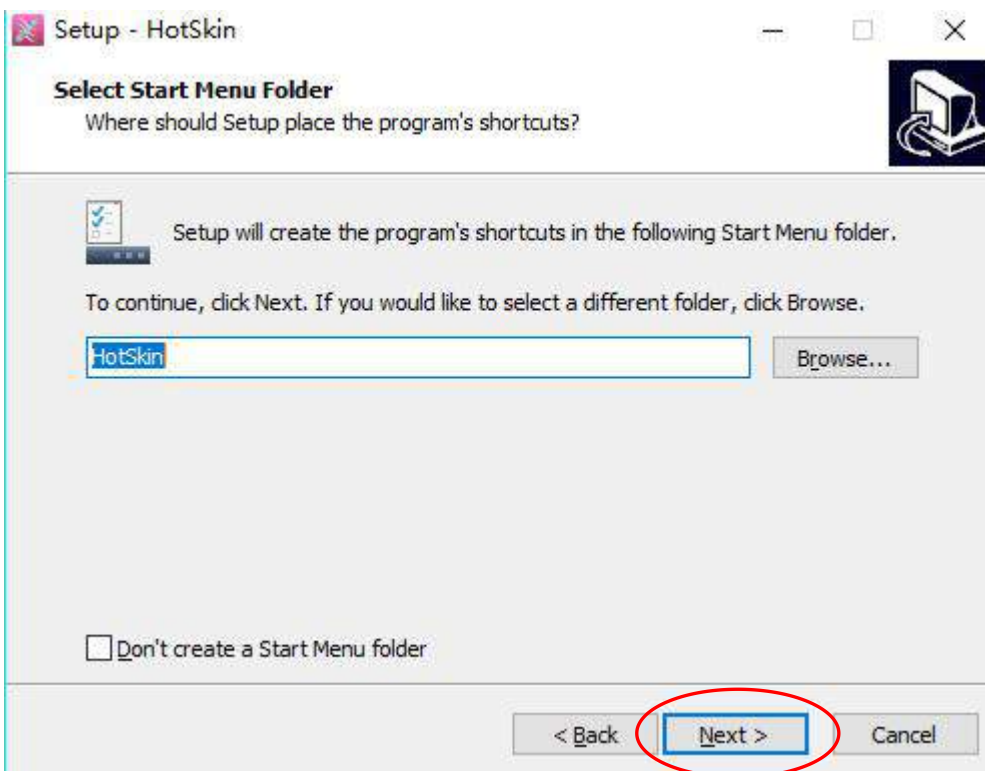
2. Double-click the application "HotSkin"



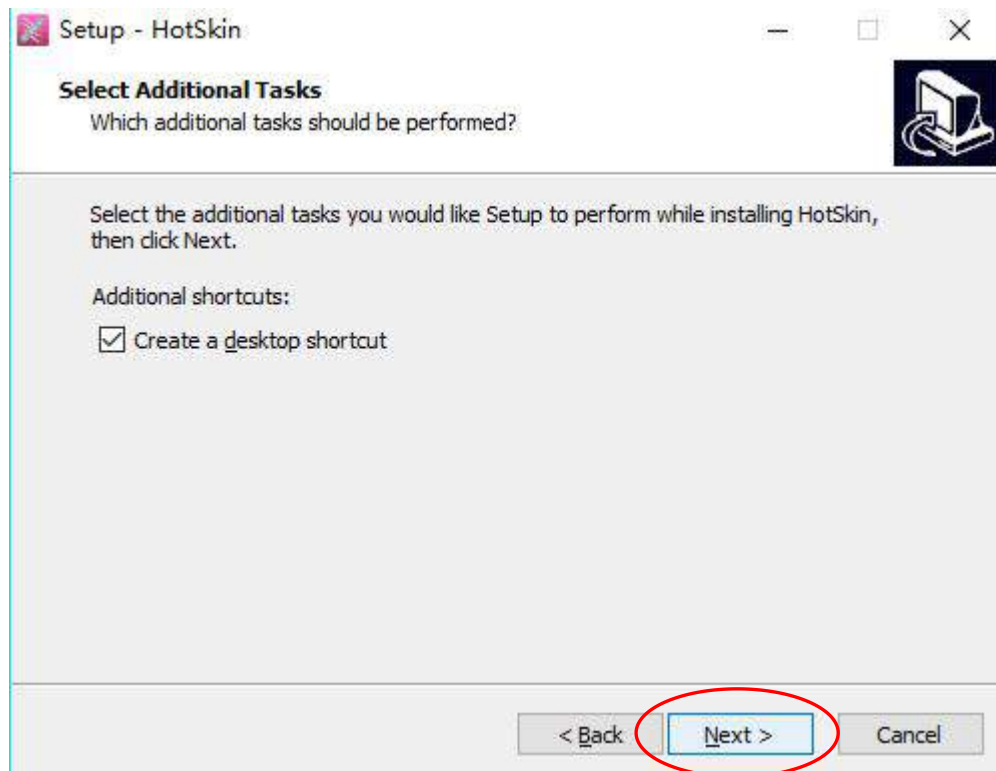
In the pop-up window, click the "OK" button



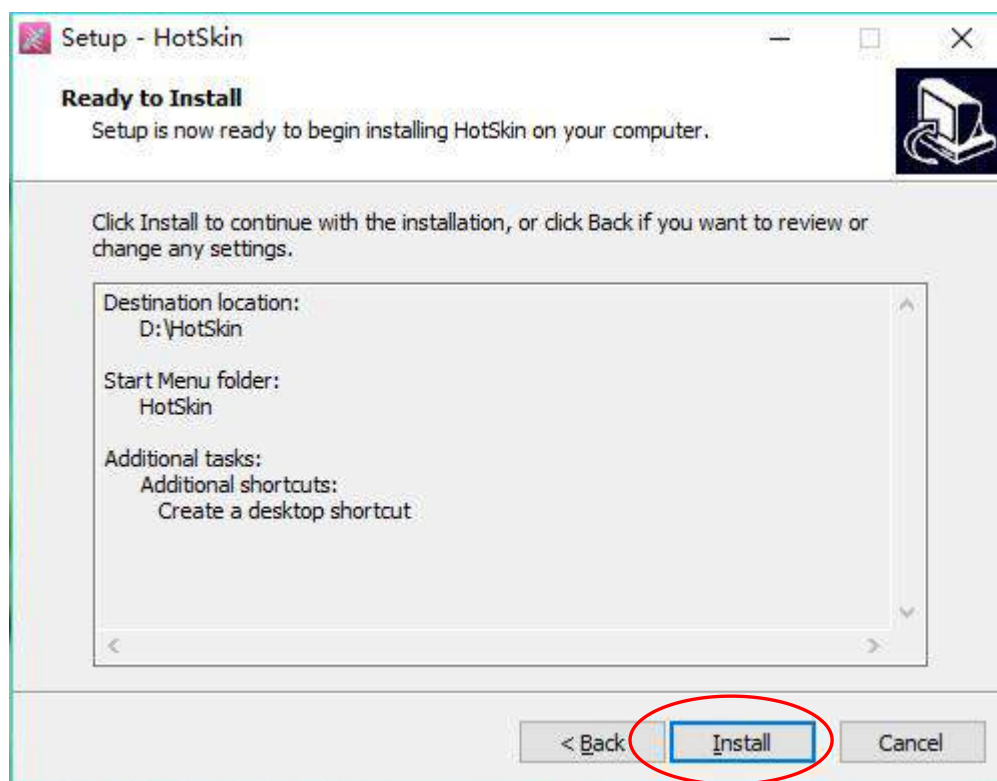
3. In the pop-up window, click the "Next" button.



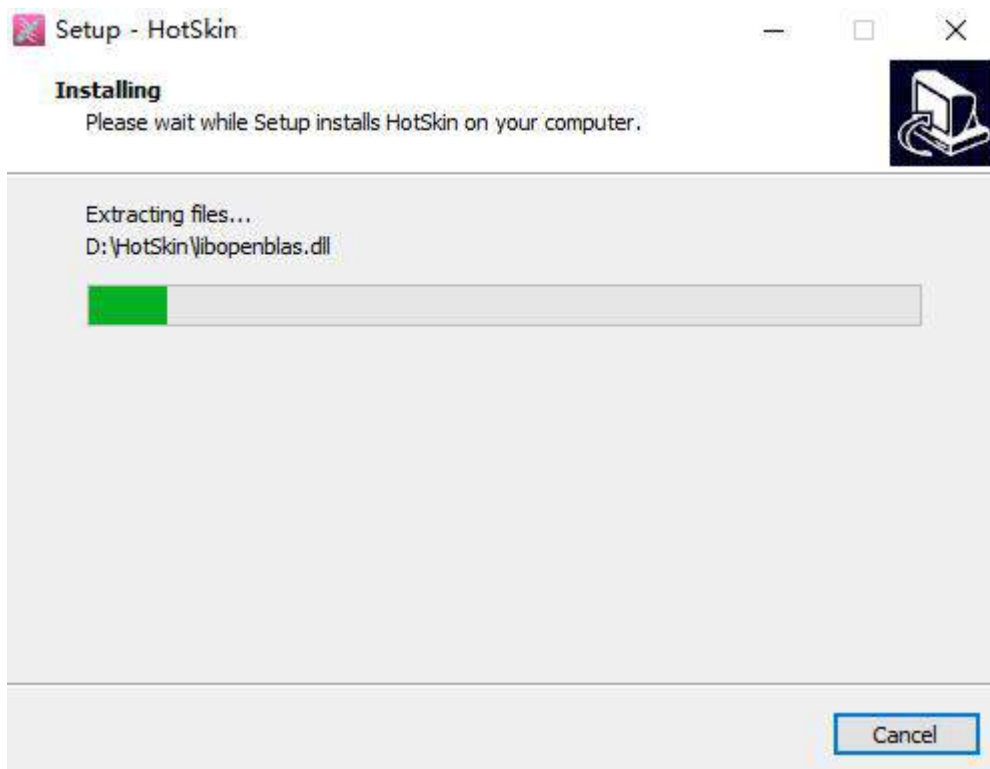
4. In the pop-up window, click the "Next" button.



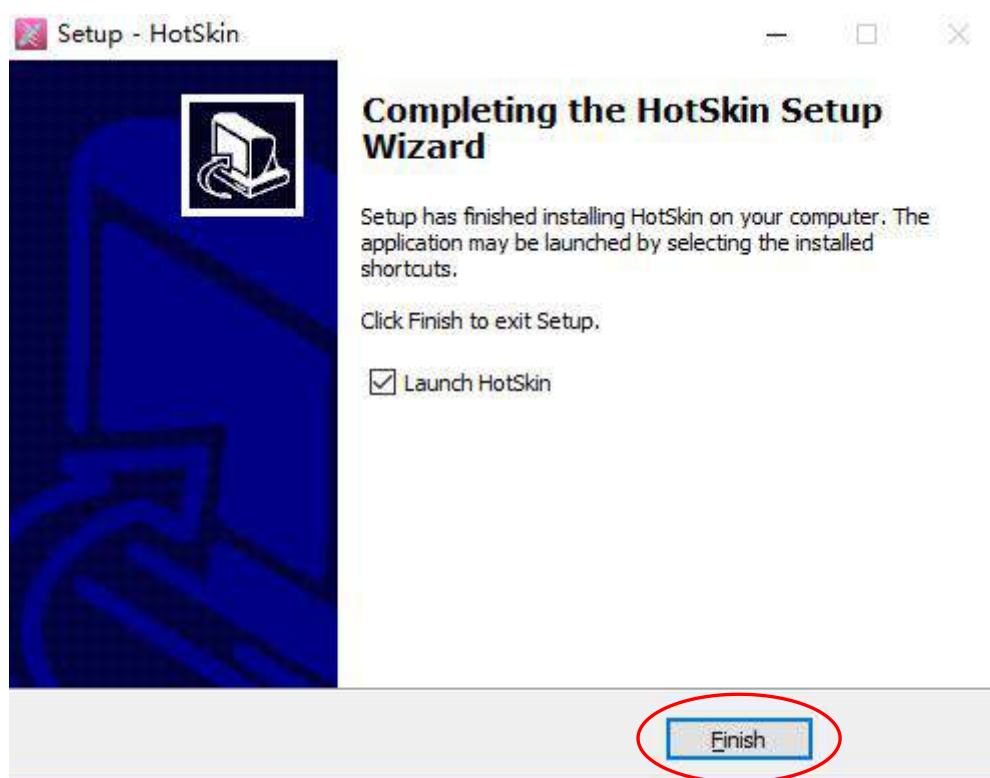
5. In the pop-up window, click the "Next" button.



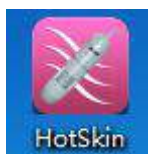
6. In the pop-up window, click "Install" to install.



7. In the pop-up window, wait for the installation process to complete.

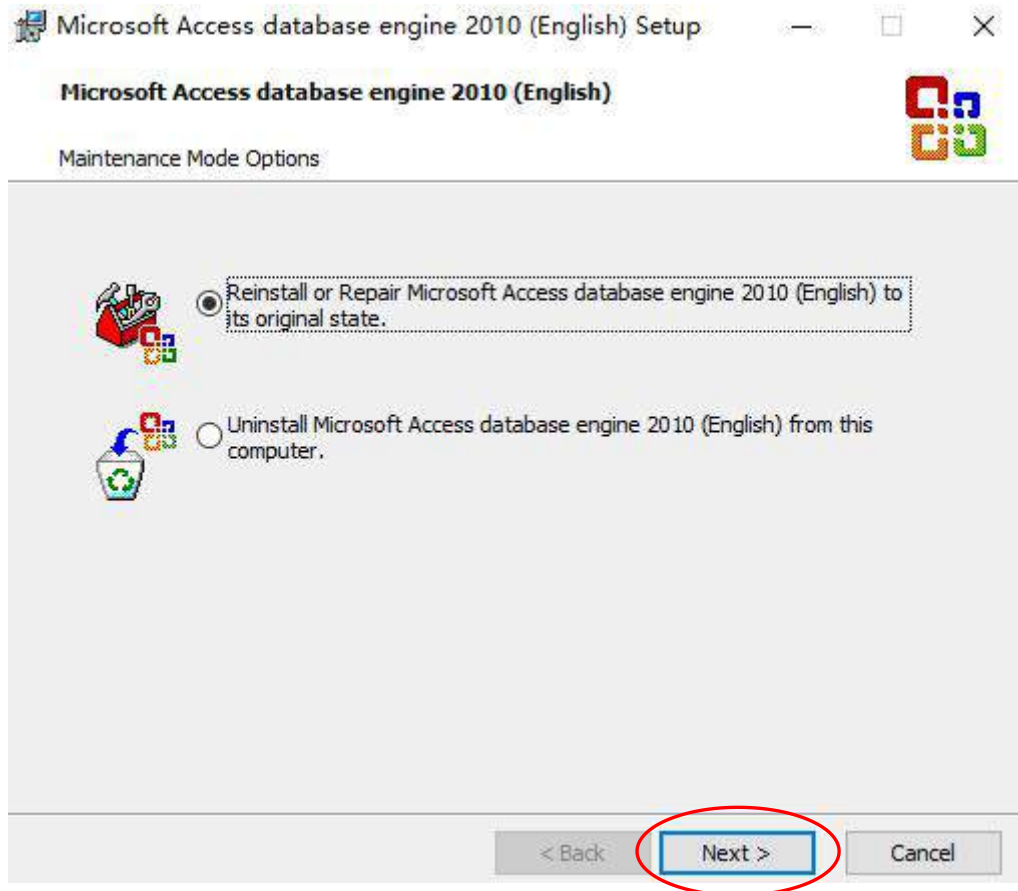


8. In the pop-up window, click "Finish" until the software installation is complete, on the computer desktop the software icon

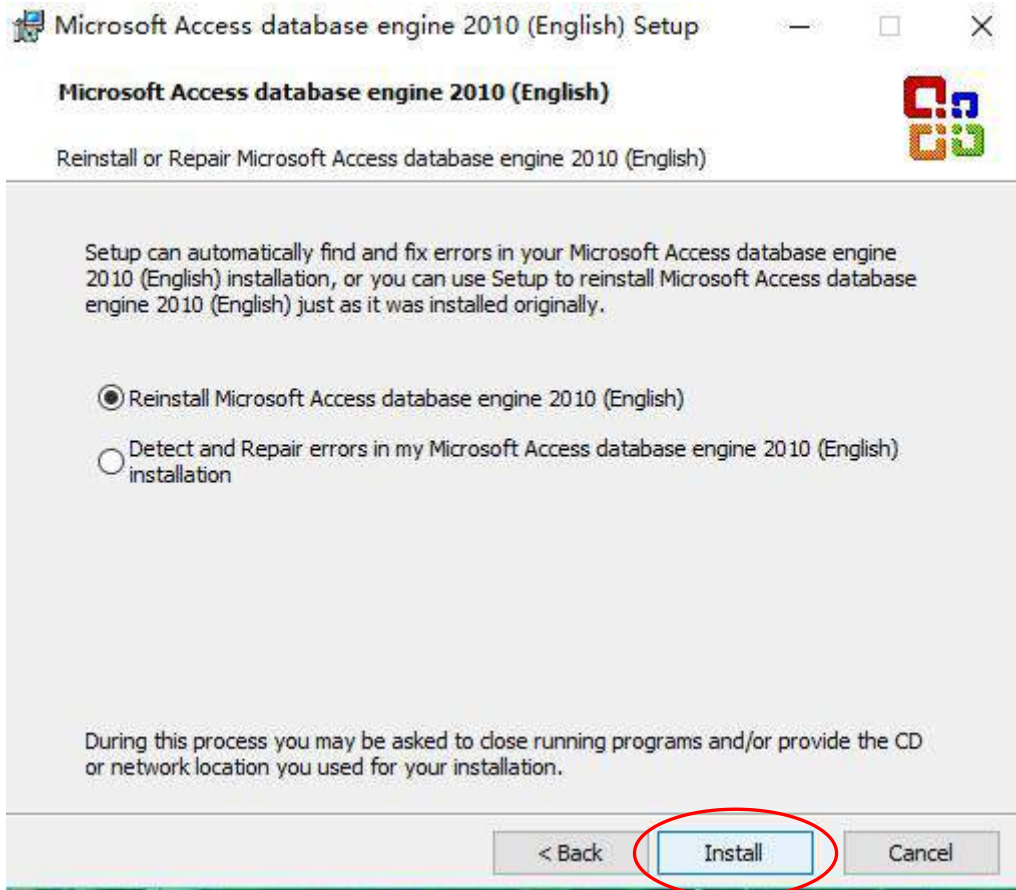


will appear.

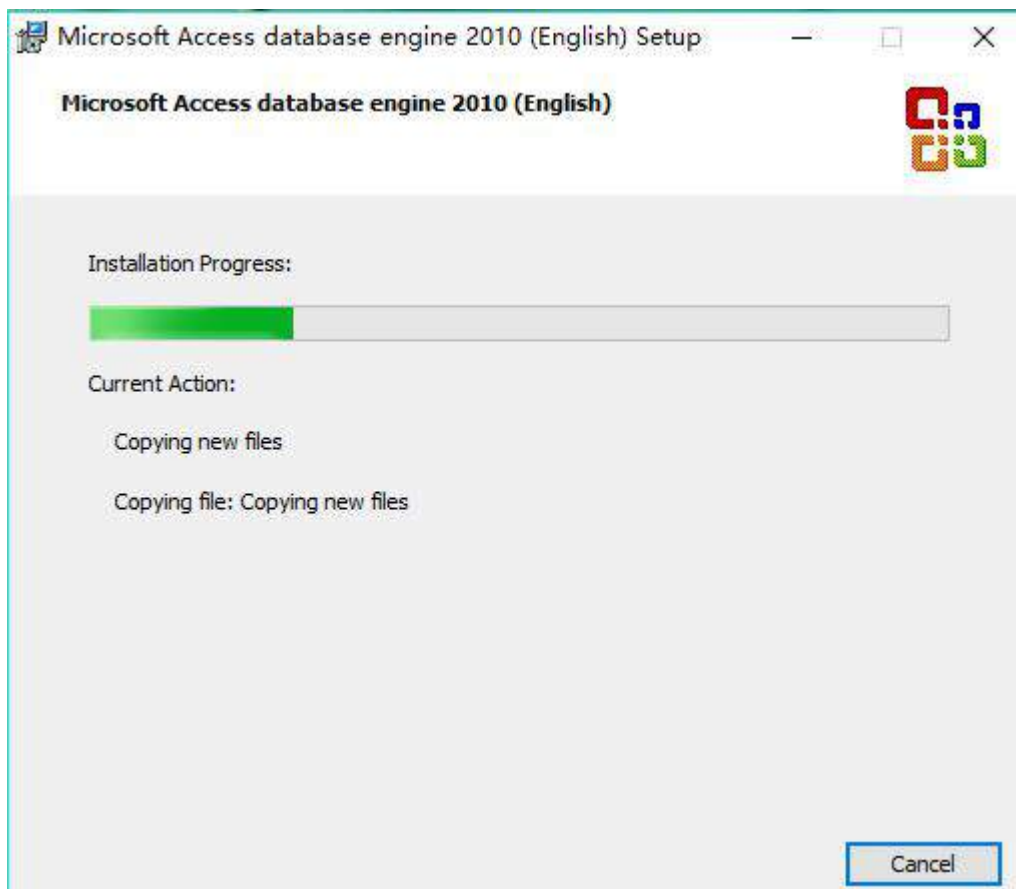
9. In the process of installing the software, it will pop up "Database Driver" as an installation tip, which is the relevant driver for member archiving, system settings and edit in the intelligent skin analysis system. Please refer to the following steps to continue the installation.



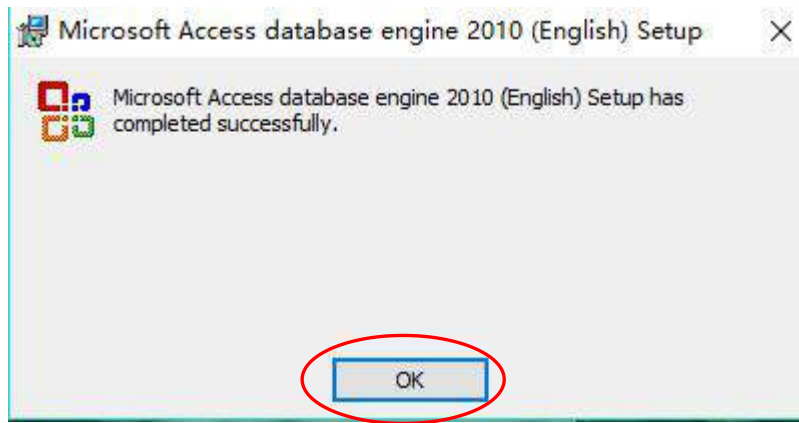
1. In the pop-up window, click "Next" button.



2. In the pop-up window, click "Install" button.



3. Wait for the installation process to end.



4. Click "OK" to finish the installation.

Software use instructions

1. Connect the golden U disk dongle

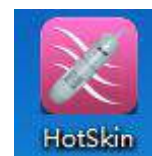


and the intelligent skin analysis detector to computer's USB

ports, turn on the LED light switch to "ON" software.

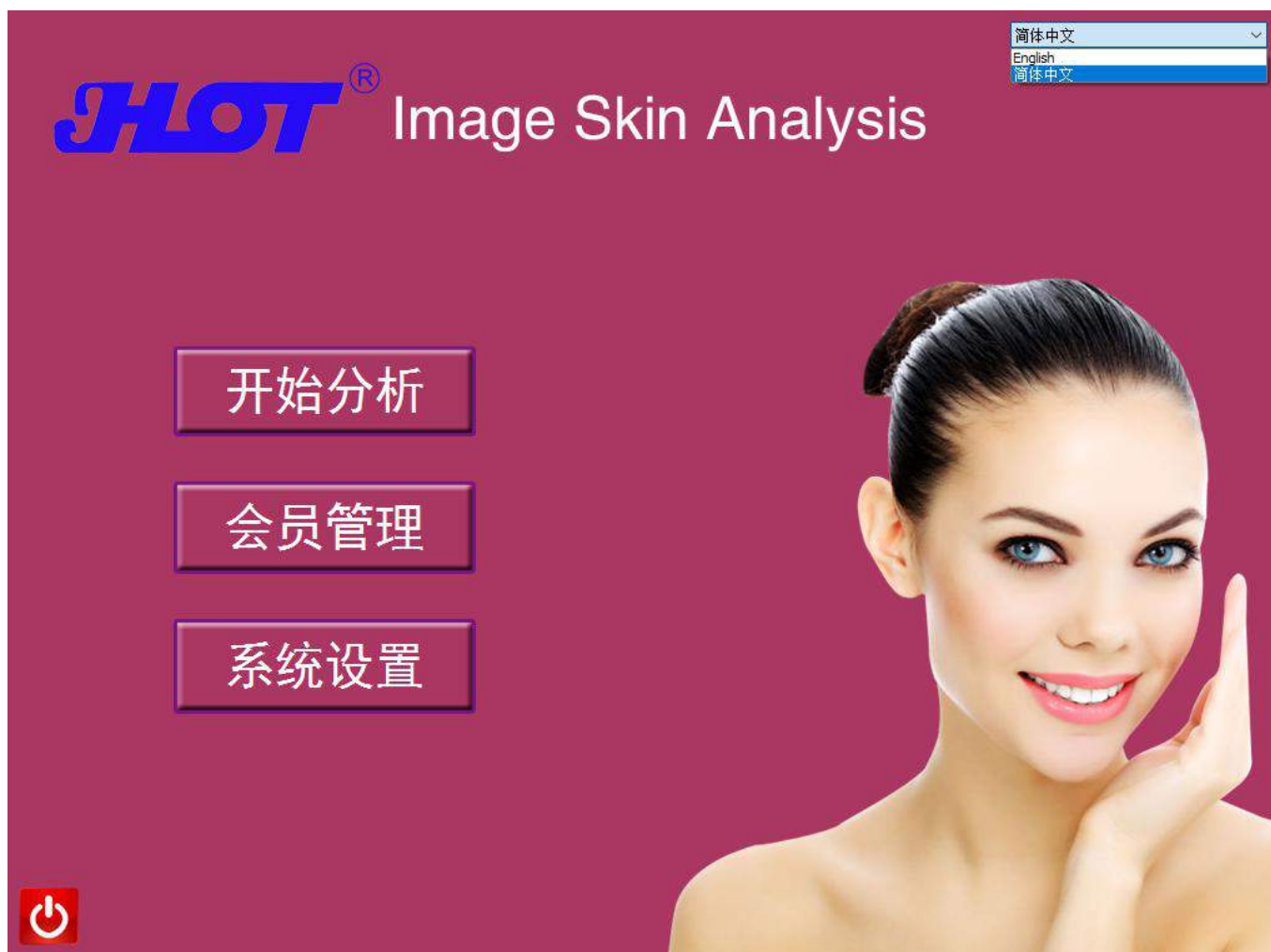


double-click the desktop icon

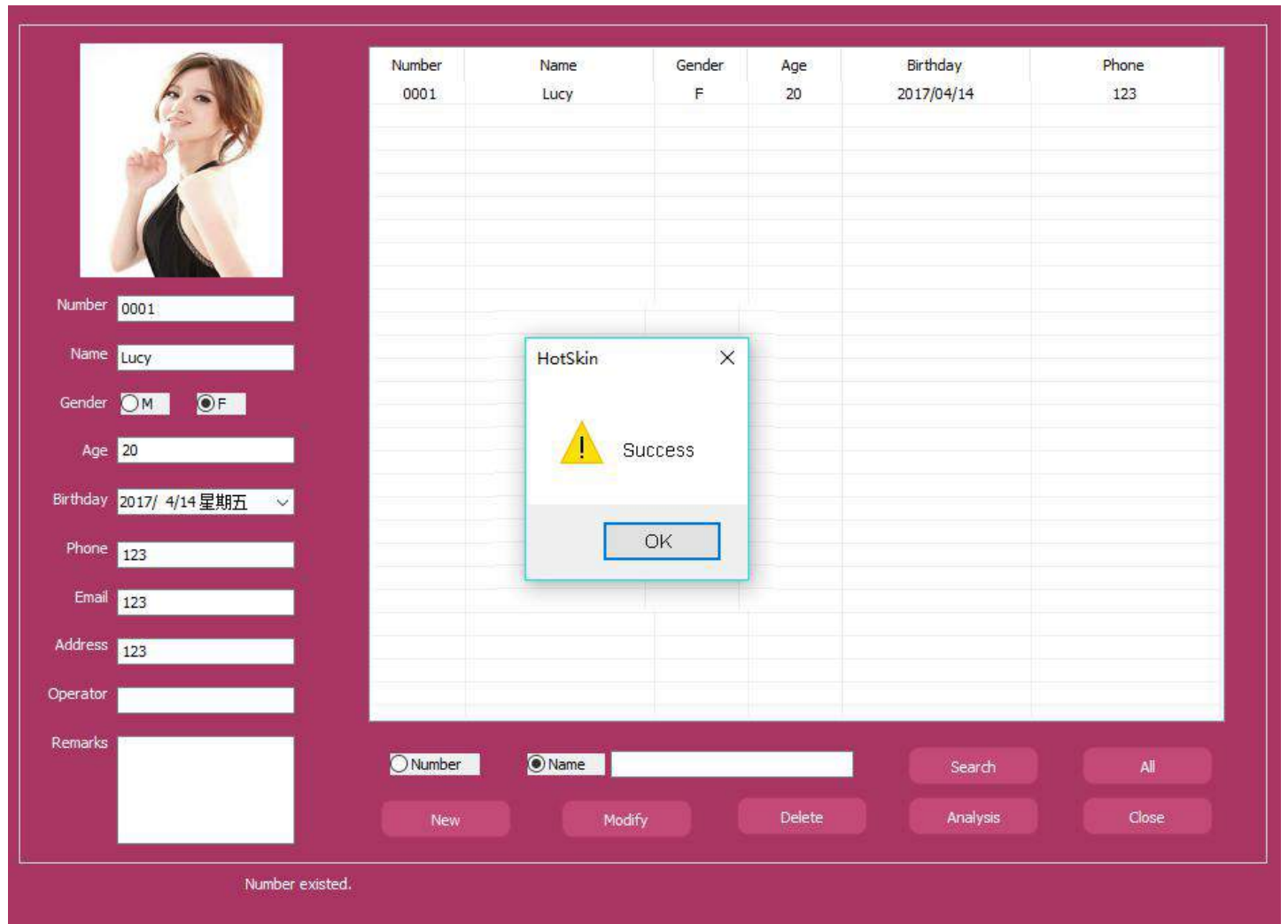


to open the

2. After the program is opened, select the language on the upper right corner.



3. In the case of non-registered member and not need to archive, just to click "Analysis" button to enter the intelligent analysis interface. If you want to archive the customer's information, please click "Member" to enter the archiving function. After entering the customer information on the left column, click "Modify" button below, pop-up "Success" window, and click "OK" that means the current customer data saved successfully.



The screenshot displays a web application interface for managing customer information. On the left, there is a profile card for a woman with a photo and a form containing the following fields: Number (0001), Name (Lucy), Gender (Female), Age (20), Birthday (2017/4/14 星期五), Phone (123), Email (123), Address (123), Operator, and Remarks. The main area features a table with columns for Number, Name, Gender, Age, Birthday, and Phone, containing the data for the customer 'Lucy'. A 'HotSkin' dialog box with a yellow warning icon and the text 'Success' is centered over the table, with an 'OK' button. At the bottom, there are search and action buttons: 'Search', 'All', 'New', 'Modify', 'Delete', 'Analysis', and 'Close'. A status message 'Number existed.' is visible at the bottom left.

Number	Name	Gender	Age	Birthday	Phone
0001	Lucy	F	20	2017/04/14	123


HotSkin

! Success

OK

Number existed.

4. On the right side select the customer's information in need of analysis, and click "Analysis" button below the program to enter the analysis interface.



Number

Name

Gender M F

Age

Birthday

Phone

Email

Address

Operator

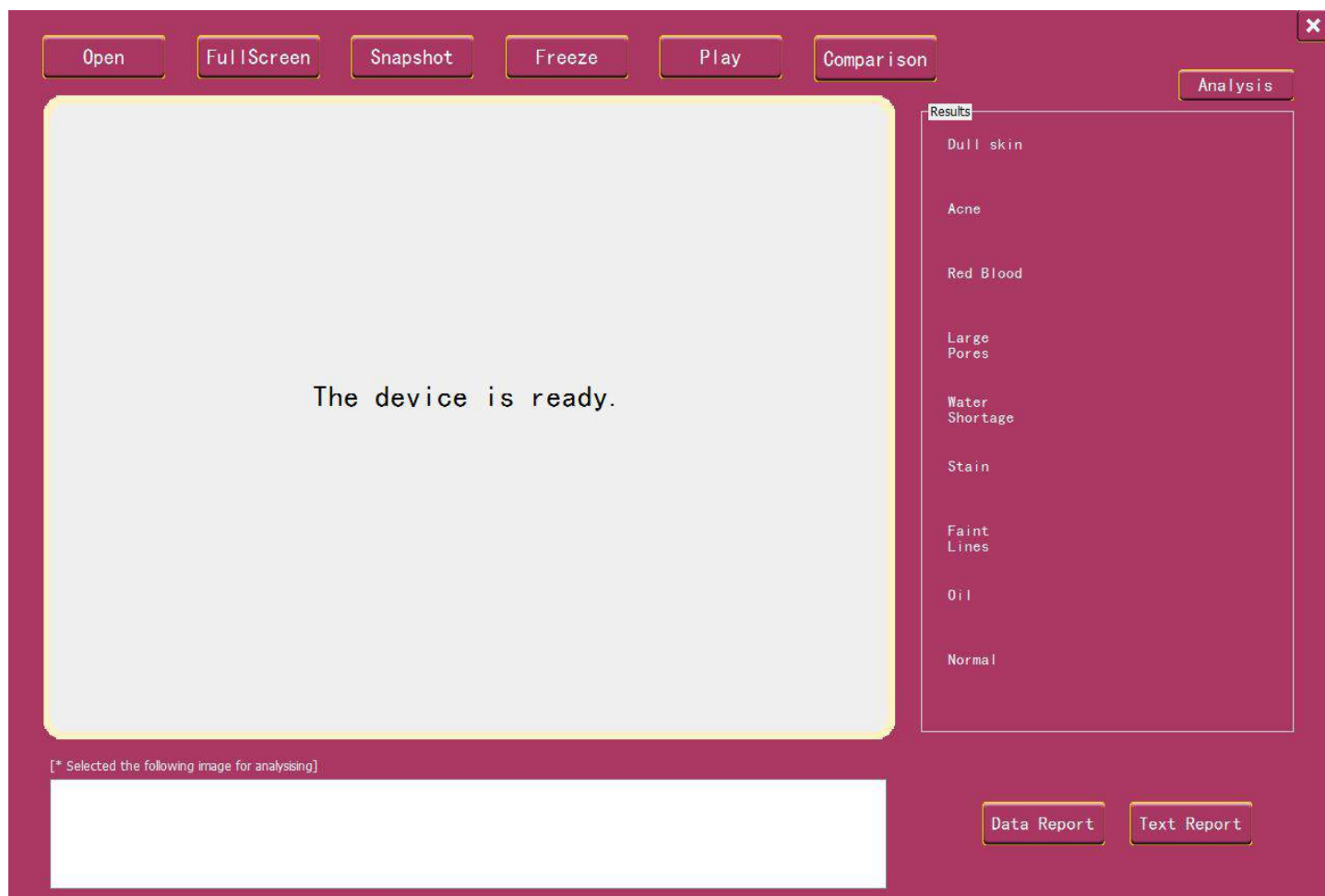
Remarks

Number	Name	Gender	Age	Birthday	Phone
0001	Lucy	F	20	2017/04/14	123

Number Name

please select a user first!

5. Enter the analysis interface, the product connected to the computer, the interface will display "The device is ready".



6. Double-click "Open" button to display the image, and turn the white knob, fine-tune to 50 times for the clear image, to freeze the image, play, take pictures and save; the pictures in four grid comparison; in the main window below to select an image needed to analyze, click "Analysis" button on the upper right corner, to intelligently analyze the eight skin datas, click "Data Report" or "Text Report" button, to display the corresponding analysis results.

Open FullScreen Snapshot Freeze Play Comparison Analysis

Results

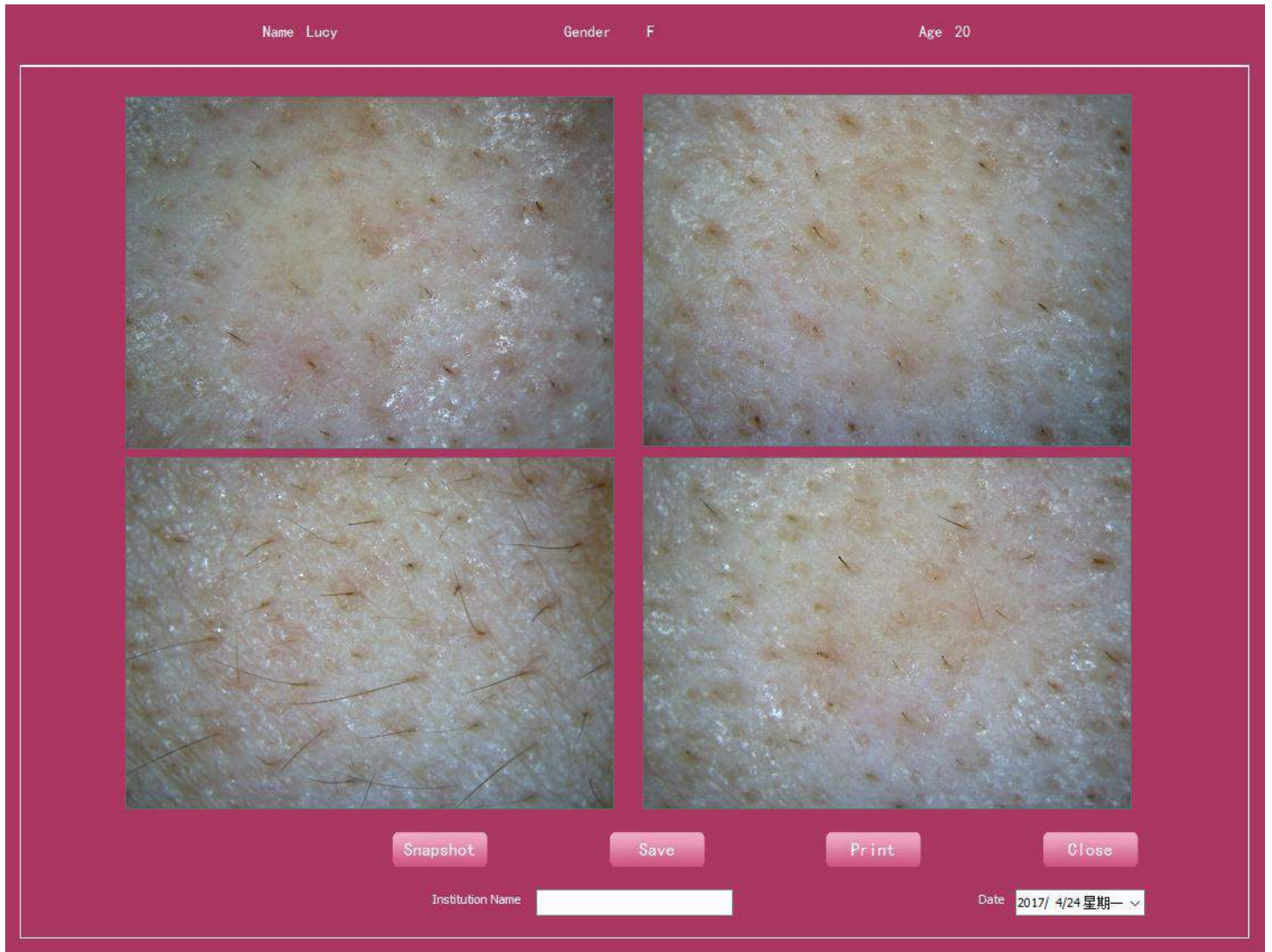
Dull skin	0.25%	
Acne	6.51%	
Red Blood	21.62%	
Large Pores	3.81%	
Water Shortage	8.65%	
Stain	0.58%	
Faint Lines	0.75%	
Oil	25.43%	
Normal	32.41%	

[* Selected the following image for analysing]

20170424105131.bmp 20170424105121.bmp 20170424105118.bmp 20170424105110.bmp

Data Report Text Report

7. Pictures interface in the form of four sub-grid to see the contrast, if there are four or more pictures in the main interface, open the interface, it will display the recent four pictures, also when double-click the window, to re-select the images needed to compare.




8. Go to "Skin Data Report" and view the results and connect the printer to print the report.

Name Lucy Gender F Age 20


Skin Analysis Report

Dull Skin		0.25%	Good
Acne		6.51%	Good
Red Blood		21.62%	Less Good
Pore		3.81%	Good
Water Shortage		8.65%	Good
Brown Spot		0.58%	Good
Faint Lines		0.75%	Good
Normal		25.43%	Less Good
Oil		32.41%	

Sampling pictures 

Results: Your skin condition is slightly less good. Please insist on caring your skin more.

Institution Name

Date 2017/ 4/24 星期一 

9. Go to “Skin Text Report” interface, to view the results and connect the printer to print the report; to choose different reports of skin analysis is available.

Name Gender Age

Skin Analysis Report

Dull SkinAcneRed BloodPoreWater ShortageBrown SpotFaint LinesOils

0.01%–9.99%

Good

10%–19.99%

Normal

20%–30.99%

Less Good

40%–69.99%

Poor

70%–100%

Bad

Results

Detect your skin condition very well	Your skin condition detected is ordinary. Please pay more attention to skincare	Your skin condition is slightly less good. Please insist on caring your skin more	Your skin detected is in poor condition. Please turn to appropriate physical therapy and skincare	Your skin detected is in bad condition. Please consult doctors and get medical treatment
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Recommendations for

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Save Close

Institution Name Date 2017/ 4/24 星期一

10. Click "Settings" on the main interface, to edit text report in the "Results" and "Recommendations for", printed text report will be updated with the program report .

Name Lucy Gender F Age 20

Skin Analysis Report

Dull Skin Acne Red Blood Pore Water Shortage Brown Spot Faint Lines Oils

0.01%-9.99% Good 10%-19.99% Normal 20%-30.99% Less Good 40%-69.99% Poor 70%-100% Bad

Results

Detect your skin condition very well

Your skin condition detected is ordinary. Please pay more attention to skincare

Your skin condition is slightly less good. Please insist on caring your skin more

Your skin detected is in poor condition. Please turn to appropriate physical therapy and skincare

Your skin detected is in bad condition. Please consult doctors and get medical treatment

Recommendations for

Save Print Close

Institution Name _____ Date 2017/ 4/24 星期一

Product Image



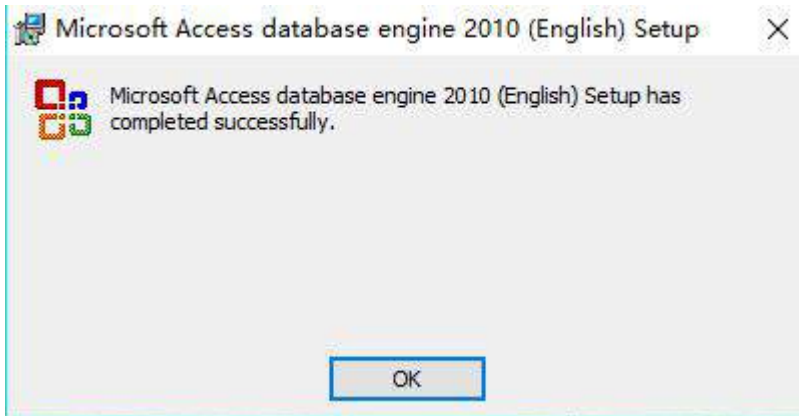
High-grade fine carton packaging



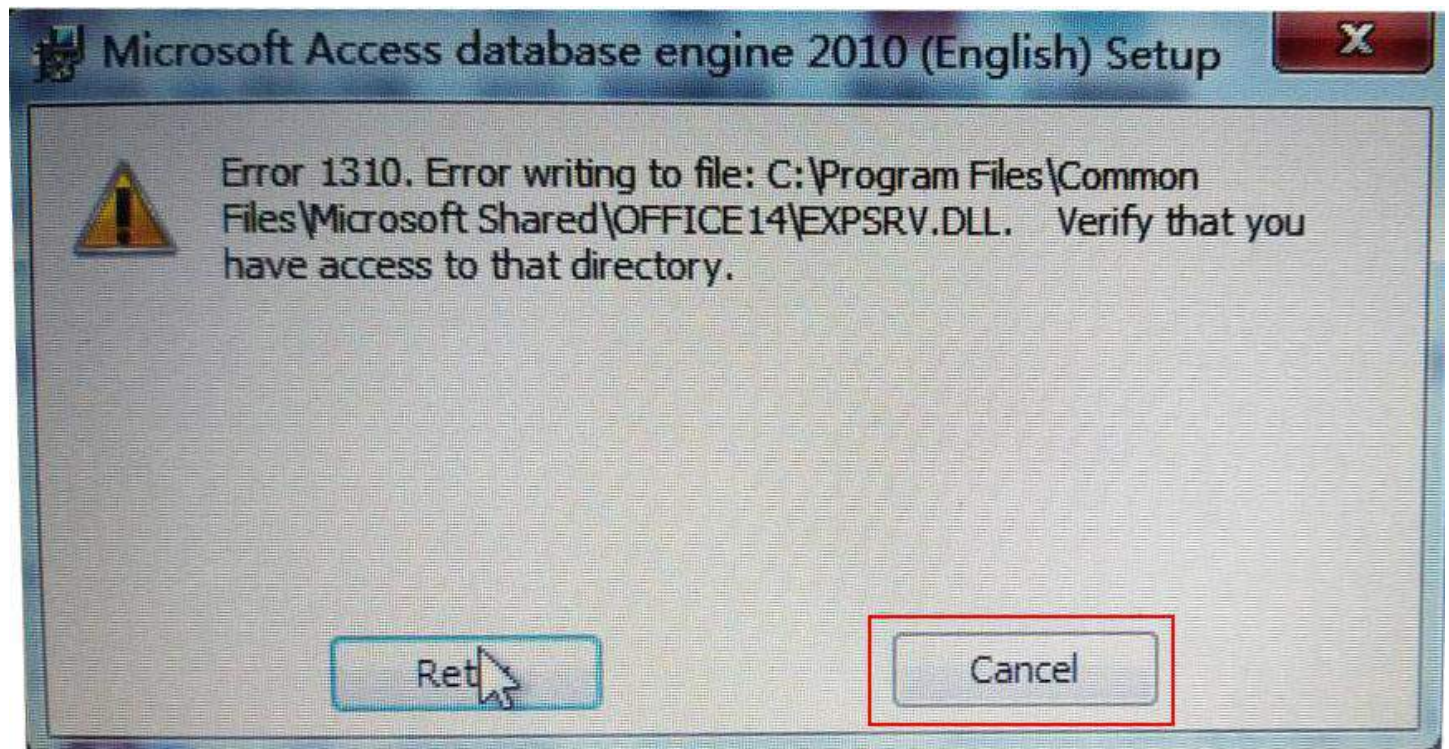
Box size: 25L * 10.5W * 7.5H (cm)

An error occurred in the software installation error solution

First: When the "Database Driver" installation is complete



If the following dialog box is displayed, click "Cancel"





Second: When HotSkin was installed successfully, Double-click the desktop shortcut, The following .dll file is missing, System error dialog box



Please refer to the following ways to solve

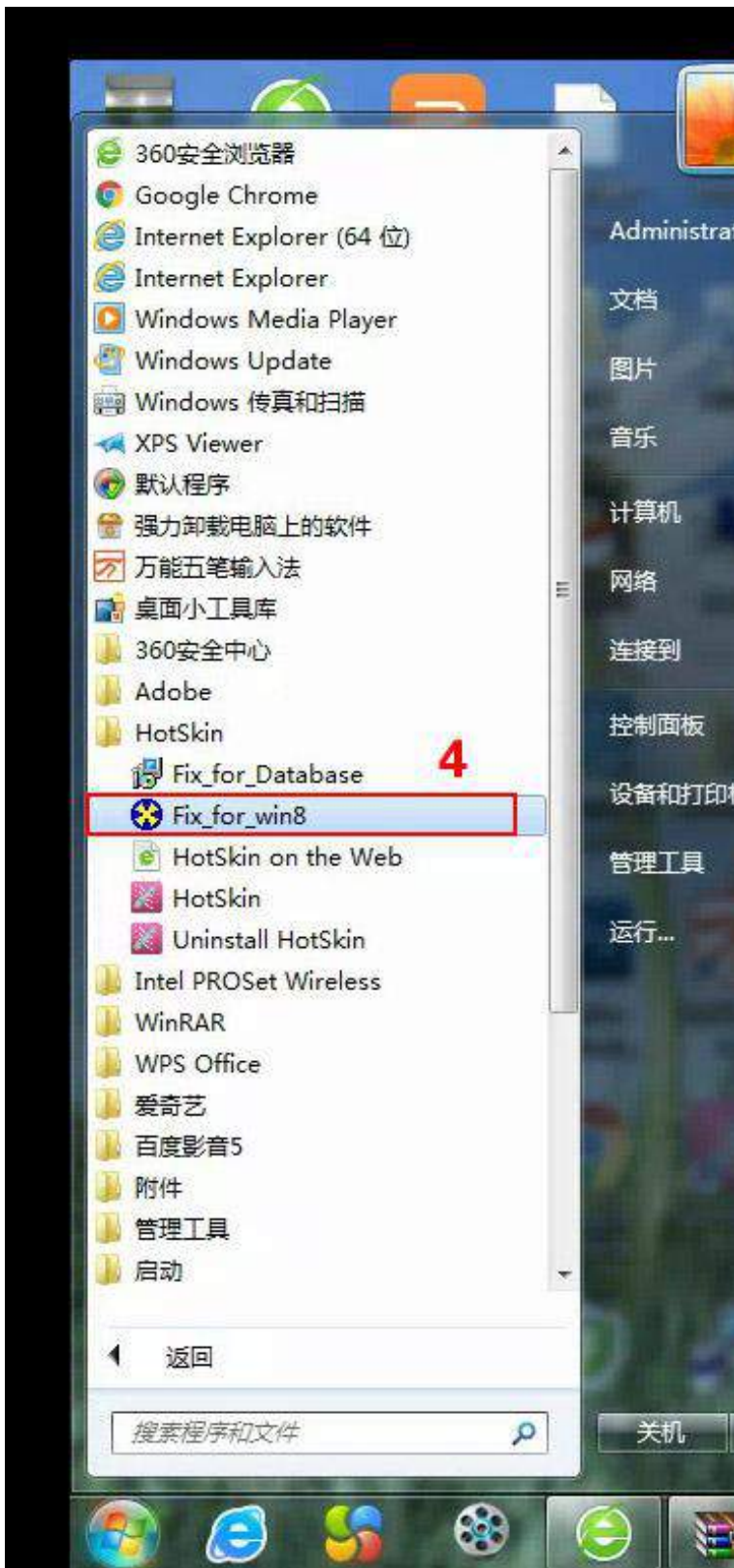


Take WIN 7 64-bit operating system as an example, WIN 8 64-bit, WIN 10 64-bit, the same applies to this method, In the lower left corner of the computer, Click on the red box on the top

of the box to start the menu bar, Then click Red Frame 2 for all the programs

Click to open the red box 3 "HotSkin" folder





Double-click the red box 4, Fix_for_win8 fix the missing version of the computer system missing files

Some computers do not have .NET Framework4 components installed, or if the component version is too low, When you double-click Fix_for_win8 for system file repair, The following initialization error dialog box will pop up, Can not be automatically repaired, Please download the installation components in the following manner, If this dialog box does not pop up, Please skip this step, Directly in the pop-up dialog box click on the "detection and repair" waiting for automatic repair can be completed



You can search the .NET Framework4 download and install this component in the browser search bar, When downloading the components, see the supported system in the red box below, If you use the WIN 7 64-bit system, the red box to have WIN7, If using a WIN 8 64-bit or WIN 10 64-bit system, You have to see the red box WIN8 or WIN10 can be downloaded to

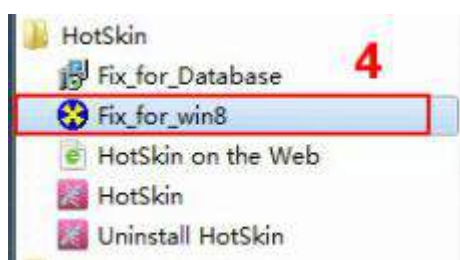


install

After downloading the application, double-click the program, follow the prompts to install



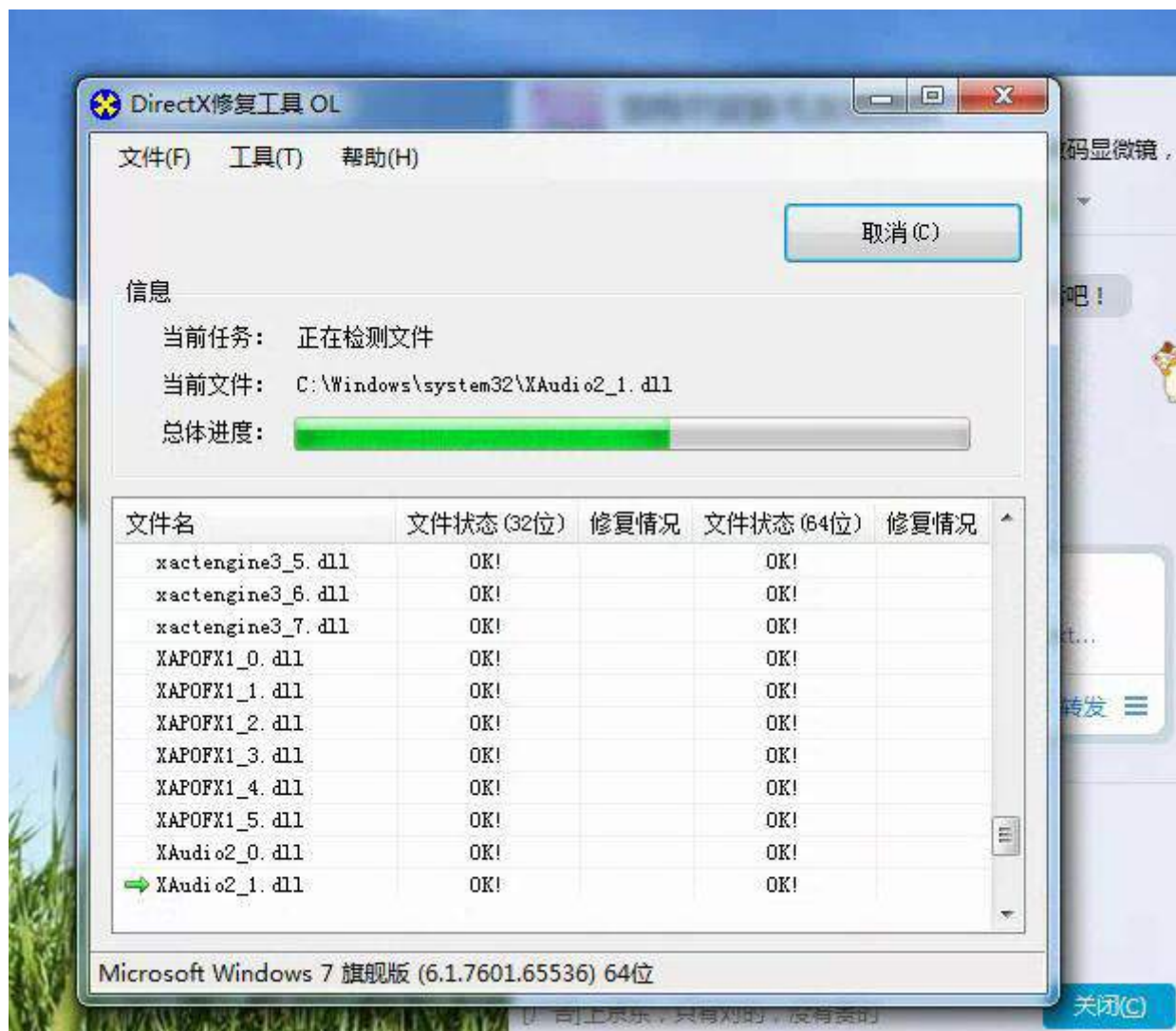
After installing the .NET Framework4 component, double-click Fix_for_win8



In the pop-up dialog box, click the red box 5 "detection and repair"



Waiting for automatic repair, repair is complete, double-click HotSkin software can be used normally



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