

Aidite

Rapid 3 Operation Manual



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1 Introduction to Software

1.1 Cameo launcher

Cameo scan software is installed on PC, including three modules: dental order system, scanning module and pre-design module.

Dental order system is a module for dental order management, realizing management functions such as order creation, editing, searching and deletion, and upload and share.

The scanning module collects oral digital images and exports 3D data in STL, OBJ and PLY formats.

The pre-design module is mainly to make it more convenient for users to use in the design software. Use this feature to extract edge and base edits.

1.2 Aidite intraoralscan cloud

Aidite intraoralscan cloud (hereinafter referred to as "cloud") is a platform for connecting clinical and technical workers. The platform provides register, change password, partner management, order management, file cloud storage, and other functions. On this platform, you can establish connections between labs, doctors and hospitals/clinics, manage orders, and maintain account information.

Visit the website at: <https://intraoralscan.aiditecloud.com>

2 System Requirements

Before installing and running the supplied software programs, your computer shall meet the following requirements:

Item	Classification	Description
CPU	/	Intel Core i7-9700 or above (Laptop i7-9700H or above)

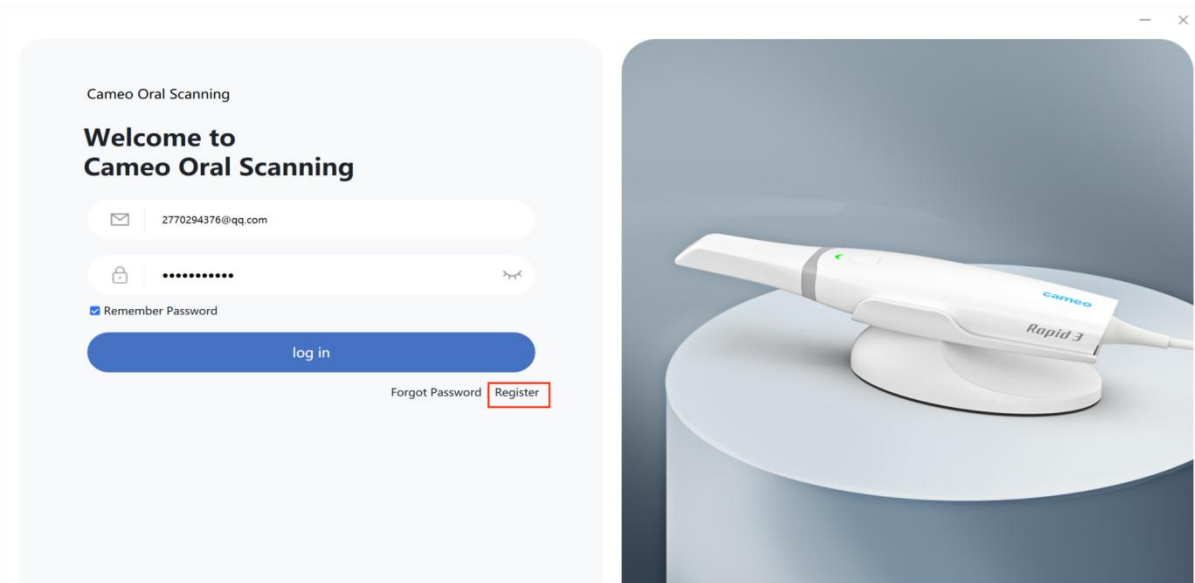
Video card and video memory	GPU	NVIDIA GeForce 3060GT or above graphics card
Video memory	/	8GB or above
Memory	RAM	16G DDR4 or above
Hard disk	/	256G SSD or 128G SSD +1T HDD
Operating system	Windows	Microsoft Windows 10 64 pro edition or above
Display resolution	/	1920*1080
Ports	/	USB 3.0, Type-C

3 Register and Log in

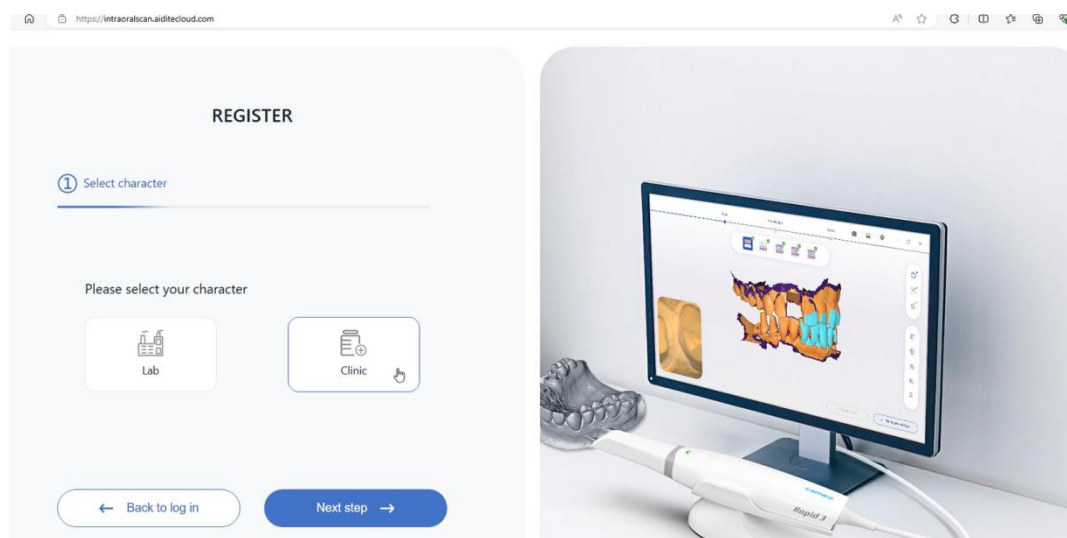
Open the software and enter the login interface.

3.1 Register

If there are no Aidite accounts, click "Register" enter the registration interface.



Steps 1: Select a role type: clinic or lab, and click "Next step". The clinic can send the order to the lab, and the lab can receive, download the order.



Steps 2: Select your region, organization name, email dress, password, and other information required. Click "Next step".

REGISTER

2 Fill in the basic information

Country
Armenia

Clinic Name
Aclinic

User Name
Tomj

← Previous step Next step →

The screenshot shows a registration form with fields for Country (Armenia), Clinic Name (Aclinic), and User Name (Tomj). A 'Next step' button is visible. To the right is a 3D dental model on a monitor.

REGISTER

3 Determine email password

E-mail
bigclinic001@163.com

Password

Confirm Password

← Previous step Next step →

The screenshot shows the password creation step. Fields for E-mail (bigclinic001@163.com), Password (masked with asterisks), and Confirm Password (masked with asterisks) are present. A 'Next step' button is visible. To the right is a 3D dental model on a monitor.

Steps 3: The software will send a verification email to your registered email address.

REGISTER

Congratulations!

A confirmation email has been sent to:
bigclinic001@163.com

Please check your email and follow the instructions to complete your registration and begin to use

Didn't receive a confirmation email? [Click to resend](#)

← Back to log in

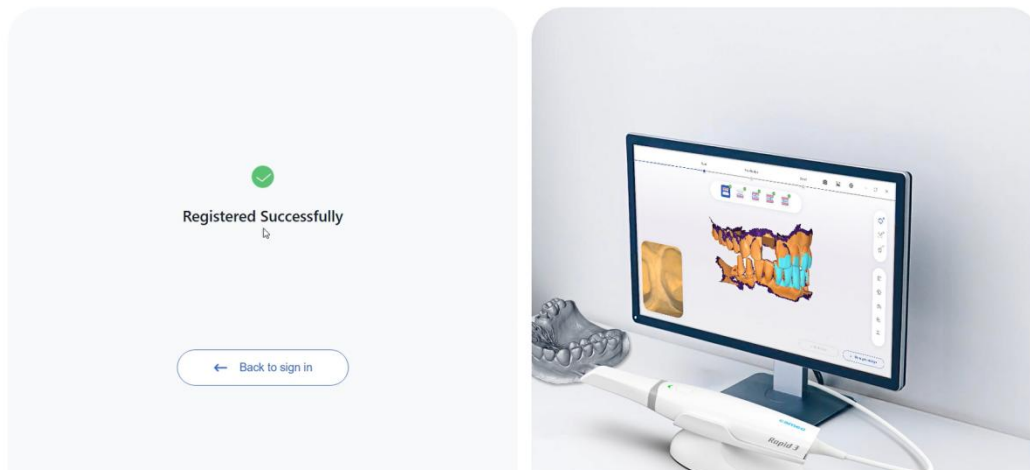
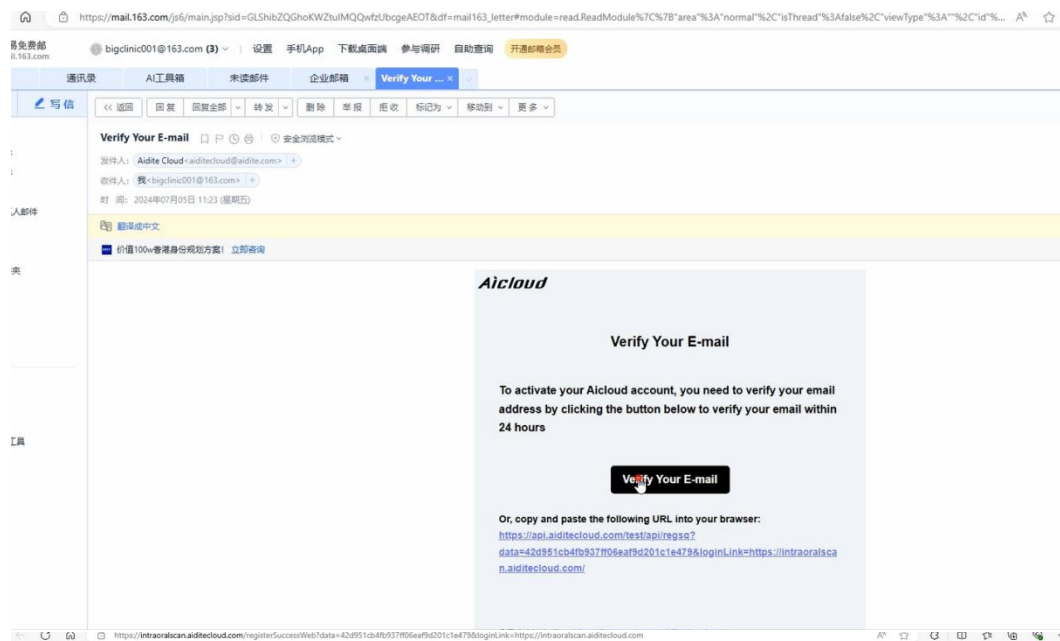
The sending is successful. Please check your email for the verification email.

The screenshot shows a confirmation message: 'Congratulations! A confirmation email has been sent to: bigclinic001@163.com. Please check your email and follow the instructions to complete your registration and begin to use'. There is a 'Click to resend' link and a 'Back to log in' button. A success notification bubble says 'The sending is successful. Please check your email for the verification email.' To the right is a 3D dental model on a monitor.

Steps 4: Open the email and pass the authentication, the account is



successfully registered.



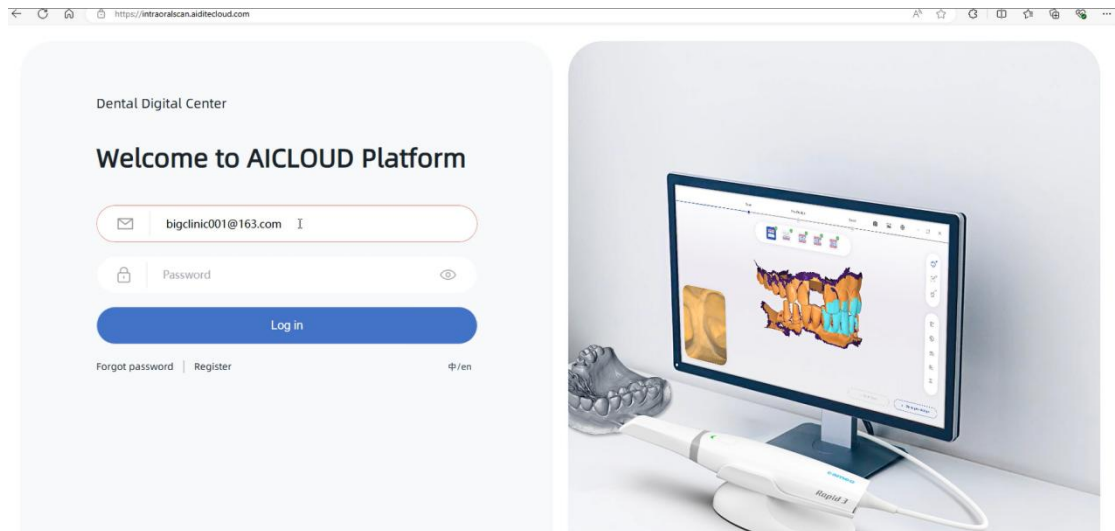
Steps 5: Click "Back to sign in" to the login interface. Enter the account and password to log in.

3.2 Log in

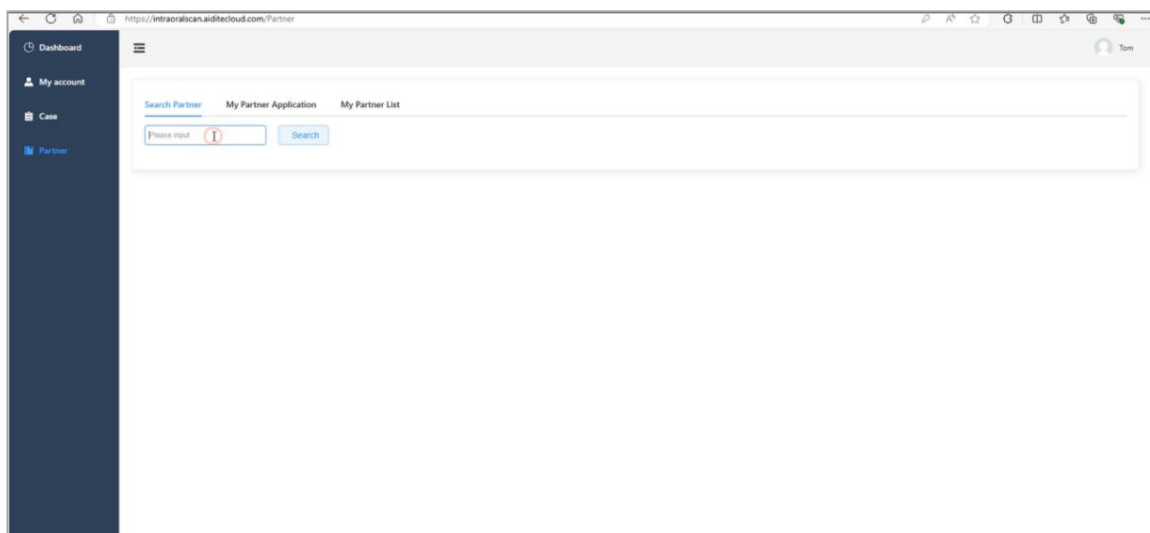
The users can log in with an Aidite cloud account or register a new account.

3.3 Partner management

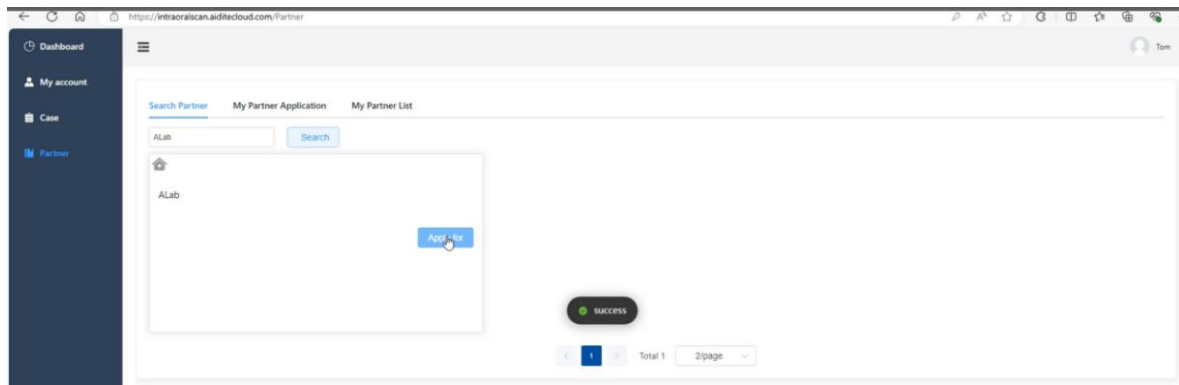
Step1: Open the cloud platform and log in the clinic account.



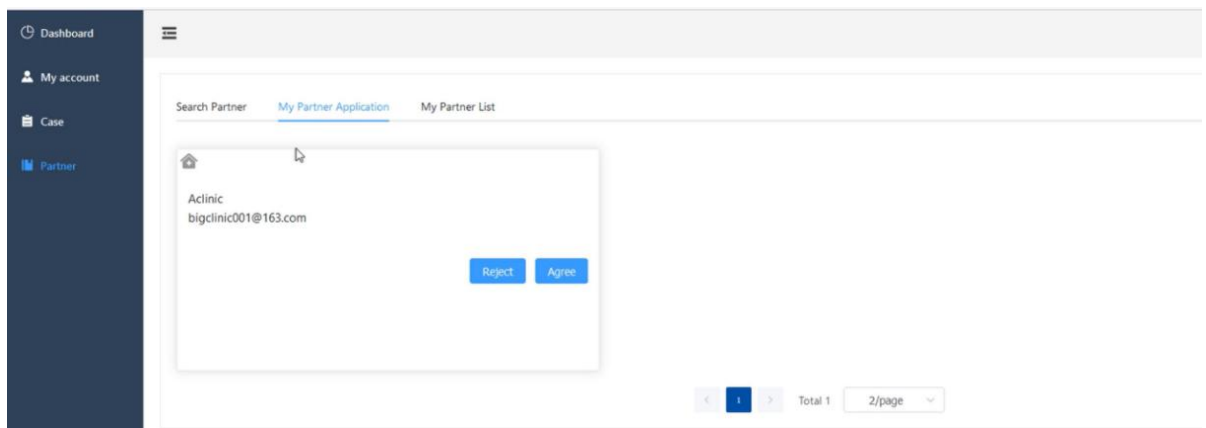
Step 2: Click on the "Partner" button on the left sidebar, enter the name of the lab organization you want to cooperate with.



Click "Apply for" to apply for cooperation with the Lab, and wait for lab to approve the application.



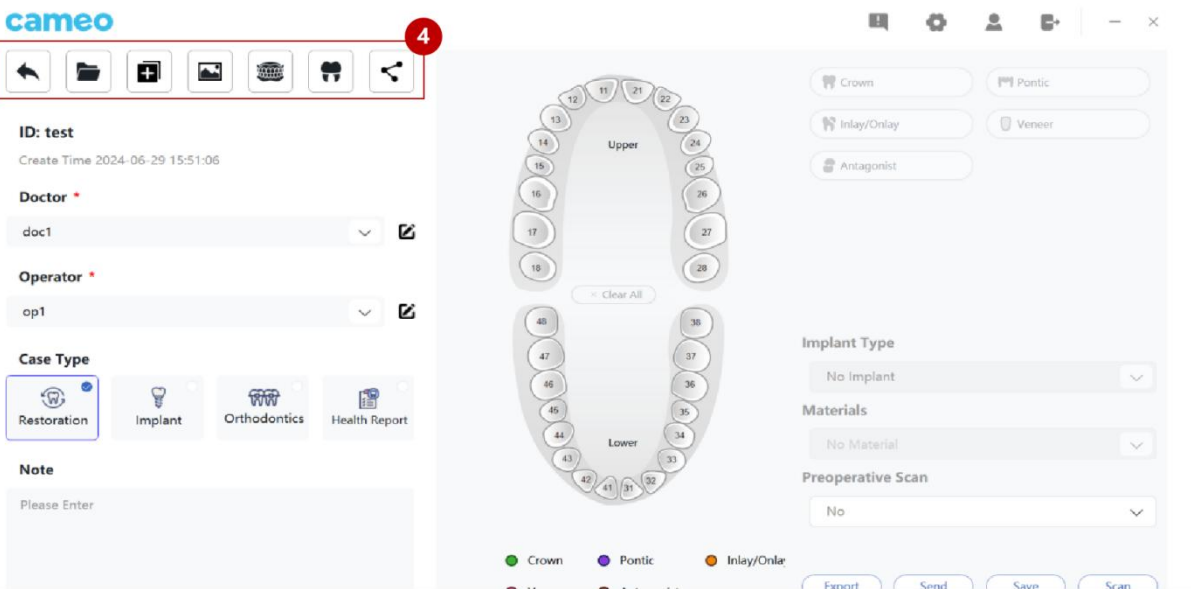
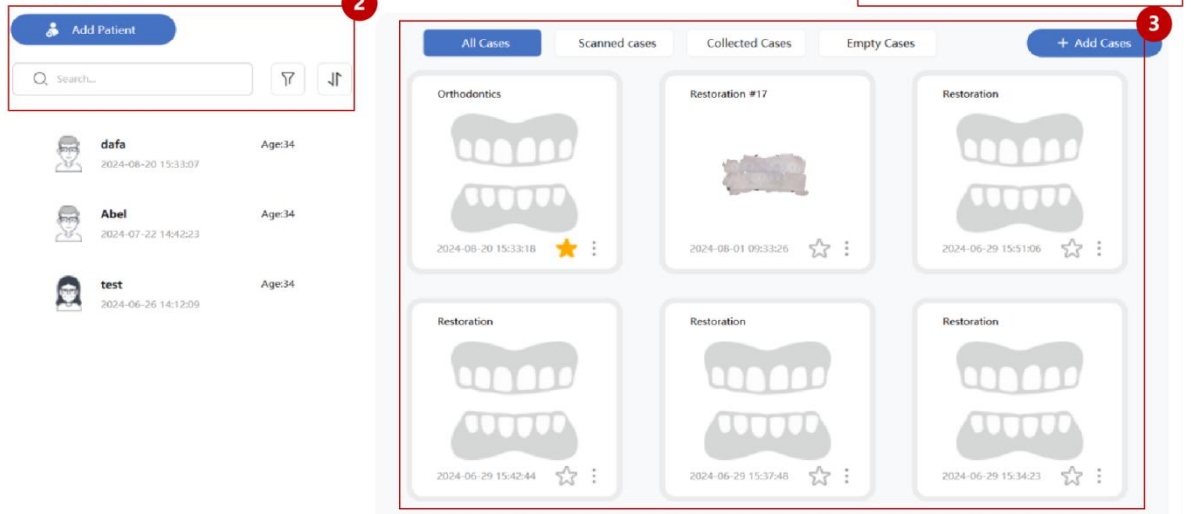
Step 3: The lab user log in the account, check the partner application interface, click the "Agree" or "Reject".




















4 Create Case

4.1 Interface introduction

The main function of the main interface

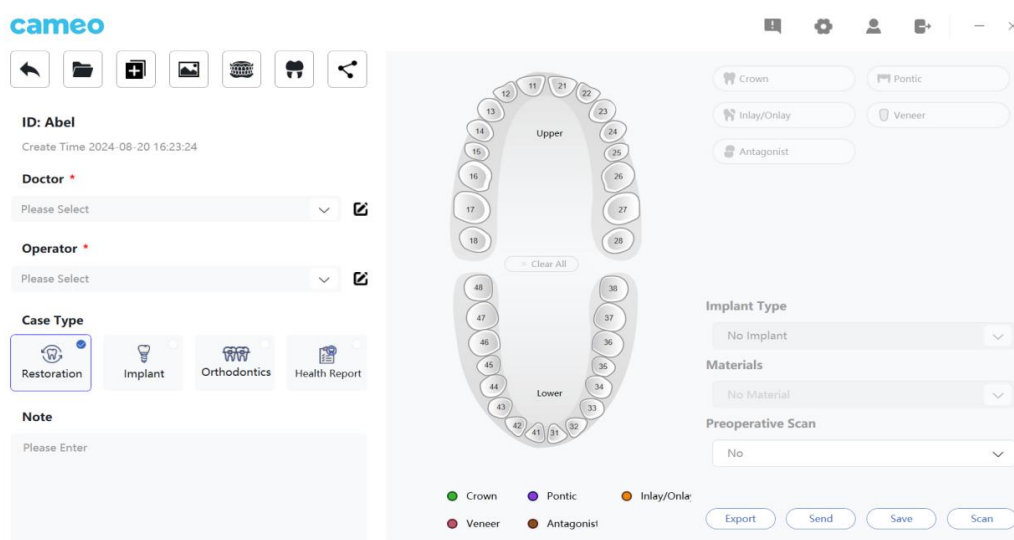


No.	Pages	Description
1	Setting	<ul style="list-style-type: none">  Feedback questions or suggestions.  Change language, tooth numbering system, and file storage setting.  View and modify the user name, phone number, email, address, and other information.  Sign out
2	Patient	<ul style="list-style-type: none">  Add a new patient. Click the button to enter the New

		<p>Patient window. Enter name, gender, age, and other necessary information to add a new patient.</p> <p> Enter patient's name for searching.</p> <p> Click to choose filtering conditions to find the targeted patient.</p> <p> Sort by conditions (such as patient initials, creation date, and visit time).</p>
3	Case	<p> Click to create a new case, and a scanning case.</p> <p>Create a new case based on the certain patient. Relative information will be filled automatically and can be edited.</p> <p> Collect the case, the collected case can be backed up separately.</p> <p> Open the current case folder. Delete current case.</p>
4	Post-scan function	<p> Open Folder: Open the local storage scan date.</p> <p> Copy Case: Copy the current case information into a new case.</p> <p> Gallery: View the saved screenshots and photos token during the scan.</p> <p> Base Adding: The flat base can be automatically added, and the output data can be directly used for 3D printer.</p> <p> Margin Line: Draw the margin line manually.</p> <p> Share Scan Date: Generate a QR code and web link. Receiver can download the compression package by the scanning QR code or opening the link.</p>

4.2 Case information

Click "Add case" and enter order information. You can only use one scanner per case, and if you need to replace it, you'll have to create a new case.



Step 1: Select doctor and operator from the drop-down menu, or add the doctor/operator information to the list.

Step 2: Select a dentistry type:

Based on patient's treatment type, select from Restoration, Implant, Orthodontics, and Health Report.

Case Type	Description
Restoration	Replace or restore your missing parts of your tooth structure. The treatment types include Crown, Pontic, Inlay/Onlay, and Veneer and Antagonist, and the dentist will choose the proper types according to the situation.
Implant	Replace damaged or missing teeth with artificial teeth. Implant treatment types include Crown, Pontic, Upper, and Lower and Full jaw, and the dentist will choose the proper types according to the situation.
Orthodontics	Deal with irregularities of the teeth and their correction. Treatment types include Fixed Ortho, removable Ortho and Invisible Ortho.
Health Report	Oral examination.

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Step 3: Based on the teeth to be treated, select the teeth directly on the teeth map.

Step 4: Select implant type.

Type	Description
Custom Abutment	Add the step of scanning ScanBody.
Custom Abutment (manual positioning)	Add the step of scanning Abutment.
Screw Retained	Add the step of scanning ScanBody for dental implant.
Screw Retained (manual positioning)	Add the step of die scanning.

Step 5: Set material.

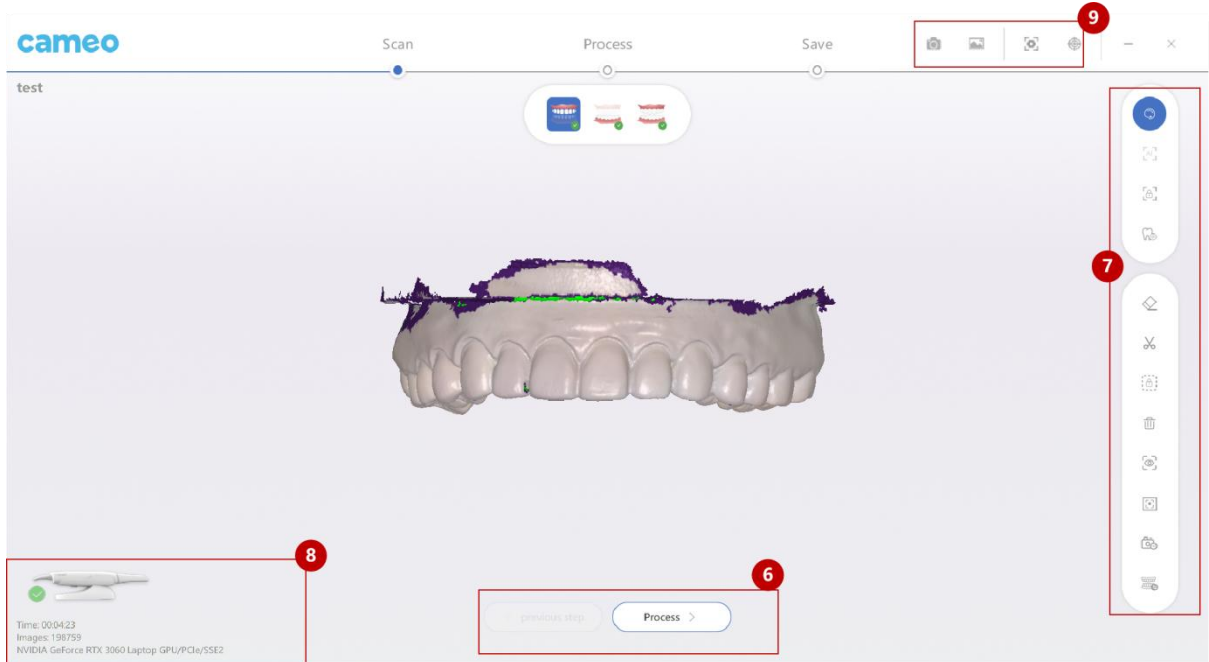
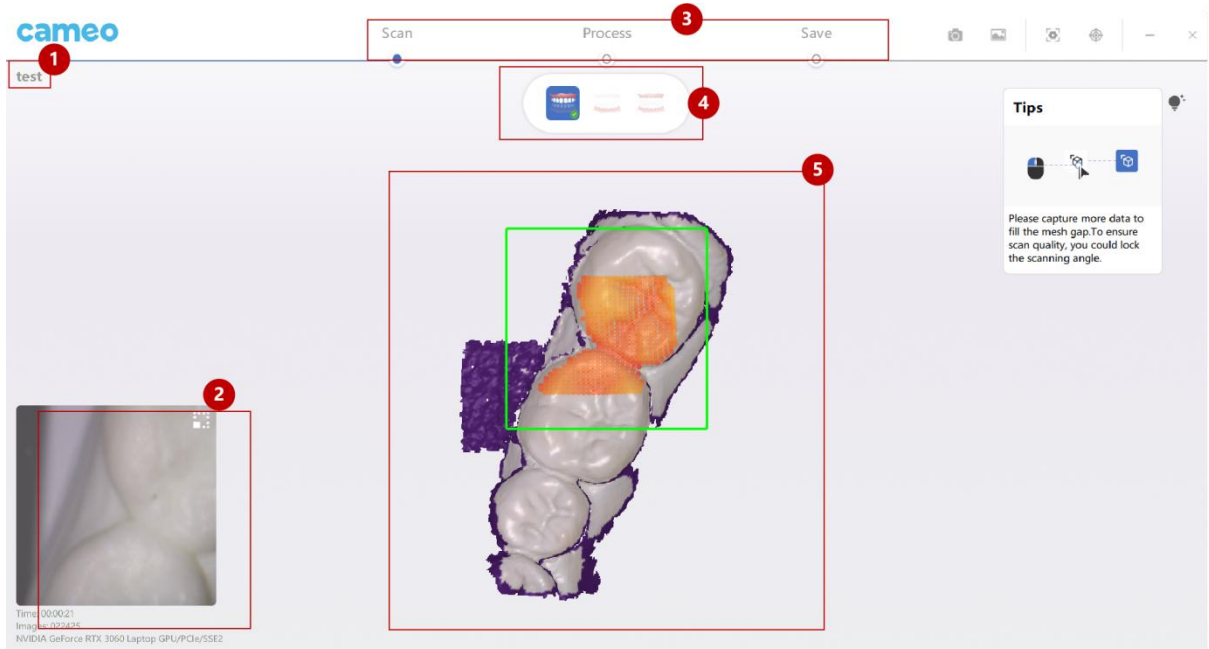
Step 6: Click the buttons for further operations.





Operation	Description
Export	Export 3D data in STL, OBJ, Cameo (format by Aidite 3D Printer), and PLY format.
Send	Upload your case and scan date to cloud.
Save	Click to save the current case for subsequent scanning.
Scan	Click to enter scanning interface.














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5 Scan

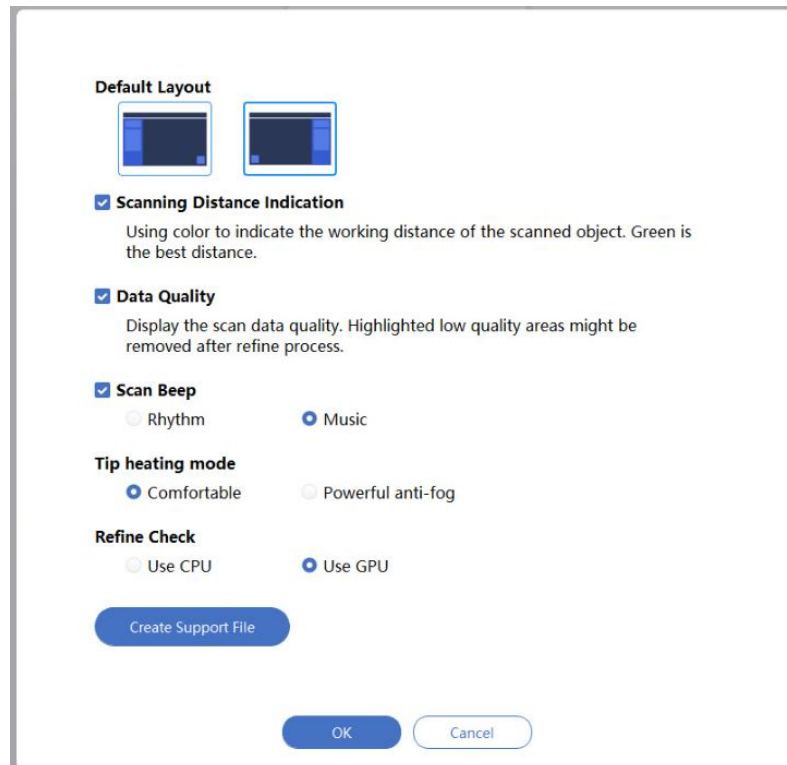
5.1 Interface introduction



No.	Name	Description
1	Patient	Patient name
2	Camera window	Display the real scanning scenarios
3	Navigation bar	New Order, Scan, Process and Save. The executed steps can be switched by clicking on the navigation bar.
4	Progress bar	Display the current position within the whole progress.
5	Preview	<p>Support previewing the scanned data.</p> <p>To gain a comprehensive view to the model:</p> <ul style="list-style-type: none"> ● Rotating: Click and hold the left or right mouse button and move the cursor. ● Panning: Simultaneously hold the left and right mouse buttons and, then move the cursor. ● Zooming in/out: Move the mouse wheel.
6	Operation	<p>Process: Optimize check scan data.</p> <p>Save: Save the current scanning data.</p> <p>Scan: Start scanning</p>
7	Edit	<p> True color scan</p> <p> AI scan: After clicking it, miscellaneous data will be automatically deleted when scanning, such as data of buccal, lingual, and soft tissues.</p> <p> Lock scan view: When you click View Lock, you will check the model from one fixed perspective when scanning, and the automatic perspective tracking function is not enabled.</p> <p> Metal scan will improve the scanning speed and sweep the whole situation for metal teeth.</p>

		<p> Retain more mucous data: Increased mucosal tissue during edentulous jaw scan.</p> <p> Move the eraser to the areas you want to delete, click and the area covered by the green circle will be deleted.</p> <p> Move the cursor and press the left mouse button to draw a closed curve. Release the mouse and click the "Ok" button, the selected areas will be deleted.</p> <p> Lock scan area: Click button to set the scanning lock area to ensure the data in the locked area will not change in subsequent scanning.</p> <p> Delete the current scan date.</p> <p> The area will display more partial details in a higher resolution grid.</p> <p> Restore the default size and location.</p> <p> Click the button to take high-definition photos.</p> <p> Switch data of upper and lower jaw after the scan is completed or post-processing is completed. For cases where the upper and lower jaw flow is reversed during scanning.</p>
8	Device status	Display device status during non-scanning processes.
9	Other operation	<p> Screen shot: To record the screen, take a screenshot and check screenshots.</p> <p> Screen shot viewer</p> <p> Scan setting</p> <p> Precision calibration</p>

5.2 Scan setting



No.	Name	Description
1	Scanning Distance Indication	Green: Scan distance is appropriate. Yellow: Scan distance is moderate. Red: Scan distance is too far.
2	Data Quality	Display the scan data quality. Highlighted low quality areas might be removed after refine process. Purple: Scan data quality/density is low, will be deleted during optimization inspection. If it is an area of interest to the doctor, it needs to be scanned again.

6 Calibrate the Scanner

※Note:

Do not calibrate the scanner unless it has suffered a serious impact.

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※Caution:

Connect the calibrator with the cable before calibration.

Keep the calibrator in bag to prevent from dust.

Do not drop or strike the calibrator.

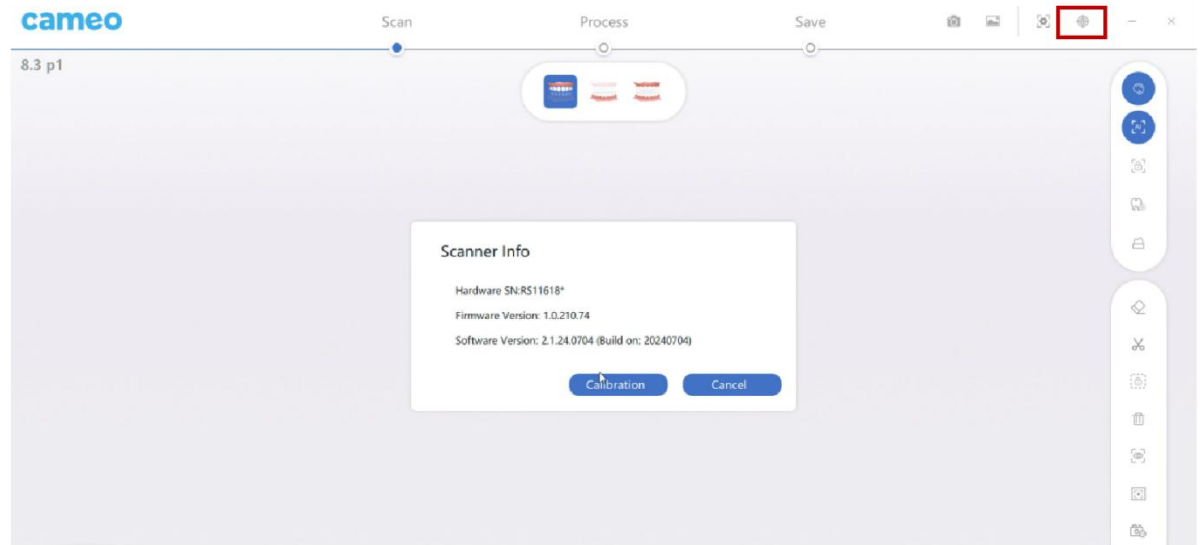
Do not splash water into the calibrator.

Perform the calibration follow the steps below:

Step 1: Gently take the tip off from the scanner.



Step 2: Click "🎯" on the main interface to enter the calibration interface. Click the calibration button. Calibration begins.



Step 3: Check whether the protect window is clean, click "Next".

Step 4: Insert the calibration heads A and C as instructed.



Step 5: Finish the calibration and remove calibration tip.

