

INCREIBLE[™]

DEVICES

SKINIQ[™] ANALYZER

A **COMPREHENSIVE GUIDE** to operating the **INCREIBLE Skin IQ Analyzer** by *INCREIBLE*, offering detailed instructions for Advanced Skin Analysis, Monitoring and Treatment Planning with precision.



Table of Contents

User Instructions	3
Theory	4
Chapter 1 – Introduction	5
Chapter 2 – Light Sources Modes	7
2.1 – Visible Light (RGB)	7
2.2 – Cross-Polarized Light Mode	7
2.3 – UV Light Mode	8
2.4 – Parallel Polarized Light Source	8
Chapter 3 – Image Modes	9
3.1 – Image Mode 1 – PL Vibration Pore Imaging	9
3.2 – Image Mode 2 – PL Vibration Wrinkle Imaging	10
3.3 – Image Mode 3 – RGB Roughness Imaging	11
3.4 – Image Mode 4 – Superficial Inflammation Imaging	12
3.5 – Image Mode 5 – Cross-Polarized Epidermal Imaging	13
3.6 – Image Mode 6 – UV Light Deep Pigment Imaging	14
3.7 – Image Mode 7 – UV Porphyrins Imaging	14
3.8 – Image Mode 8 – Red Zone Imaging	15
3.9 – Image Mode 9 – Brown Zone Map Imaging	16
3.10 – Image Mode 10 – UV Light Ultraviolet Spot Imaging	17
Chapter 4 – 6 Major Skin Problems Detection	18
4.1 – Pigmentation Issues	18
4.2 – Sensitivity and Redness	18
4.3 – Wrinkles and Fine Lines	19
4.4 – Pore Conditions	19
4.5 – Spots and Blemishes	19
4.6 – Acne and Breakouts	20
Chapter 5 – Installation Instructions	21
5.1 – Appearance Introduction	21
5.2 – Key Features	22
5.3 – Computer Configuration and Hardware Requirements	23
5.4 – Skin Analyzer Accessories list	24
5.4.1 – Unpack the Accessories	25
Chapter 6 – Device Operation Instructions	26
6.1 – Start-Up Boot	26
6.2 – Option 1: Adding a New Customer	27
6.3 – Option 2: Client List	28

Table of Contents

6.4 – Option 3: Product Center	29
6.4.1 – Accessing the Product Addition Function	30
6.4.2 – Product Classification	31
6.5 – Option 4: Me	32
6.6 – Shooting interface	33
6.7 – Analysis Results Interface	35
6.7.1 – Accessing Detailed Analysis	36
6.7.2 – Explanation of Skin Parameters	37
6.7.3 – Interpreting the Results	38
6.7.4 – Steps to Export the Report	39
6.7.5 – How to Perform Comparative Analysis	40
6.7.6 – How to Use the AI Prediction Function	41
Chapter 7 – Safety Warnings and Precautions	44
7.1 – Handling and Maintenance	44
7.2 – Electrical Safety	44
7.3 – Usage Guidelines for Accurate Results	45
7.4 – Moving & Transporting the Device	45
Chapter 8 – Maintenance	46
8.1 – Common Troubleshooting	46
Chapter 9 – Advantages	47

User Instructions

Authorized Usage Only

This product may only be used under the specified conditions outlined by the manufacturer. Unauthorized use is strictly prohibited.

The original program or backup documentation may only be installed and used on one computer at a time. The program can be transferred from one computer to another, but it must only operate on a single computer at any time. Transfers between computers via a network are not required or permitted. Copied programs and documentation must not be shared or distributed to others.

This license allows the transfer of the program, backup program, or documentation to another person, provided it adheres to the specified conditions.

No changes, modifications, or alterations to the system's programs or documentation, whether partial or complete, are permitted without explicit permission. Unauthorized copying or transferring of the program or documentation is prohibited.

By adhering to these instructions, users can ensure compliance with the licensing agreement and maintain the system's integrity.

This manual is designed to guide technicians in the proper use and operation of this system. Ensure you read and thoroughly understand the instructions before operating the system. If any section of the manual is unclear, please reach out to your service representative for assistance and clarification.

Theory

The **INCREDIBLE Skin IQ Analyzer** is an advanced skin analysis device that utilizes cutting-edge technology to evaluate skin health comprehensively. Combining high-resolution imaging, multispectral analysis, and artificial intelligence, the system accurately assesses various skin parameters such as hydration, texture, pigmentation, elasticity, and pore size.

This non-invasive device uses multiple wavelengths of light to penetrate different skin layers, offering a detailed view of surface and subsurface conditions. The integrated AI generates personalized reports and treatment recommendations, enhancing diagnostic precision. Designed for dermatology clinics and aesthetic practices, the **INCREDIBLE Skin IQ Analyzer** empowers professionals to deliver tailored skincare solutions with unparalleled accuracy.



Chapter 1

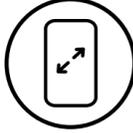
Introduction

The **INCREDIBLE Skin IQ Analyzer** utilizes the latest advancements in exploratory mirror technology to power a state-of-the-art digital skin image processing system. This innovative system uniquely penetrates multiple layers of the skin to reveal pigmentation, assess overall skin health, and monitor changes over time.

It provides valuable insights into various aspects of skin aging, including:

- Pigmentation
- Sensitivity
- Pore conditions
- Wrinkles
- Spot analysis
- Acne monitoring
- Hydration and elasticity
- Skin imaging

It also tracks treatment progress and highlights the smallest improvements to build client trust in the process and treatment credibility. The device measures changes in the skin, offering a quantitative display, empowering professionals and clients with confidence.

 <p>4 Spectra</p>	 <p>10 Intelligent Images</p>	 <p>Professional Color Correction</p>	 <p>Industrial Camera</p>
 <p>AI Algorithm</p>	 <p>Vertical Screen Interactive System</p>	 <p>Multi-port Access</p>	 <p>Report Printing</p>

The device's software is a multifunctional platform featuring an intuitive interface and robust analytical capabilities. Its five specialized modules precisely analyze skin concerns. A standout feature is its ability to use real 3D restoration technology to recreate 3D skin images, which can be examined and analyzed from any angle.

Comprehensive reports, enriched with pictures and detailed explanations, provide clients with a clear understanding of their skin's condition and the results of their analysis, enhancing trust and transparency in the treatment process.

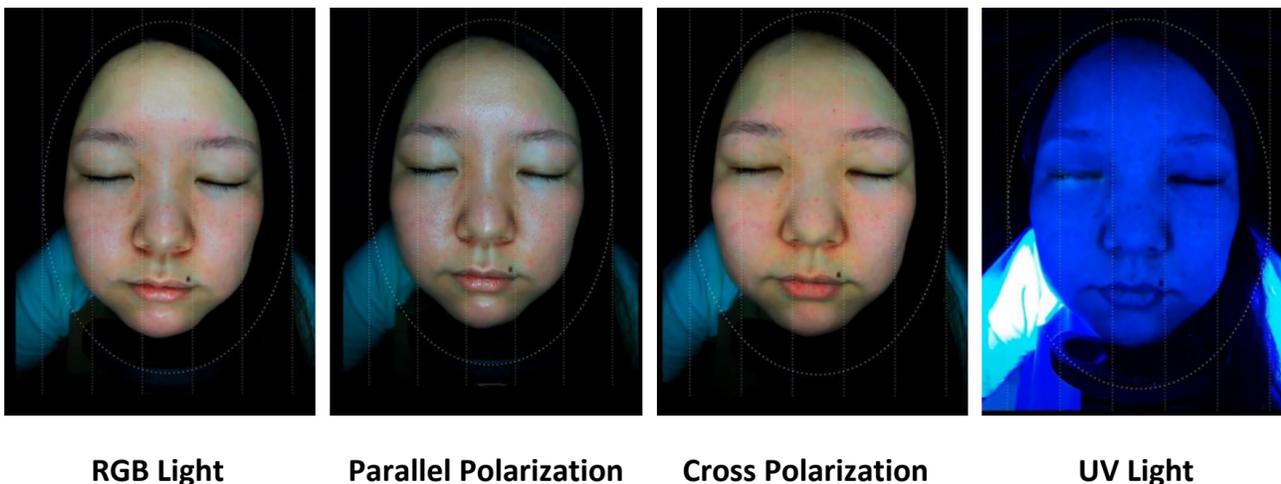
With **INCREDIBLE Skin IQ Analyzer**, professionals can offer unparalleled diagnostic accuracy and tailor treatments to achieve exceptional results.

Chapter 2

Light Sources Modes

Light sources are fundamental to advanced skin analysis systems like the **INCREDIBLE Skin IQ Analyzer**. By using specific wavelengths of light, the system can penetrate various layers of the skin to reveal detailed information about its condition. Each light source serves a unique purpose, enabling the device to capture surface and subsurface features, assess skin health, and identify areas requiring treatment.

INCREDIBLE Skin IQ Analyzer has 35 million pixels to present skin problems clearly. The impressive pixel density ensures that subtle skin issues, such as fine lines, minor pigmentation, and early signs of aging, are detected with unparalleled accuracy. This level of detail is particularly crucial for identifying subsurface conditions that may not yet be visible to the naked eye, such as sun damage, emerging wrinkles, or clogged pores.



RGB Light

Parallel Polarization

Cross Polarization

UV Light

The device uses four different light sources: Visible light, cross-polarized light, UV light, and parallel polarized light.

2.1 – Visible Light (RGB)

RGB Light (Red, Green and Blue) provides a highly accurate visual representation of the skin's surface under natural lighting conditions. This provides a baseline for discussing visible skin conditions and comparing skin with other analysis modes. Moreover, it is useful for identifying visible imperfections that clients notice in everyday settings. This mode detects visible pigmentation, texture issues, and aging signs like wrinkles and fine lines.

2.2 – Cross-Polarized Light Mode

Cross-polarized light filters reflections, creating high-contrast images of pigmentation, inflammation, and vascular irregularities. It can suppress the skin's surface glare and facilitate its direct inspection.

This model provides a clearer view of underlying skin issues without surface distractions.

2.3 – UV Light Mode

Ultraviolet wavelengths penetrate the epidermis, allowing the detection of hidden pigmentation, early signs of sun damage, and potential precursors to skin conditions. Through the different fluorescence performances and secretions of skin cells, you can identify skin conditions that are difficult to see or have similar appearances. This mode is commonly used for diagnosing photoaging, and melasma and assessing the effectiveness of sun protection measures.

2.4 – Cross-Polarized Light Mode

Cross-polarized light filters reflections, creating high-contrast images of pigmentation, inflammation, and vascular irregularities. It can suppress the skin's surface glare and facilitate its direct inspection. This model provides a clearer view of underlying skin issues without surface distractions.

Chapter 3

Image Modes

The **INCREDIBLE Skin IQ Analyzer** offers advanced Image Modes to deliver comprehensive skin analysis with precision and clarity. Its intelligent modes detect surface-level texture, tone, subsurface pigmentation, and sun damage, offering enhanced visibility of redness, sensitivity, and vascular issues. Moreover, they minimize glare, reveal hidden pigmentation, and visualize fine lines and pores in detail. These modes work together to provide a multi-dimensional understanding of skin health, enabling professionals to diagnose, monitor, and personalize treatments effectively for optimal client outcomes.

3.1 – Image Mode 1 – PL Vibration Pore Imaging

The first advanced feature of the **INCREDIBLE Skin IQ Analyzer** focuses on the detailed visualization and assessment of pore conditions. By utilizing Polarized Light (PL) combined with vibration technology, this mode provides an in-depth analysis of pore size, density, and blockages, offering critical insights into skin health and care.

Key Features:

Enhanced Pore Detection

- The Polarized Light reduces surface glare, allowing precise imaging of pores.
- Vibration technology enhances the resolution of pore mapping, ensuring accurate identification of clogged or enlarged pores.

Precise Assessment

- Measures the size and density of pores across different areas of the face.
- Identifies areas with high sebum production or potential for acne formation.

Subsurface Clarity

- Reveals subsurface pore conditions not visible under standard light.
- Highlights congestion and buildup, helping professionals design targeted treatments.

Dynamic Imaging

- Combines vibration and imaging technology to create high-definition, real-time visuals of pore conditions.
- Enables detailed tracking of pore changes over time or after treatments.

3.2 – Image Mode 2 – PL Vibration Wrinkle Imaging

The second advanced feature of the **INCREDIBLE Skin IQ Analyzer** provides an in-depth analysis of fine lines and wrinkles. Using Polarized Light (PL) combined with vibration technology, this mode offers enhanced visualization and precise measurement of wrinkles, helping professionals assess aging skin with unparalleled accuracy.

Key Features:

Deeper Wrinkle Detection

- Polarized Light reduces glare and highlights subtle skin details, making fine lines and wrinkles more visible.
- Vibration technology ensures high-resolution imaging for accurately mapping wrinkle depth, length, and distribution.

Detailed Analysis

- Measures wrinkles' size, depth, and severity across different facial areas.
- Tracks the progression of aging signs, including crow's feet, forehead lines, and nasolabial folds.

Subsurface Insights

- Reveals subsurface pore conditions not visible under standard light.
- Identifies skin areas with reduced elasticity that are prone to wrinkle development.

Real-Time Imaging

- Combines vibration with imaging to produce high-definition visuals of wrinkle patterns.
- Allows for detailed before-and-after comparisons following treatments.

3.3 – Image Mode 3 – RGB Roughness Imaging

The third advanced feature of the **INCREDIBLE Skin IQ Analyzer** analyzes and visualizes skin surface texture and roughness. Utilizing Red, Green, and Blue (RGB) light, this mode highlights even the most subtle irregularities in the skin, providing a comprehensive assessment of texture issues for personalized treatment planning.

Key Features:

High-Definition Texture Visualization

- It uses RGB light to capture detailed images of the skin's surface, emphasizing areas of uneven texture, fine lines, and rough patches.
- Identifies imperfections such as bumps, dryness, and scaly areas often missed by the naked eye.

Surface-Level Analysis

- Focuses on the epidermis to evaluate visible roughness and irregularities.
- Differentiates between natural skin texture and problem areas requiring intervention.

Accurate Color Mapping

- Highlights variations in skin tone and texture through precise RGB light rendering.
- Allows professionals to pinpoint specific areas of concern.

Quantitative Measurement

- Provides measurable data on roughness levels, enabling professionals to track changes over time or after treatments.

3.4 – Image Mode 4 – Superficial Inflammation Imaging

The fourth cutting-edge feature of the **INCREDIBLE Skin IQ Analyzer** detects and visualizes areas of redness, irritation, and sensitivity on the skin's surface. This mode highlights superficial inflammation with unparalleled precision by leveraging advanced imaging technologies, enabling professionals to address skin concerns effectively.

Key Features:

Enhanced Detection of Redness

- Identifies areas of superficial redness and irritation caused by sensitivity, rosacea, or environmental factors.
- Differentiates between temporary redness and underlying conditions that may require treatment.

High-Resolution Visualization

- Captures detailed images of the epidermis, revealing inflammation that might not be immediately visible to the naked eye.
- Provides clear visuals for accurate diagnosis and treatment planning.

Targeted Assessment

- Focuses specifically on the skin's surface layer to identify inflamed areas caused by external irritants, overexposure, or compromised skin barriers.

Quantitative Analysis

- Measures the extent and severity of inflammation, providing data to monitor progress over time or after treatments.

3.5 – Image Mode 5 – Cross-Polarized Epidermal Imaging

The fifth advanced feature of the **INCREDIBLE Skin IQ Analyzer** focuses on analyzing the skin's surface and subsurface layers with precision. This mode minimizes surface reflections using cross-polarized light technology, providing an enhanced view of epidermal conditions, such as pigmentation irregularities, vascular issues, and textural changes.

Key Features:

Surface and Subsurface Clarity

- Eliminates glare and surface reflections to expose details of the skin's outermost layer (epidermis) and underlying structures.
- Highlights pigmentation, redness, and vascular concerns with high contrast.

Accurate Pigmentation Analysis

- Detects uneven skin tone, hyperpigmentation, and hidden discoloration beneath the surface.
- Provides detailed imaging of melanin distribution for effective treatment planning.

Vascular Visibility

- Reveals superficial blood vessels and redness, helping diagnose conditions like rosacea and inflammation.
- Enhances the visibility of capillary networks and vascular damage.

Enhanced Textural Detection

- Assesses fine lines, wrinkles, and rough patches with high precision.
- Captures subtle changes in texture that may not be visible under standard light.

Quantitative Data

- Measures the extent and severity of pigmentation or vascular issues, allowing for progress tracking over time.

3.6 – Image Mode 6 – UV Light Deep Pigment Imaging

The sixth feature of the **INCREDIBLE Skin IQ Analyzer** offers unparalleled precision in analyzing pigmentation beneath the skin's surface. Using advanced UV light technology, it reveals hidden pigmentation, sun damage, and melanin irregularities, enabling targeted skincare solutions.

Key Features:

Deep Pigment Detection

- Identifies hidden sun damage, hyperpigmentation, and uneven melanin distribution.

High-Resolution Imaging

- Provides clear, detailed visuals of sub-surface pigmentation for accurate diagnosis and treatment planning.

Early Issue Identification

- Detects pigmentation concerns before they become visible, allowing for proactive treatment.

3.7 – Image Mode 7 – UV Porphyrins Imaging

This seventh revolutionary feature of **INCREDIBLE Skin IQ Analyzer** is designed to analyze and detect porphyrins, natural compounds produced by certain bacteria on the skin. This advanced imaging technology provides a detailed evaluation of bacterial activity, helping professionals precisely address acne-prone and oily skin conditions.

Key Features:

Detection of Porphyrins

- Uses UV light to reveal porphyrins as fluorescent areas on the skin, indicating bacterial presence.
- Identifies key factors contributing to acne and inflammation.

Enhanced Imaging Precision

- Captures high-resolution visuals of porphyrin activity, ensuring an accurate assessment of affected areas.
- Highlights bacterial buildup in pores, which can lead to breakouts.

Subsurface Clarity

- Reveals bacterial activity beneath the skin's surface that may not be visible under standard lighting.
- Enables the identification of early acne triggers for proactive care.

Real-Time Visualization

- Provides real-time imaging for dynamic tracking of porphyrin levels before and after treatments.
- Monitors change over time to evaluate treatment efficacy.

3.8 – Image Mode 8 – Red Zone Imaging

This advanced diagnostic eighth feature of the INCREDIBLE Skin IQ Analyzer focuses on analyzing vascular and inflammatory skin conditions. By highlighting areas of redness and vascular activity, this mode enables precise identification of skin concerns such as sensitivity, inflammation, and rosacea, helping professionals design targeted skincare solutions.

Key Features:

Enhanced Vascular Analysis

- Uses advanced imaging technology to detect and map areas of increased blood flow and vascular activity.
- Accurately identifies redness caused by inflammation, rosacea, or sensitive skin.

High-Resolution Imaging

- Captures detailed visuals of red zones on the skin, offering clear insights into the extent and severity of the condition.
- Enables the detection of vascular concerns that may not be visible to the naked eye.

Subsurface Assessment

- Reveals underlying inflammation and blood vessel activity beneath the skin's surface.
- Detects early signs of vascular damage or sensitivity for preventative care.

3.9 – Image Mode 9 – Brown Zone Map Imaging

This ninth advanced tool of the **INCREDIBLE Skin IQ Analyzer** is designed to analyze and assess the condition of the skin and hair follicles within the eyebrow area. By providing high-definition imaging and precise mapping, this mode offers valuable insights into brow health, aiding in both aesthetic and restorative treatments.

Key Features:

Advanced Pigmentation Mapping

- Identifies dark spots, melanin clusters, and uneven tone across the face for targeted treatment planning.

High-Definition Imaging

- Offers detailed visualization of brown zones with clear contrast.
- Allows practitioners to pinpoint problem areas with accuracy.

Subsurface Analysis

- Reveals pigmentation issues beneath the skin's surface not visible to the naked eye.
- Enables early intervention and preventative skincare solutions.

3.10 – Image Mode 10 – UV Light Ultraviolet Spot Imaging

This last and tenth feature of the INCREDIBLE Skin IQ Analyzer is a state-of-the-art tool designed to identify and analyze hidden pigmentation and ultraviolet (UV) spots beneath the skin's surface. It provides an in-depth evaluation of sun damage, melanin distribution, and potential areas of concern, enabling targeted and preventative skincare solutions.

Key Features:

Advanced UV Detection

- Utilizes ultraviolet light to highlight underlying pigmentation and sun damage not visible under standard lighting.
- Identifies areas with uneven melanin concentration, helping to prevent future hyperpigmentation.

High-Resolution Spot Analysis

- Provides precise, detailed imaging of UV spots, offering an accurate assessment of affected areas.
- Differentiates between superficial and deeper pigmentation issues for tailored treatment strategies.

Enhanced Treatment Guidance

- Supports professionals in designing customized skincare and treatment plans, such as brightening therapies, chemical peels, or laser solutions.

Subsurface Clarity

- Detects pigmentation irregularities and sun damage beneath the epidermis, allowing for early intervention.

Chapter 4

6 Major Skin Problems Detection

The **INCREDIBLE Skin IQ Analyzer** is designed to identify and analyze six key skin problems with precision, providing valuable insights for tailored skincare treatments:

4.1 – Pigmentation Issues

What It Detects:

- Surface-level pigmentation such as freckles, sunspots, and age spots.
- Subsurface pigmentation like melasma, hidden UV damage, and uneven melanin distribution.

How It Works:

The device utilizes UV Light and Cross-Polarized Imaging to penetrate the skin layers and detect discoloration that may not be visible to the naked eye. It highlights areas affected by sun exposure or hormonal imbalances, helping design treatments like chemical peels, laser therapy, or brightening serums.

4.2 – Sensitivity and Redness

What It Detects:

- Redness caused by rosacea, inflammation, or irritated skin.
- Sensitivity due to environmental stressors, allergies, or a compromised skin barrier.

How It Works:

The device uses Polarized and Cross-Polarized Light to reduce glare and enhance the visibility of vascular conditions. This helps identify areas prone to inflammation or irritation.

4.3 – Wrinkles and Fine Lines

What It Detects:

- Surface-level fine lines and deeper wrinkles.
- Aging signs caused by reduced collagen and elastin levels.

How It Works:

The device leverages RGB and 3D Texture Mapping to assess wrinkle depth, length, and distribution. It detects early signs of aging to enable proactive treatment, supporting anti-aging regimens with fillers, Botox, or collagen-boosting products.

4.4 – Pore Conditions

What It Detects:

- Enlarged pores, congested pores, and uneven pore distribution.
- Sebum buildup and areas prone to acne formation.

How It Works:

The device utilizes PL Vibration Pore Imaging to map pore size and density. It identifies blockages that may lead to breakouts or oily skin issues, helping recommend treatments like deep cleansing, microdermabrasion, or pore-minimizing products.

4.5 – Spots and Blemishes

What It Detects:

- Dark spots, acne scars, blemishes, and other surface imperfections.
- Differentiates between spots caused by pigmentation and post-inflammatory hyperpigmentation (PIH).

How It Works:

The device combines RGB and UV Imaging to detect and assess spots' severity. It highlights areas requiring corrective care, enabling targeted treatments such as spot correction creams, laser therapies, or exfoliation.

4.6 – Acne and Breakouts

What It Detects:

- Active acne, blackheads, whiteheads, and cystic acne.
- Areas prone to breakouts and congestion.

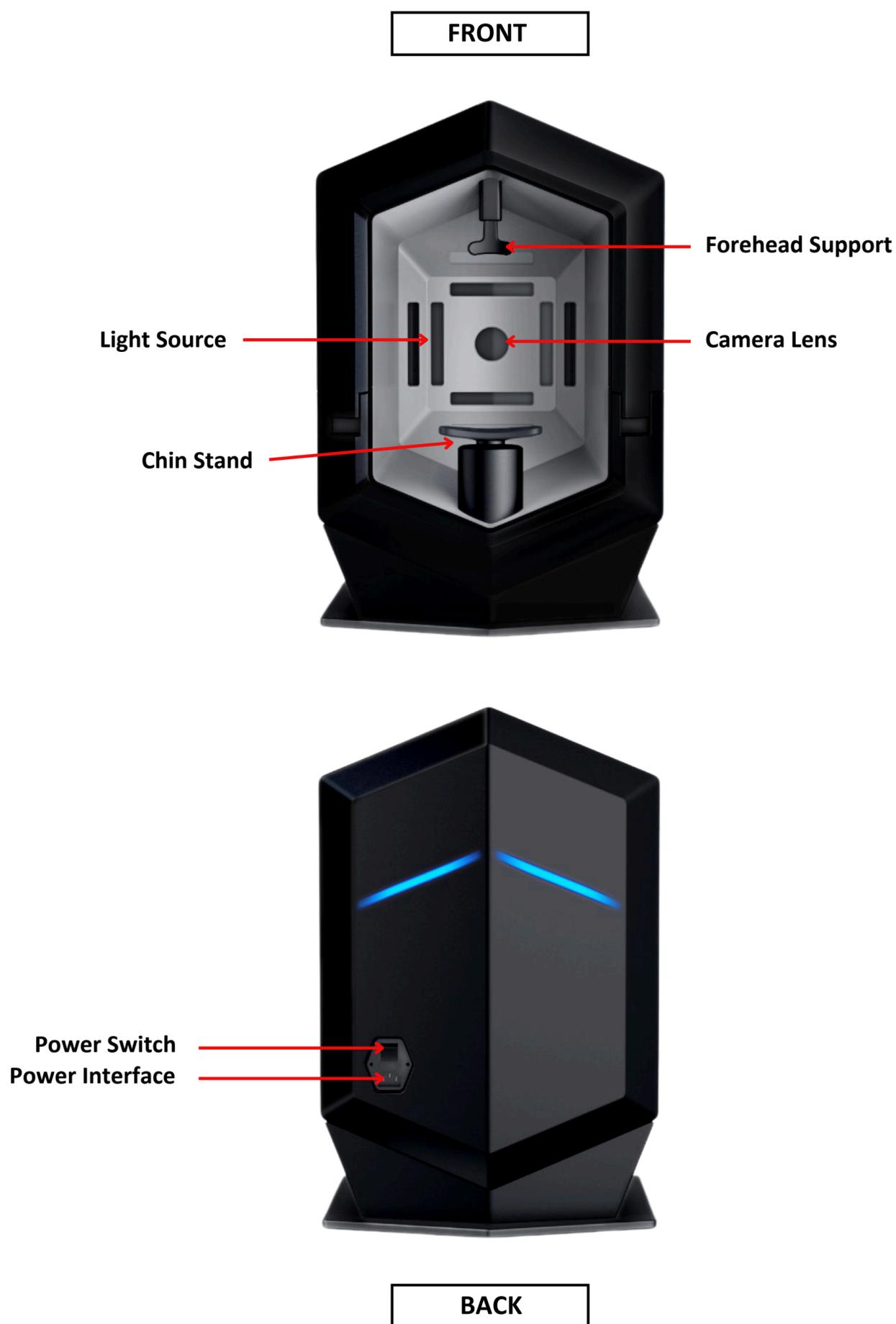
How It Works:

The device uses UV and Polarized Light to assess active acne and underlying skin conditions. It identifies sebum-heavy areas and potential breakout zones. This assists in recommending acne-specific treatments like salicylic acid, retinoids, or medical-grade facials.

Chapter 5

Installation Instructions

5.1 – Appearance Introduction



5.2 – Key Features

4K Professional High-Resolution Camera

35 Million Custom Optical Lenses

Take pictures that are:

- Clearer
- Precise
- Higher quality

Android System

- More accurate
- More intuitive UI design
- Easier to install

The 21.5" Ultra-HD display of the **INCREDIBLE Skin IQ Analyzer** offers incredibly clear images for in-depth skin analysis. Thanks to its improved Android system, which offers enhanced security to secure sensitive data, and its simple and intuitive user interface design, professionals can easily access and utilize its features.

Darkroom Cloth

- To ensure the accuracy of the analysis.
- High sensitivity and super sensory effect Integrated high-performance image processor.

Ergonomic Design

The analyzer's face positioning feature offers reliable and consistent imaging. For safety and durability, medical-grade silicone is used in its construction. Using the Phantom Function and the 45° adjustable photography capabilities, the same shooting angle is guaranteed each time, yielding accurate and consistent skin analysis results.

5.3 – Computer Configuration and Hardware Requirements

Configuration List	
Item	Specification Requirements
System Language	English
Processor	RK3588
RAM	8G
Hard Disk	64G
Display Resolution	1920 x 1080
Pixels	35 Million
Screen Ratio	16:09
Operating System	Android System

5.4 – Skin Analyzer Accessories List

Parts		Parts	
INCREDIBLE Skin IQ Main Compartment		Special Trolley (Optional)	
Computer Display		Power Cord	
	Light Avoidance Products (Optional)		

To ensure optimal performance and accuracy, it is essential to install the **INCREDIBLE Skin IQ Analyzer's** accessories properly. Follow this step-by-step guide for the correct setup:

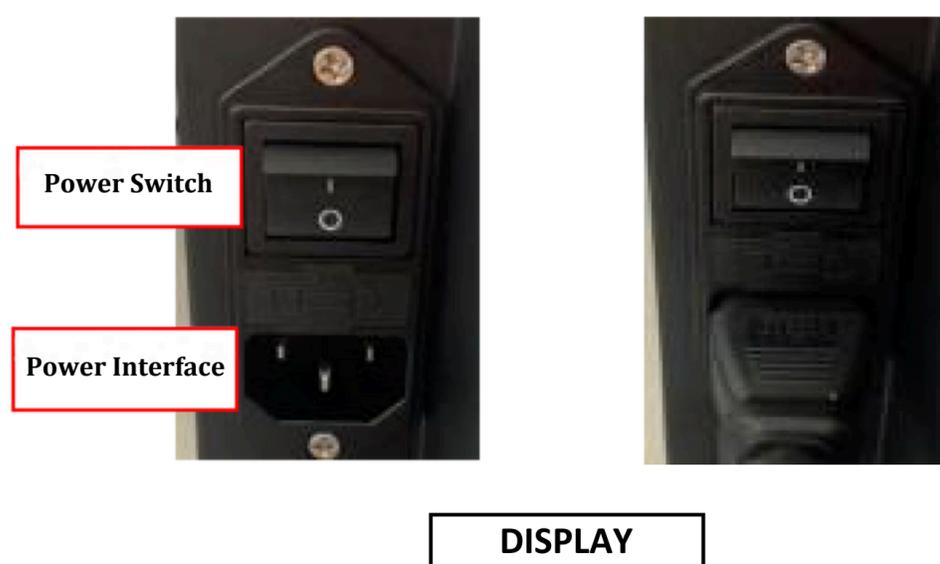
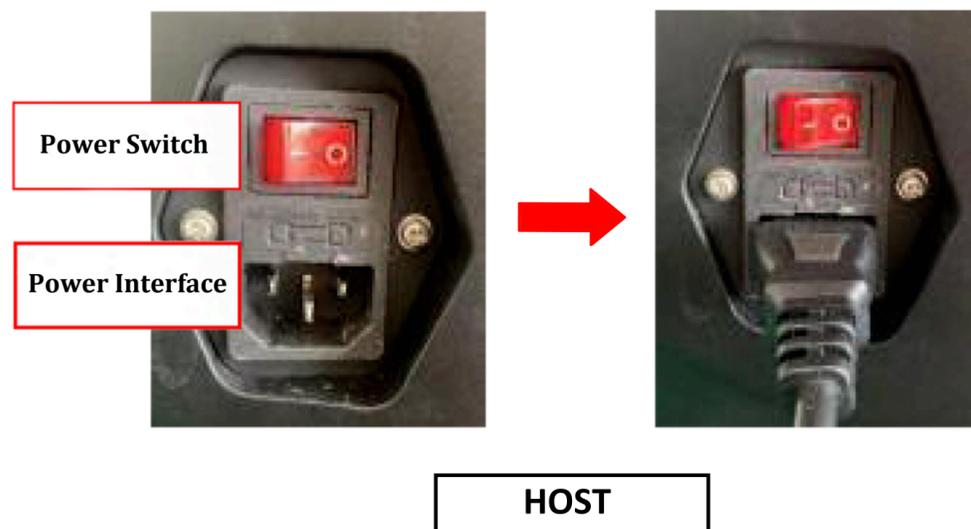
5.4.1 – Unpack the Accessories

Carefully unbox the device and all its accessories. Verify the presence of all components, including:

- Power adapter and cable.
- INCREDIBLE Skin IQ compartment.
- Special table trolley (optional).
- Light avoidance products (optional).
- User manual.

Connect the Power Supply and Display Screen

Connect the Power Supply and Display Screen



Plug the power adapter into the device's designated power port on the back and the other on the side of the display. Ensure the voltage matches the device's specifications. Turn on the device using the power button.

Chapter 6

Device Operation Instructions

6.1 – Start-Up Boot

Power On the Device

- Switch on the power supply for both the host and the display screen.
- Once powered on, the display screen will show the desktop interface.

Access the Software

- Swipe upward on the display screen to open the main menu.
- Locate and open the “4D-SK” application.

Log in using the default credentials:

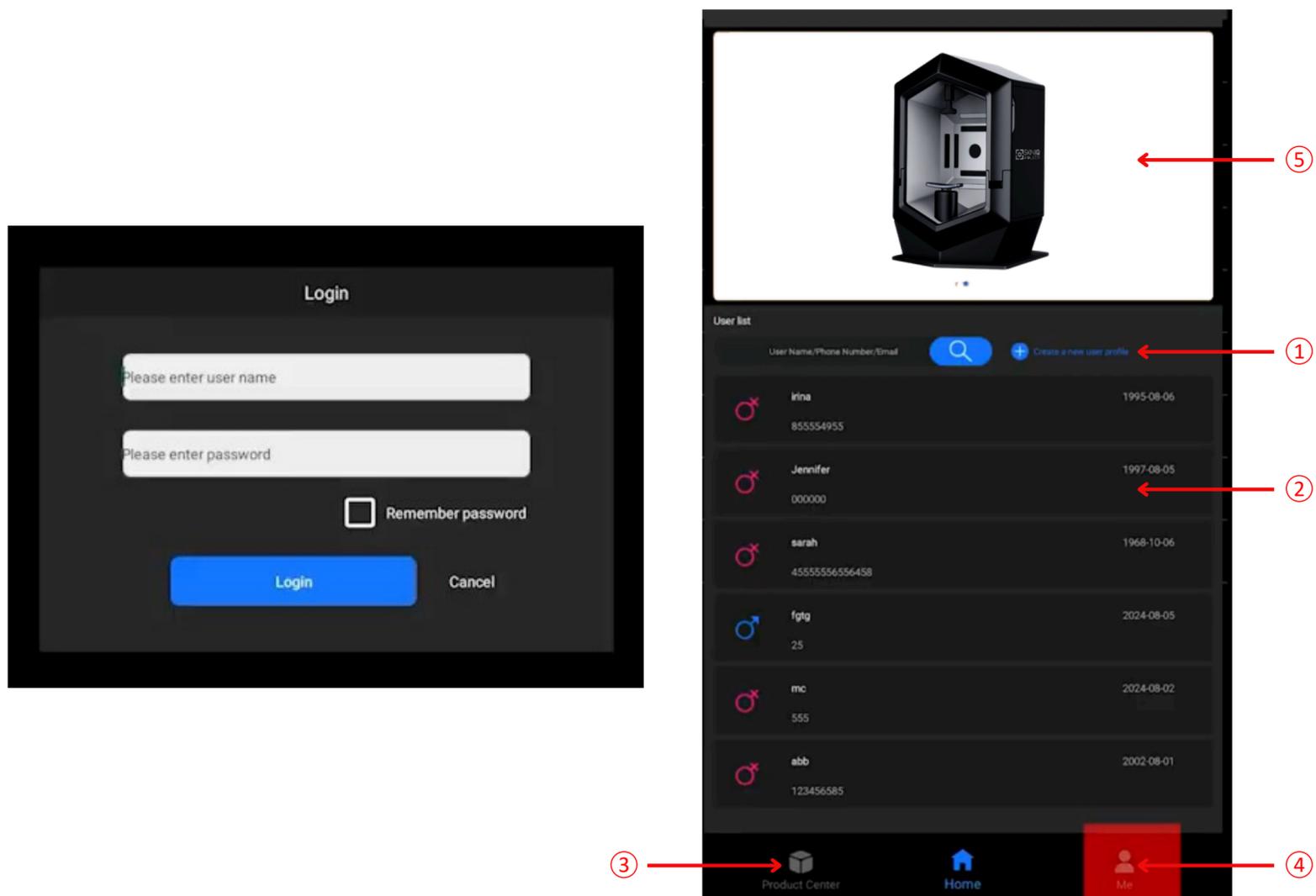
- **Username:** admin
- **Password:** 123456

Connect Host and Display

- The host and display screen communicate via a wireless connection. Before use, pairing is required.
- Navigate to the “Me” section on the main interface and select “Settings.”
- Click “WIFI Settings” to find the corresponding host name in the available connections list.
- Connect to the host, ensuring a successful pairing.

Start Using the Device

- The device is ready for operation once the host and display are paired successfully.



6.2 – Option 1: Adding a New Customer

Access the Add Customer Interface

Click on the “Add User Profile” icon to open the customer information editing screen, as illustrated in the figure.

Fill Out Customer Details

Enter the required information, including:

- Username
- Date of Birth
- Gender
- Phone Number

Fields marked with an asterisk (“ * ”) are mandatory, while others are optional.

Review and Confirm Consent

At the bottom of the form, check the Customer Consent Notice to confirm the agreement.

Save and Proceed

- To take a photo of the customer, click Save and Take Photo to proceed to the photo capture interface.
- If the customer does not require a photo at this time, simply click Save to complete the process.

Create a new user profile

* User Name: _____

* Gender: Male Female

* Contact Information:

E-Mail: _____

Phone number: _____

* Date of birth: _____

Profession: _____

Ever taken any aesthetic treatments?: Correct Deny

Makeup using now: _____

Agree this software to collect, process, save and make use of your personal information and pictures.

Save

Save and Photograph

Cancel

6.3 – Option 2: Client List

Access the Add Customer Interface

The Client List displays a comprehensive record of historical member customers, allowing you to manage customer information efficiently. Key features include:

Search Functionality

- Search for customers by name or other identifying details.

Customer History

- View a detailed history of the customer, including past interactions and diagnostic reports.

Manage Customer Information

- Modify customer details, delete profiles, or update their records.
- Re-capture customer photos if needed.

Important: Once customer information is deleted, it cannot be restored. Proceed with caution when deleting records.

6.4 – Option 3: Product Center

The Product Center provides access to various product solutions tailored to address multiple skin concerns.

Browse Product Solutions

- Explore available products and equipment based on their compatibility with different skin conditions.

Add Store Products

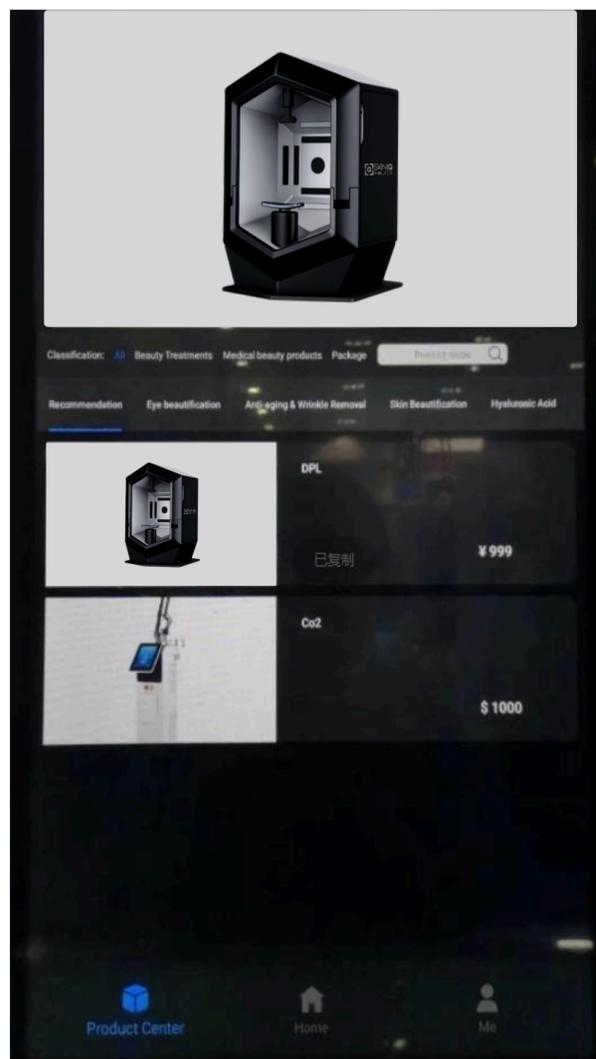
- Add your store's products to the product center, ensuring they are categorized correctly.

Recommend Solutions

- Use the product center to recommend appropriate skincare cosmetics and equipment to customers based on their diagnostic results.

This feature enhances customer satisfaction by providing tailored recommendations for their unique skincare needs.

6.4.1 – Accessing the Product Addition Function



In the Settings menu, navigate to the Product Management Interface. Press the “+” button to add a new product. This will open the product entry form, allowing you to input the required product attributes.

Entering Product Details

Product Title

Enter the product's name as it will appear in the system.

Product Cover

- Capture a photo using the integrated camera feature.
- Alternatively, upload an image from local storage.

Product Price

Input the in-store pricing for the product.

Suitable for Skin Types

Select the applicable skin type(s) from the available options:

- **Dry, Oily, Combination, Sensitive, All** (multiple selections allowed).

6.4.2 – Product Classification

The screenshot shows the 'Add product' form with the following sections:

- Product title:** A text input field.
- Product cover:** An 'Upload image' button.
- Product price:** A text input field with a dropdown arrow.
- Suitable for skin:** Checkboxes for Dryness, Oily, Mixed, Sensitive, and All.
- Product Categories:**
 - Primary Classification:** Radio buttons for Beauty Treatments, Medical beauty products, and Package.
 - Secondary classification:** Checkboxes for Recommendation, Eye beautification, Anti-aging & Wrinkle Removal, Skin Beautification, Hyaluronic Acid, Ultrasound Treatment, and Mesotherapy Hydration.
- Report Association Labels:** Checkboxes for Spot Lightening, hydrating, Cleansing, Skin Rejuvenation, Anti-aging, Repair, and Maintenance.
- Product Details:** A large text area.
- Save:** A blue button at the bottom.

This screenshot shows the same 'Add product' form with the following selections:

- Product price:** 300 with a dollar sign dropdown.
- Suitable for skin:** All checkboxes (Dryness, Oily, Mixed, Sensitive, All) are checked.
- Product Categories:**
 - Primary Classification:** 'Beauty Treatments' is selected with a radio button.
 - Secondary classification:** Checkboxes for Recommendation, Eye beautification, Anti-aging & Wrinkle Removal, Skin Beautification, Hyaluronic Acid, Ultrasound Treatment, and Mesotherapy Hydration are all checked.
- Report Association Labels:** Checkboxes for Spot Lightening, hydrating, Cleansing, Skin Rejuvenation, Anti-aging, and Repair are all checked.

- **First-Level Classification:** Select a single category.
- **Second-Level Classification:** Multiple selections are possible.

Report-Related Tags:

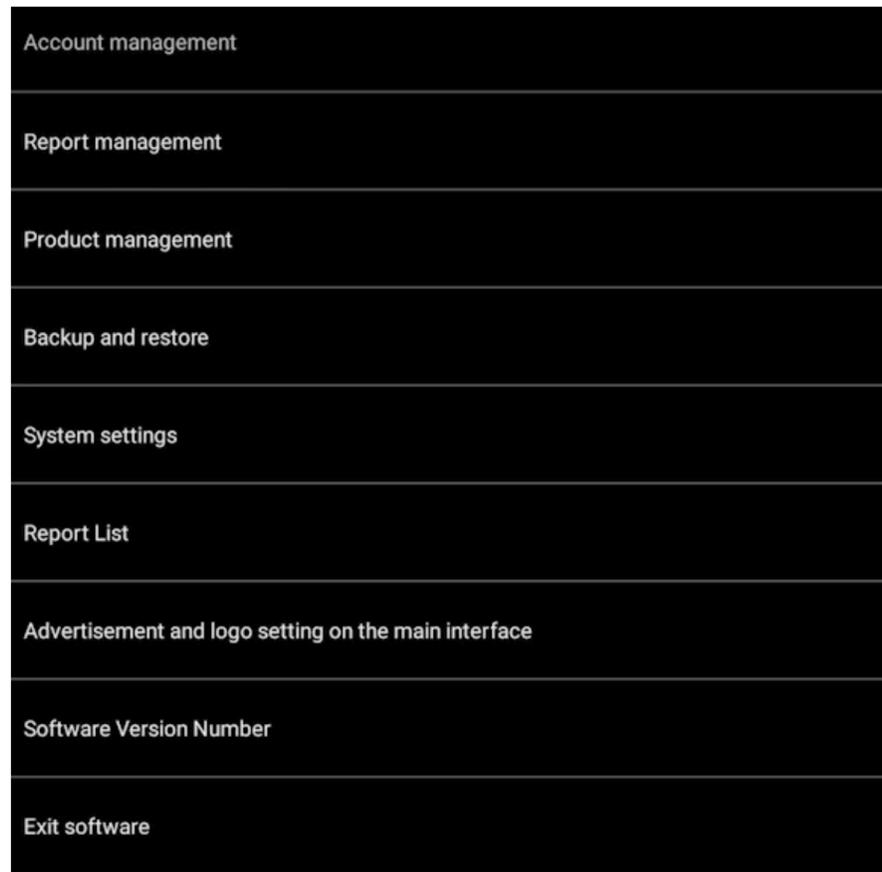
Assign relevant tags based on the product’s benefits. Multiple selections are allowed, including:

- Skin Rejuvenation
- Lightening
- Hydration
- Repair
- Maintenance
- Anti-Aging
- Cleansing

Saving the Product

Once all required attributes have been entered, click the “Save” button to confirm and add the product to the system. You can access the product list and edit any details as needed for further modifications.

6.5 – Option 4: Me



This is mainly for software settings and network function settings.

Account Management

- Users can modify their account password for security and accessibility.

Report Management

- Customize care recommendations for skin concerns detected in images.
- Recommendations can be tailored to align with your own products and treatments.

Product Management

- Access the Product Management Interface to manage inventory.
- Edit a Product: Press the Edit button to modify product details and save changes.
- Delete a Product: Press the Delete button to remove a product permanently.

Backup & Restore

- Use the Backup function to store customer data securely.
- In case of accidental data loss, customer information can be restored using the backup file.

System Settings

- Configure Wi-Fi settings for system connectivity and updates.

Main Interface Advertising & Logo Settings

- Customize the advertising banner and logo on the main interface, reports, and analysis results.

***Advertising Area:** This can also promote in-store products or instrument projects. Moreover, it also displays in-store promotional activities to attract customer engagement.

Software Version Information

- The current software version number is displayed here for reference.

Exiting the Software

- Press the Exit button to close the software safely.

For further assistance, refer to the system settings or contact technical support.

6.6 – Shooting interface

To ensure accurate skin analysis, please follow the instructions below when capturing facial images:

Makeup Check

- Confirm whether the customer is wearing makeup before taking the photo.
- Remove all makeup before imaging, as it may interfere with data accuracy.

Proper Positioning

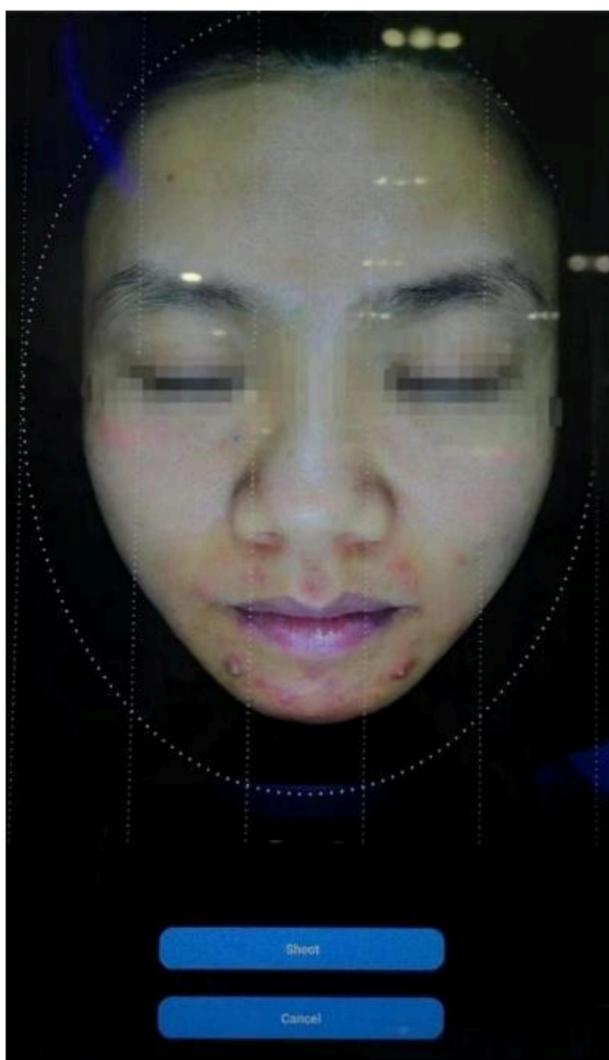
Align the face within the designated photo area of the instrument.

- Chin Placement: Position the chin firmly on the chin stand.
- Forehead Placement: Rest the forehead against the forehead stand.
- Shading Cover: Lower the shading cover to minimize external light interference.

Capturing the Image

- Press the Photo Button to begin imaging.
- The customer must close their eyes and remain still during the process.
- The system will produce an audible “click” sound for each image captured.
- Multiple images will be taken from different angles to ensure comprehensive analysis.

Following these steps will help maintain precise and reliable skin diagnostics.



There will be four shooting sounds of “click” and “click.” After the shooting, the operator will prompt you to leave your seat.

6.7 – Analysis Results Interface

Initiating the Analysis

- Once the image capture process is complete, click the “Start Analysis’ button.
- The system will process the captured images and conduct a comprehensive skin analysis.

Processing Time

- The analysis typically takes approximately 1 minute to generate results.
- During this time, avoid interruptions or system navigation to ensure a seamless analysis process.

Viewing Analysis Results

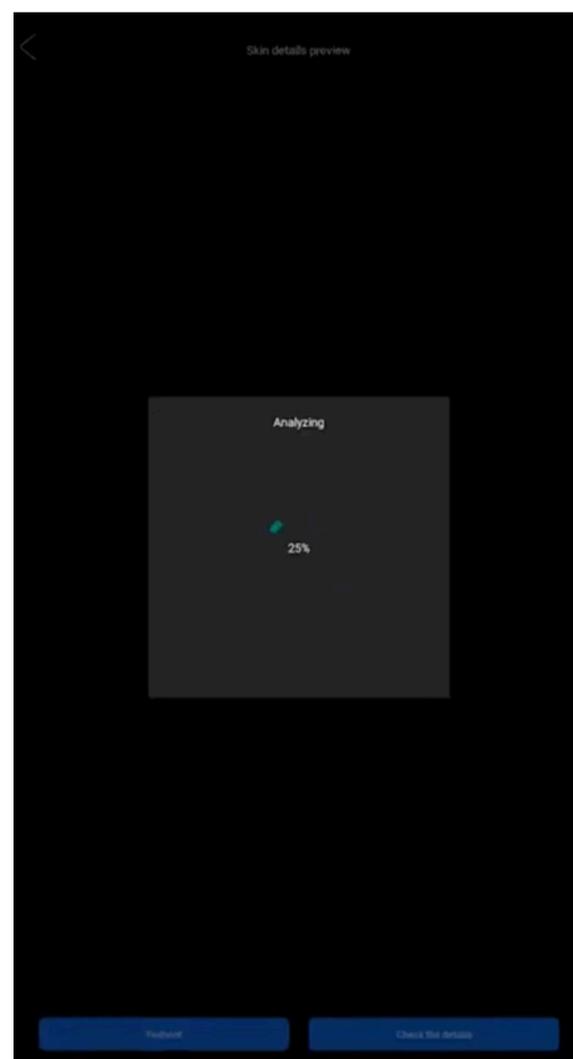
- The system will automatically redirect to the Analysis Results Overview Chart upon completion.
- This screen will display key skin analysis data, including detailed skin condition metrics and overall assessment.

Zooming in for Detailed View

- The images of individual analysis results can be enlarged for closer inspection.
- Use the two-finger zoom gesture on the touchscreen to magnify specific areas and examine finer details.



Shooting Completion Interface



Analysis Interface



Analysis Result Interface



Result Details Interface

After completing the image analysis, users can access a detailed quantitative skin assessment by clicking “View Details.” This section provides an in-depth understanding of current skin conditions, allowing for targeted skincare solutions.

6.7.1 – Accessing Detailed Analysis

Initiating the Analysis

- Click “View Details” to enter the quantitative skin analysis results.
- The system will highlight the customer’s specific skin concerns, offering a clearer understanding of their skin condition.

Users can explore further insights through:

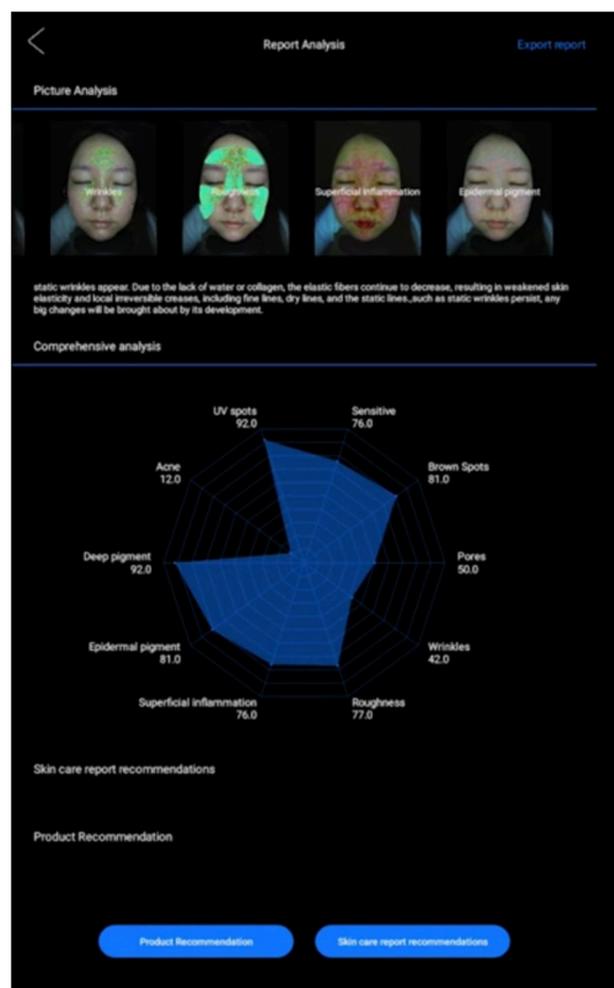
- **“View Report”** – A comprehensive breakdown of detected skin issues.
- **“AI Prediction”** – Future skin condition forecasting based on current data.
- **“Skin 3D”** – A three-dimensional visualization of the skin’s surface and deeper layers.

6.7.2 – Explanation of Skin Parameters

Skin Concern	What It Measures	How to Interpret
Pores	Assesses pore congestion	Red circles indicate clogged pores – the more circles, the more severe the blockage.
Wrinkles	Identifies fine lines and wrinkles	Shows current wrinkle distribution on the face.
Roughness	Evaluates skin texture	It uses polarized light to assess unevenness on the skin surface.
Dermal Pigment	Analyzes pigmentation beneath the skin	Maps the deep pigment distribution on the face.
Surface Pigment	Assesses pigmentation on the skin's surface	Displays subcutaneous pigmentation, blood vessels, and skin tone uniformity.
Deep Pigment	Detects melanin deposits	Appears as black areas representing deeper pigmentation.
Acne	Monitors sebum and blackhead levels	Highlights oil secretion and the blackhead-prone regions.
UV Spots	Reveals sun-induced damage	Displays pigmentation that is visible under UV light.
Sensitive Areas	Detects inflammation and irritation	Identifies hemoglobin levels and regions prone to sensitivity.
Brown Area Spots	Analyzes UV pigmentation	Displays UV pigment levels minus RGB spots.

6.7.3 – Interpreting the Results

- Each parameter provides visual indicators (colour coding, spot mapping, and overlays) to help users identify problem areas.
- The analysis enables professionals to recommend personalized treatments and skincare solutions based on scientific data.



Once the quantitative analysis is complete, users can export and save the analysis results as a detailed diagnostic report for future reference or professional consultation.

6.7.4 – Steps to Export the Report

Navigate to the upper right corner of the screen.

Click the “Export Report” button.

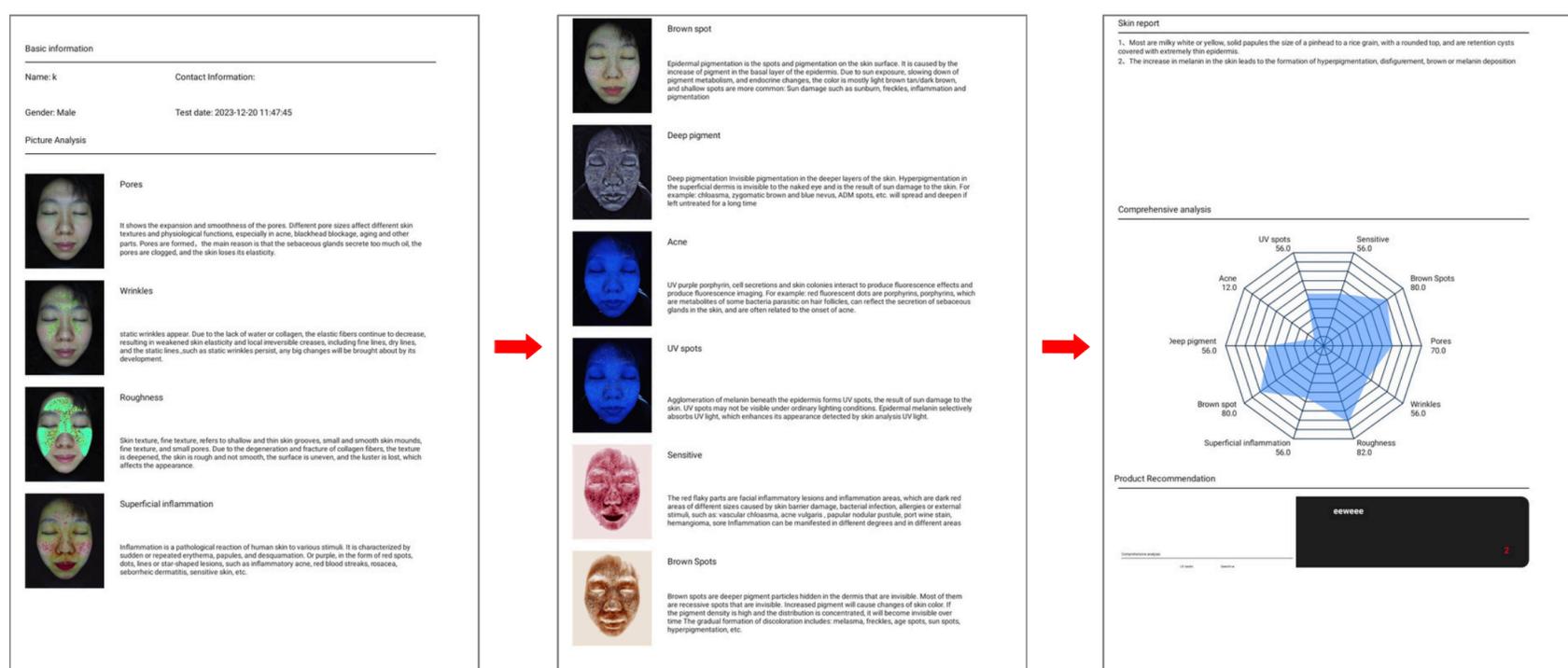
The system will automatically generate a diagnostic report in PDF format containing the following:

- Comprehensive skin analysis data
- Identified concerns and conditions
- Graphical representations and visual insights
- Recommended skincare solutions (if applicable)

Once the report is generated, you will have the option to:

- Save the PDF to a local device or cloud storage.
- Print a hard copy for professional review.
- Share via email for remote consultation or client follow-up.

NOTE: Ensure there is sufficient storage space available on your device before exporting the report to prevent interruptions or data loss.



After completing the quantitative analysis, users can perform a comparative analysis to evaluate skin condition changes over time. This feature enables tracking progress, treatment effectiveness, and overall skin improvements.

6.7.5 – How to Perform Comparative Analysis

Access Historical Data

- Navigate to the customer profile homepage.
- View the historical analysis records, which store previous diagnostic results.

Select Data for Comparison

- Choose two different periods for comparison, or select a single dataset to review individual results.
- The selected analysis data will be displayed for evaluation.

Initiate Comparison

Click the “Compare” button to analyze and compare up to 10 skin analysis parameters, including:

- Pores
- Wrinkles
- Skin roughness
- Dermal pigment
- Surface pigment
- Deep pigment
- Acne levels
- UV spots
- Skin sensitivity
- Brown area spots

NOTE: Ensure data is accurately recorded and retrieved from the same facial areas for the most precise comparison results.



After completing the quantitative analysis, users can utilize the AI Prediction function to forecast potential skin changes based on their current skin condition. This feature provides insights into skin aging, whitening effects, uneven skin tone, and other concerns, helping users take proactive skincare measures.

6.7.6 – How to Use the AI Prediction Function

Access AI Prediction

- Navigate to the “View Details” interface.
- Click the “AI Prediction” button to generate an automated skin forecast.

Understanding the AI Analysis

The AI system will analyze existing skin data and predict:

- Skin Aging: Forecasts the rate of wrinkle formation and collagen loss over time.
- Whitening Effect: Assesses skin brightness levels and the potential for complexion improvement.
- Uneven Skin Tone: Detects pigmentation inconsistencies and predicts future discoloration trends.
- Other Skin Concerns: AI may also predict acne tendencies, hydration levels, and sensitivity issues based on current skin health.

Viewing & Using Predictions

- AI-generated predictions are displayed visually, along with potential future skin conditions.
- Users can adjust their skincare routine and treatment plans accordingly.

NOTE: Ensure data is accurately recorded and retrieved from the same facial areas for the most precise comparison results.



The Skin 3D function provides an enhanced, detailed view of the skin using 3D imaging technology. This feature allows users to examine their skin condition more clearly with the aid of a magnifying tool, making it easier to identify pores, pigmentation, fine lines, and other concerns at a deeper level.

How to Use the Skin 3D Function

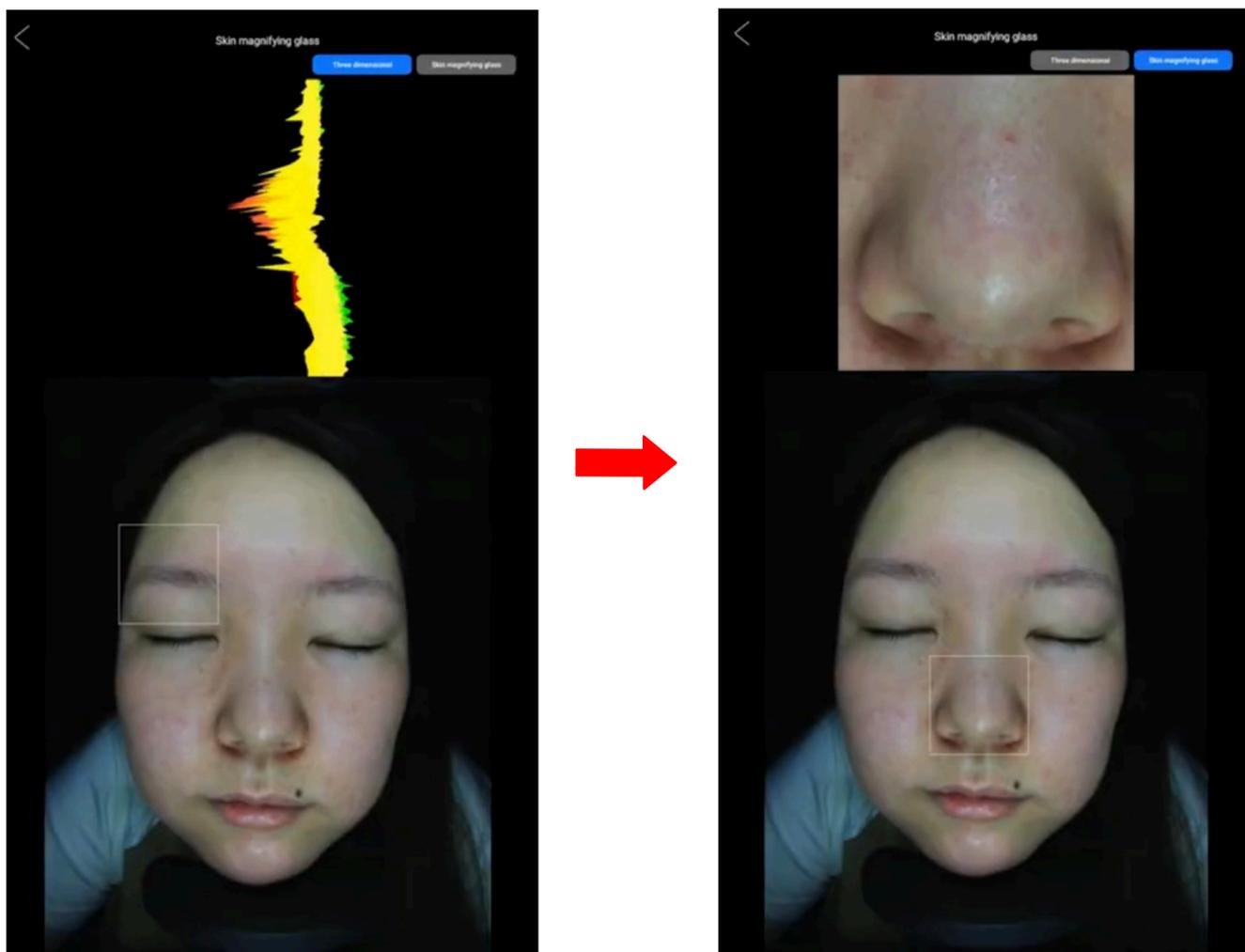
Access Skin 3D

- Once the quantitative analysis is complete, navigate to the “View Details interface.
- Click the “Skin 3D” button to activate the 3D visualization mode.

Exploring Skin Details

- The 3D imaging technology provides an interactive, high-resolution view of the skin surface.
- Use the magnifying glass tool to zoom in on specific areas for a closer inspection.

NOTE: Ensure data is accurately recorded and retrieved from the same facial areas for the most precise comparison results.



Chapter 7

Safety Warnings and Precautions

To ensure this device's safe and optimal use, please adhere to the following safety warnings and precautions. Failure to follow these instructions may result in device malfunction, electric shock, or inaccurate results.

7.1 – Handling and Maintenance

- Do not touch the lens or LED components with your fingers, as this may damage, smudge, or degrade the optical quality.
- If the lens is dirty or damp, clean it with a dry, lint-free cloth or professional lens paper. Avoid applying excessive pressure to prevent scratches or misalignment.
- This device is not designed for outdoor use. Exposure to high temperatures, humidity, or direct sunlight can damage sensitive components.

Recommended Storage Conditions

- Temperature: 0°C to 40°C
- Relative Humidity: 45% to 85%

7.2 – Electrical Safety

- Do not disassemble or modify the product's internal structure, as this may result in malfunctions, electric shock hazards, or void warranty coverage.
- Never plug in or unplug the power adapter or any connectors with wet hands to prevent electric shock or short circuits.
- Use only compatible power outlets and adapters. Inserting the plug into an incompatible socket may cause damage or fire hazards.

If liquid enters the device:

1. Unplug the USB cable immediately.
2. Do not attempt to dry the device using a hair dryer or any external heat source.
3. Send the device to an authorized repair center for servicing.

To prevent tripping hazards, always secure the USB cable properly when the device is not in use.

7.3 – Usage Guidelines for Accurate Results

- Ensure the face is positioned within the shooting range before capturing images.
- Hair must not exceed the forehead hairline during imaging. Use the provided black headband to keep hair away from the face.
- Eyeglasses should be removed before taking photos. Users must take four sequential images before completing the process.
- Cleanse the face before imaging for best accuracy. Residual makeup, oil, or dirt may affect the analysis results.

Clothing Recommendations

- Wear white clothing for better light balance.
- Use a blackout cloth to prevent reflected light interference.

For optimal comparison results, retake images after completing treatment sessions to track skin improvements effectively.

7.4 – Moving & Transporting the Device

- Unplug the power supply before moving the computer or pad connected to the detector. This prevents potential electrical damage or data loss.
- Store the device in a dry and dust-free environment to maintain its longevity and performance when not in use.

Chapter 8

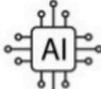
Maintenance

8.1 – Common Troubleshooting

SN	Fault Phenomenon	Cause Analysis	Solution
A1	Device Cannot be Powered On	The power cord is in poor contact, or the power socket is out of power.	Check for poor contact between the machine and the socket end of the power cord and rule it out. If the voltage of the electrical socket does not match the nominal voltage or there is no power, then rule it out.
		The power switch is not turned on.	Check that the power switch should be in the “on” position, and eliminate any discrepancies.
		No insurance or insurance damage.	- If it is found that the fuse is not installed, install another fuse. - If the fuse is open, replace the fuse. - If the inside of the fuse is severely blackened, it may be caused by a short circuit in the internal circuit. You need to eliminate the internal fault before replacing the fuse and testing the machine.
B1	Unable to Enter the Software Interface After Booting	The login password is incorrect.	Enter the correct login password. After entering the correct password, you can also click to remember the password. This allows you to log in to the software directly next time.
B2	Can't Take Pictures	The device is not connected.	Turn on the WiFi switch in the tablet settings. After logging into the software, the tablet will automatically connect to the corresponding wireless network. If it doesn't, return it to the factory for repair.
B3	Photo Lag	Interference from nearby devices.	Turn off equipment with radio frequency or strong pulses.
		Staying in the photo interface for a long time.	Turn off equipment with radio frequency or strong pulses.

Chapter 9

Advantages

 <p>35 million high-definition pixels, medical-grade high-definition camera with sensor chip up to 1920*1080 resolution.</p>	 <p>50 times magnification macro with 4 spectrum detection:</p> <ul style="list-style-type: none"> • Daylight • Parallel polarized light • Cross polarized light • UV light
 <p>Equipped with a unique annular capacitive moisture detection electrode: Test the moisture content of the skin.</p>	 <p>AI intelligent analysis of 6 major skin problems: Pigmentation, sensitivity, large pores, clogged pores, grease, wrinkles, AI recognition mark calculation degree, professional analysis report generation, customized exclusive skin care solutions.</p>