

HNZXIB A6

HNZXIB A6 AI Skin Analyzer Machine User Manual

Model: A6
Brand: HNZXIB

1. INTRODUCTION

The HNZXIB A6 AI Skin Analyzer Machine is an advanced device designed for professional skin health detection and analysis. Utilizing artificial intelligence and high-resolution imaging, it provides detailed insights into various skin conditions, aiding in the development of personalized skincare plans. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your A6 device.

Key Features:

- **Advanced 8-Spectral Skin Analysis:** Accurately detects wrinkles, acne, pores, fine lines, redness, and moisture levels.
- **36MP Ultra-HD Precision Camera:** Reveals microscopic skin details for scientifically accurate recommendations.
- **Smart AI Real-Time Reports:** Generates easy-to-understand skin health insights for tracking progress.
- **User-Friendly Touchscreen & Portable Design:** Features a large, intuitive display suitable for salons, spas, and home use.
- **Multi-Language & All Skin Types Support:** Compatible with various skin types and supports multiple languages.



Figure 1.1: HNZXIB A6 AI Skin Analyzer Machine overview.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the device to ensure safe and proper use. Failure to follow these instructions may result in injury or damage to the device.

- **Electrical Safety:** Ensure the device is connected to a grounded power outlet with the correct voltage (110V/60Hz). Do not operate with wet hands or in damp environments.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Placement:** Place the device on a stable, flat surface to prevent tipping. Ensure adequate ventilation around the unit.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth for cleaning the exterior. For the screen and camera lens, use a specialized cleaning solution and cloth.
- **Maintenance:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

- **Intended Use:** This device is intended for skin analysis purposes only. Do not use it for any other medical diagnosis or treatment without professional guidance.

3. SETUP

Follow these steps to set up your HNZXIB A6 AI Skin Analyzer Machine:

1. **Unpack the Device:** Carefully remove all components from the packaging. Retain the packaging for future transport or storage.
2. **Position the Device:** Place the main unit on a sturdy, level surface at a comfortable height for operation. Ensure there is enough space around the device for proper use and ventilation.
3. **Connect Power:** Plug the power adapter into the device's power input port, then connect the adapter to a suitable electrical outlet.
4. **Initial Power On:** Press the power button (location specified in the diagram below) to turn on the device. The system will boot up, and the touchscreen display will activate.
5. **Language Selection:** Upon first boot, you may be prompted to select your preferred language. Follow the on-screen instructions.



Voltage	110V/60Hz	Dimensions	636x521x489mm
Net/Gross Weight	9.5KG/14.6KG	Material	Industrial Grade ABS
Pixel	36 Million pixel	WIFI	2.4G,5G
Central Processor	Rockchip RK3568; Quad-core Cortex-A55	Motherboard	R10-S6810 Pmotherboard
Main Memory	Dual-channel LP DD R4,4G	Storage	MMC5.1,32G
Operating Method	Multi-point capacitive touch	Screen Size	15.6 inches
Spectrum	RGB white light;Positive polarized light; Negative polarized light; Wood's light;Uv light;Red light; Brown light; Mixed light		

Figure 3.1: Device dimensions and physical layout for setup.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** Press and hold the power button for a few seconds to turn the device on or off.
- **Touchscreen Navigation:** The device features a multi-point capacitive touchscreen. Navigate through menus and options by tapping, swiping, and pinching as you would with a tablet.
- **User Interface:** The main screen provides access to various functions, including starting a new analysis, viewing reports, and system settings.

4.2 Skin Analysis Process

The A6 AI Skin Analyzer offers comprehensive analysis through its 8-spectrum imaging and 3D shooting capabilities.

1. **Client Preparation:** Ensure the client's face is clean and free of makeup or heavy skincare products for accurate results.
2. **Positioning:** Guide the client to place their face comfortably within the device's scanning area. The device supports 3D shooting from left, front, and right angles for a comprehensive view.



Figure 4.1: 3D shooting angles for comprehensive skin analysis.

3. **Start Scan:** Select the desired analysis mode on the touchscreen. The device will automatically capture images using its 36-million high-definition camera and 8-spectrum imaging technology.
4. **Analysis Indicators:** The device analyzes up to 17 testing indicators, including:



AI Expert for Skin Management Analysis

Intelligent Skin Detector

- 20 inspection items
- 8-spectrum imaging
- 36 million high-definition camera
- 3 report modes
- 3D Shooting
- 2 skin testing modes
- Skin tones available
- 17 testing indicators

Multidimensional shooting / Multiple skin testing modes /
Multiple comparative analyses / Realistic skin beauty
simulation / Cloud data storage / File management /
Skin testing result adjustment / Backend system management



Figure 4.2: Key skin health indicators detected by the A6 analyzer.

These indicators include: Moisture, Pores, Blackheads, Porphyrins, Comedones, Acne, Roughness, Oil, Sensitivity, Red Veins, Deep Pigment, Brown Pigment, and Fluorescence. The device also provides microscopic presentations under different light conditions:

AI Intelligent Imaging Instrument

Skin Problems, Microscopic Presentation



Thirteen detection indicators:
oil, porphyrin-acne, blackheads, acne, telangiectasia, UV spots (chloasma, post-acne marks, etc.), fluorescent agents, brown spots, texture-collagen



Figure 4.3: Microscopic presentation of skin problems under various light spectra.

5. **Report Generation:** After the scan, the device will instantly generate a detailed report. These reports are easy to understand and can be used to track progress and optimize skincare routines. The system supports cloud data storage and file management for easy access and organization of client data.

4.3 Application Scenarios

The HNXXIB A6 AI Skin Analyzer Machine is versatile and suitable for various professional environments:

- Beauty Clubs
- Plastic Surgery Hospitals
- Beauty Studios
- General Skin Management Centers

Application



Beauty clubs

Plastic Surgery Hospital



Beauty studio

Skin management



Figure 4.4: Common application environments for the A6 device.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HNZXIB A6 AI Skin Analyzer Machine.

- **Cleaning the Exterior:** Regularly wipe the exterior surfaces with a soft, dry, lint-free cloth. For stubborn marks, a slightly damp cloth with mild, non-abrasive cleaner can be used, ensuring no liquid enters the device.
- **Screen Cleaning:** Use a screen-specific cleaning solution and a microfiber cloth to clean the touchscreen. Avoid harsh chemicals or abrasive materials.
- **Camera Lens:** The camera lens is crucial for accurate analysis. Use a lens cleaning pen or a soft, dry, lint-free cloth specifically designed for optical lenses. Do not touch the lens with your fingers.
- **Software Updates:** Periodically check for software updates through the device's settings menu. Keeping the software updated ensures access to the latest features and performance improvements.

- **Storage:** When not in use for extended periods, store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging if available.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your device. For problems not listed here, please contact customer support.

- **Device Does Not Power On:**
 - Ensure the power cable is securely connected to both the device and the electrical outlet.
 - Verify the power outlet is functional by plugging in another device.
 - Check if the power adapter is damaged.
- **Screen Is Unresponsive:**
 - Restart the device.
 - Ensure the screen is clean and free of debris or moisture.
- **Inaccurate Analysis Results:**
 - Ensure the client's face is clean and properly positioned during the scan.
 - Clean the camera lens.
 - Ensure the device software is up to date.
- **Device Overheating:**
 - Ensure adequate ventilation around the device.
 - Operate the device in a room with a suitable ambient temperature.

7. SPECIFICATIONS

Detailed technical specifications for the HN ZXIB A6 AI Skin Analyzer Machine:

Feature	Specification
Voltage	110V/60Hz
Dimensions (L x W x H)	636 x 521 x 489 mm (25.04 x 20.51 x 19.25 inches)
Net/Gross Weight	9.5KG / 14.6KG (20.9 lbs / 32.2 lbs)
Material	Industrial Grade ABS

Feature	Specification
Pixel	36 Million pixel
WiFi	2.4G, 5G
Central Processor	Rockchip RK3568; Quad-core Cortex-A55
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Main Memory	Dual-channel LP DD R4,4G
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8. WARRANTY AND SUPPORT

The HNZXIB A6 AI Skin Analyzer Machine comes with a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions. For technical support, service, or warranty claims, please contact your authorized dealer or HNZXIB customer service.

For further assistance, please visit the [HNZXIB Store on Amazon](#).