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› visiPower Fingerprint Attendance Machine (Model: Fingerprint_2) User Manual

visiPower Fingerprint_2

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INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your visiPower Fingerprint Attendance Machine, Model Fingerprint_2. This device is designed to manage employee attendance efficiently using biometric fingerprint recognition and password authentication. It features a 2.4-inch TFT screen for easy interaction and supports data transfer via USB.

PRODUCT FEATURES

- Adheres to national security product standards, suitable for office, factory, hotel, and school entrances/exits.
- Equipped with an energy-saving optical fingerprint sensor and power management functions.
- Features a 2.4-inch TFT screen for clear display and user interaction.
- Supports easy fingerprint enrollment and sharing across compatible visiPower terminals.
- Offers USB Flash Drive download and USB communication for data transfer.
- No additional software required; supports T9 input for direct entry of names, departments, and other information.
- Generates attendance reports directly from the device, simplifying user operation.
- Supports both Chinese and English languages.
- Operates with a DC 5V/1A power adapter.
- Effective fingerprint collecting area of 16x16mm.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x visiPower Fingerprint Attendance Machine
- 1 x Power Adapter (DC 5V/1A)
- 4 x Mounting Screws
- 4 x Expansion Tubes

1. Device Overview



Figure 1: Front view of the visiPower Fingerprint Attendance Machine. This image displays the 2.4-inch TFT screen, the numerical keypad, and the optical fingerprint sensor on the right side. The screen shows a digital clock and date.

2. Mounting the Device

1. Choose a suitable location for installation, ensuring it is easily accessible for employees and protected from direct sunlight or moisture.
2. Use the provided mounting screws and expansion tubes to securely attach the device to a wall. Refer to Figure 2 for the location of mounting holes on the back of the unit.



Figure 2: Back view of the attendance machine. This image shows the mounting holes for wall installation and ventilation slots.

3. Power Connection

1. Connect the provided DC 5V/1A power adapter to the power input port on the side of the device.
2. Plug the power adapter into a standard electrical outlet. The device will power on automatically.



Figure 3: Side view illustrating connection ports. This diagram highlights the USB port for U disk (upload/download data), another USB port for communication, and the power input port.

4. Initial Settings

1. Upon first power-on, the device may prompt you to set the date and time. Use the keypad and navigation buttons (up/down arrows, OK) to adjust these settings.
2. Access the main menu by pressing the **MENU** button. You may be prompted for an administrator fingerprint or password if one has been set.

OPERATING INSTRUCTIONS

1. User Enrollment (Fingerprint/Password)

1. Press **MENU** to enter the main menu.
2. Navigate to **User Management** or **Enroll User**.
3. Select **Enroll Fingerprint** or **Enroll Password**.
4. Follow the on-screen prompts to register a new user. For fingerprint enrollment, place the finger firmly on the sensor multiple times as instructed. For password enrollment, enter a numerical password.
5. Assign a User ID to each new user.

2. Recording Attendance

1. To clock in or out, simply place your registered finger on the fingerprint sensor.
2. Alternatively, enter your User ID and then your password using the keypad.
3. A confirmation message will appear on the screen, indicating successful attendance recording.

3. Data Download (USB Flash Drive)

1. Insert a USB flash drive into the "U disk" port on the side of the device (refer to Figure 3).
2. Press **MENU** to enter the main menu.
3. Navigate to **Data Management** or **Download Data**.
4. Select the desired data type (e.g., attendance records, user information) and confirm the download. The data will be saved to the USB flash drive in a compatible format.

4. Record Query

Users can query their own attendance records directly on the device after successful authentication (fingerprint or password). This feature allows individuals to review their clock-in/out times without needing to access the main system.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device's screen and fingerprint sensor. Avoid using abrasive cleaners or solvents.
- **Environment:** Ensure the device is operated within the specified temperature and humidity ranges (0°C~ +45°C, 20%~80% RH). Keep it away from water, dust, and direct heat sources.
- **Power:** Always use the original power adapter provided with the device.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power, faulty adapter, or loose connection.	Check power adapter connection and wall outlet. Ensure the adapter is functioning correctly.
Fingerprint not recognized.	Finger is wet, dirty, or improperly placed. Fingerprint not enrolled or damaged.	Ensure finger is clean and dry. Place finger firmly and completely on the sensor. Re-enroll fingerprint if issues persist.
Cannot download data to USB.	USB flash drive is full, incompatible, or not properly inserted.	Ensure USB drive has sufficient space and is formatted correctly (FAT32 recommended). Re-insert the USB drive firmly into the correct port.
Screen is blank or frozen.	Software error or temporary malfunction.	Restart the device by disconnecting and reconnecting the power. If the problem persists, contact support.

SPECIFICATIONS

Feature	Detail
Model	A6 (Fingerprint_2)
TFT Screen	2.4 inch
Fingerprint Sensor	Energy-saving Optical Fingerprint Sensor (Resolution: 500DPI)
CPU	32bit CPU
Fingerprint Capacity	600
Log Capacity	100,000 events
Communication	USB
Identification Mode	Fingerprint, Password
USB Flash Drive Up/Download	Available
Record Query	Available (users can query their own attendance record after authentication)
Rotational Angle	Total Rotational Angle

Feature	Detail
Effective Collecting Area	16 x 16mm
Identification Time	< 1 second
FRR (False Rejection Rate)	< 0.1%
FAR (False Acceptance Rate)	< 0.0001%
Operating Mode	Off-line / Online
Authentication Mode	1:1, 1:N
Language	Chinese, English
Voice Prompt	Available
Power Management	Auto Sleep Time, Auto Power Off Time
Power Adapter	DC 5V/1A
Operating Temperature	0°C ~ +45°C
Operating Humidity	20% ~ 80% RH
Terminal Size	170(L) x 118(W) x 30(H) mm
Weight	0.65 KG

WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please contact your retailer or the visiPower customer support directly. Please have your product model number (Fingerprint_2) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question