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Zunate B0FY76X6YR

Zunate USB Fingerprint Reader User Manual

Model: B0FY76X6YR

1. Introduction

This manual provides instructions for the Zunate USB Fingerprint Reader, a biometric scanner designed for secure and fast login on personal computers. This device supports Windows 10 and 11, offering seamless integration with Windows Hello for password-free access and file encryption.

The Zunate USB Fingerprint Reader features a 360-degree touch recognition system, ensuring high accuracy and a rapid response time of less than 0.3 seconds. Its self-learning algorithm continuously improves recognition rates with each use.



Figure 1: Zunate USB Fingerprint Reader connected to a desktop PC and a laptop, illustrating biometric login and one-key lock screen functionality.

2. Setup Instructions

Follow these steps to set up your Zunate USB Fingerprint Reader:

1. **Connect the Device:** Plug the USB-A connector of the fingerprint reader into an available USB port on your PC, laptop, or desktop computer. The device comes with a 1.5-meter (5ft) extension cable for optimal positioning.
2. **Automatic Driver Installation:** The operating system (Windows 10/11) will automatically detect and install the necessary drivers. No manual driver installation is typically required.
3. **Verify Installation:** You can verify the successful installation by checking your computer's Device Manager under 'Biometric devices'.
4. **Register Fingerprints:** Once the device is recognized, proceed to register your fingerprints through Windows Hello settings. This is crucial for enabling biometric login.



Figure 2: Connecting the Zunate USB Fingerprint Reader to a laptop for secure login.



Figure 3: Automatic driver installation and device recognition in Windows Device Manager.

3. Operating Instructions

The Zunate USB Fingerprint Reader simplifies secure access to your computer and files.

3.1. Fingerprint Registration (Windows Hello)

To use the fingerprint reader for login, you must first register your fingerprints with Windows Hello:

1. Go to **Settings** > **Accounts** > **Sign-in options**.
2. Under 'Windows Hello Fingerprint', click **Set up** or **Add another**.
3. Follow the on-screen prompts to scan your finger multiple times from different angles until the registration is complete.
4. You can register up to 10 fingerprints per user account. The device also supports multiple user accounts.

3.2. Logging In with Fingerprint

Once your fingerprints are registered:

1. At the Windows login screen, select the fingerprint sign-in option.
2. Place your registered finger on the fingerprint sensor. The device will recognize your fingerprint and log you in automatically within approximately 1 second.



Figure 4: Using the fingerprint reader for quick login.



Figure 5: Highlighting the fast and accurate recognition capabilities.

3.3. Encryption Function

The device supports an encryption function for securing files and website passwords:

- This feature allows you to encrypt and save website passwords and set encryption areas for folders.
- Access to encrypted content is granted by fingerprint authentication, offering a secure and efficient alternative to traditional password management.

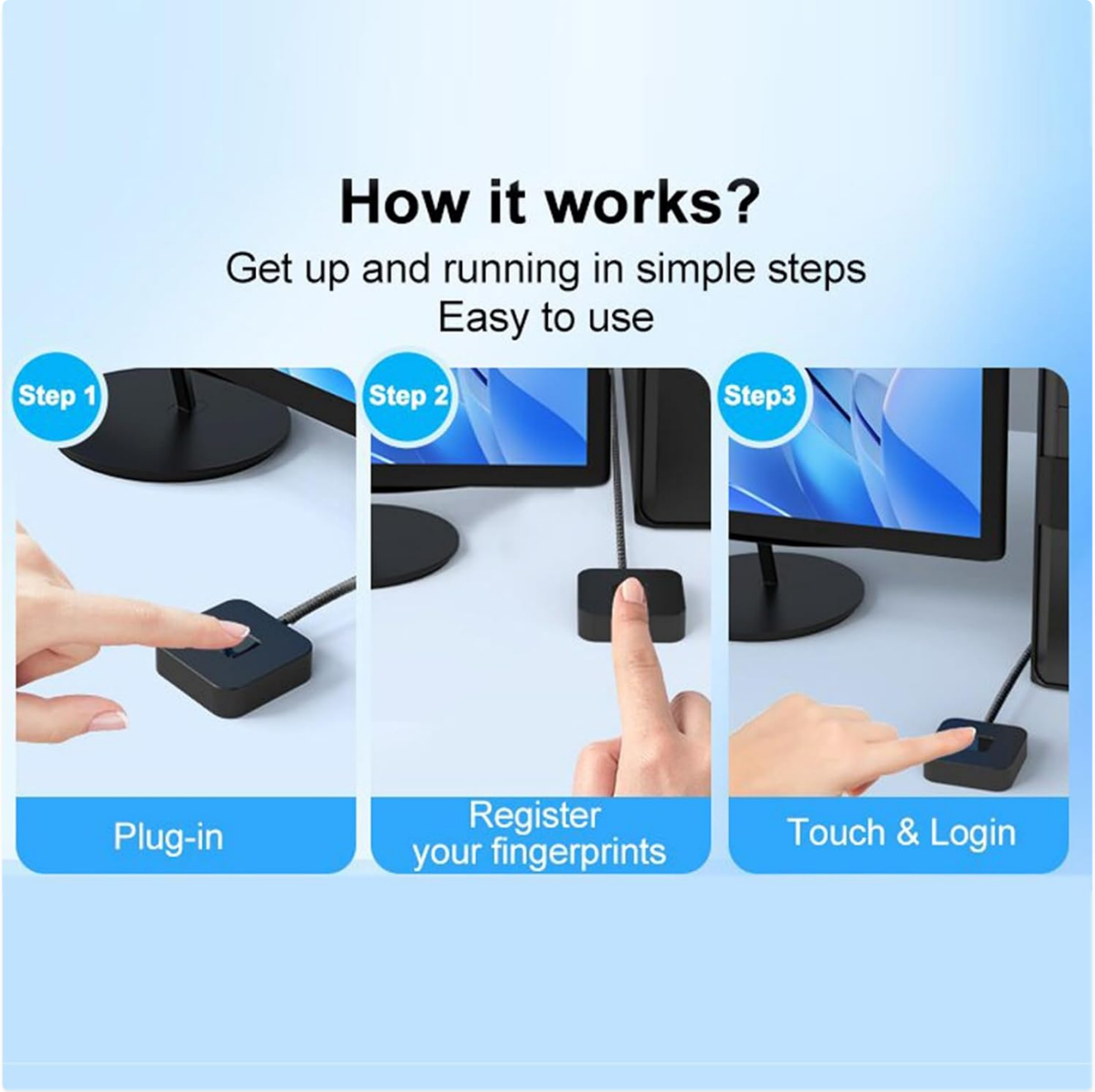


Figure 6: Overview of the simple three-step process for using the fingerprint reader.

4. Maintenance

To ensure optimal performance and longevity of your Zunate USB Fingerprint Reader:

- **Keep Clean:** Gently wipe the fingerprint sensor surface with a soft, dry, lint-free cloth to remove dust or smudges. Avoid using harsh chemicals or abrasive materials.
- **Avoid Liquids:** Do not expose the device to water or other liquids.
- **Handle with Care:** Avoid dropping the device or subjecting it to strong impacts.
- **Storage:** When not in use, store the device in a clean, dry environment away from extreme temperatures.

5. Troubleshooting

If you encounter issues with your Zunate USB Fingerprint Reader, consider the following:

- **Device Not Recognized:**

- Ensure the USB connector is fully inserted into a working USB port.
- Try a different USB port on your computer.
- Restart your computer.
- Check Device Manager to see if the device is listed under 'Biometric devices' and if there are any error indicators.

- **Fingerprint Not Recognized:**
  - Ensure your finger is clean and dry.
  - Place your entire finger pad firmly on the sensor.
  - Try different registered fingers.
  - Re-register your fingerprints in Windows Hello settings, ensuring you scan from various angles.
  - The self-learning algorithm improves with use; consistent placement helps.
- **Windows Hello Setup Issues:**
  - Ensure your Windows operating system is up to date.
  - Verify that Windows Hello is enabled in your system settings.

6. Specifications

Item Type	USB Fingerprint Reader
Material	Zinc Alloy (front and side), ABS Plastic (back)
Input Interface	USB A
Fingerprint Reader Size	Approx. 50x50x14.5mm / 1.97x1.97x0.57in
Fingerprint Sensor Size	Approx. 12.9x12.9cm / 5.08x5.08in
Cable Length	Approx. 1.5m / 5ft
Touch Type	360 Degree Touch
Fingerprint Image Size	68x118 Pixels, 508dpi
Fingerprint Registration Capacity	Maximum 10 fingerprints per user account
Reading Speed	FAR (False Acceptance Rate): <0.001%, FRR (False Rejection Rate): <0.001%
Fingerprint Sensor Matching Time	50ms
Compatibility	Windows 10/11 (32/64 Bits)
Item Weight	4.4 ounces (approx. 115g)
Manufacturer	Zunate



Figure 7: Physical dimensions and components of the Zunate USB Fingerprint Reader.

7. Warranty Information

Specific warranty details for the Zunate USB Fingerprint Reader are typically provided with your purchase documentation or can be found on the official Zunate website. Please refer to these resources for comprehensive warranty terms and conditions.

8. Customer Support

For further assistance, technical support, or inquiries regarding your Zunate USB Fingerprint Reader, please visit the official Zunate website or contact their customer service department. Contact information is usually available on the product packaging or the manufacturer's website.

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