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Safran Morpho Mso 1300 E3 Finger Print Scanner User Manual

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INTRODUCTION

For the highest level of protection and authenticity in a wide range of settings, use the Safran Morpho MSO 1300 E3 Fingerprint Scanner. For one hundred dollars, you can have a scanner that can quickly and accurately recognize fingerprints. This system, made by the esteemed Safran Morpho, provides a biometric resolution for safe identity verification by capturing precise fingerprint images using CIS optical sensor technology. The scanner is compatible with Windows-based systems easily thanks to its USB connection; Windows 7 is the minimal need. This scanner is small, lightweight, and efficient; it has a stylish red and black style and weighs only 6.35 ounces. With its dependable biometric authentication solution, rapid setup, and comprehensive functionality, the Safran Morpho MSO 1300 E3 is perfect for people and enterprises who want safe access. Priced at $100

SPECIFICATIONS

Brand	Safran Morpho
Model	MSO 1300 E3
Price	$100.00
Media Type	USB
Scanner Type	Fingerprint
Connectivity Technology	USB
Resolution	Biometric
Item Weight	6.35 ounces
Optical Sensor Technology	CIS
Minimum System Requirements	Windows 7
Sensor Size	14 x 22 mm
Authentication Time	6 seconds
Fingerprint Identification Time	8 seconds
Customizable Accuracy	Yes
Dimensions	6.7 x 1.5 x 3.8 cm
Weight	32 grams
Compatibility	Windows OS, Android (via OTG cable)
No Software Installation Required	Yes

WHAT'S IN THE BOX

- Finger Print Scanner
- User Manual

FEATURES

- The scanner's USB port makes it easy to attach it to your PC, laptop, or mobile device.
- This scanner is incredibly portable and easy to carry due to its small size and light weight of just 6.35 ounces (32 grams).
- The scanner's usage of Contact Image Sensor (CIS) technology ensures the accurate gathering of biometric data.
- The scanner makes sure to capture biometric data at a high resolution, which improves the accuracy of fingerprint identification.
- The 14 x 22 mm sensor size is perfect for obtaining clean and detailed fingerprints.
- **Fast Processing**: It can verify a fingerprint in just 6 seconds, guaranteeing lightning-fast processing.
- **Quick Detection:** The scanner can positively identify fingerprints in around 8 seconds, greatly improving efficiency and the user experience.
- Accuracy that may be adjusted to suit individual needs and security regulations is a feature that users can take advantage of.
- The device's adaptability makes it ideal for a variety of biometric identity applications, including SIM activation using Aadhaar data and document verification.
- The scanner is easy to use with compatible devices since it does not require any additional software for installation.
- Compatible with Windows 7 and later, this operating system ensures seamless interaction with the majority of desktops and laptops.
- **Android Compatibility:** The scanner's versatility is enhanced by its ability to connect to Android smartphones via an OTG connector.
- The device's compact and sturdy design makes it easy to store and transport, with measurements of 6.7 x 1.5 x 3.8 cm.
- The scanner takes fingerprints in a safe way and keeps them in a secure database, making it ideal for both personal and business use.
- **Reasonably Priced:** At around $100, it offers a dependable and inexpensive alternative for biometric authentication and fingerprint scanning.

SETUP GUIDE

- **Take it Out of the Box:** Take the scanner out of its box and give it a thorough once over for damage.
- **Verify Compatibility:** Before you buy a fingerprint scanner, make sure your computer runs Windows 7 or an updated version of Windows.
- **Plug the Scanner's USB Cable Into an Available USB Port:** Insert the USB cable from the scanner into a USB port on your computer or laptop.
- The majority of the time, you won't need any extra software, but just in case, make sure to install any drivers that your system may require.
- **Get Your System Set Up:** You can set up the scanner to work with your fingerprint by going into the device's settings menu.
- If you're using the scanner with an Android phone, you can enable functionality by connecting it to your phone using an OTG connection.
- Make sure the scanner is detected by your computer or mobile device correctly and is ready to use by testing the device connection.
- If the sensor needs it, you can calibrate it to improve the accuracy of fingerprint capture.

- Personalize the authentication settings to suit your needs, such as the speed and accuracy of fingerprint recognition.
- Start the process of getting your fingerprints registered so the scanner can recognize them.
- Make Sure the Device Accurately Recognizes Your Fingerprints by Testing the Fingerprint Registration.
- Make the necessary adjustments to the security settings, such as the levels of fingerprint matching that are required, to provide an extra layer of safety.
- **Set Up Software Integration:** If you're using any particular software for authentication or verification, make sure the scanner is compatible with it.
- To guarantee correct operation, save all configuration parameters after setup is finished.
- Before you use it, make sure it's working properly by scanning a test fingerprint.

CARE & MAINTENANCE

- Never leave a device plugged in when it's not in use to avoid unintentional damage.
- Maintain Your Scanner Maintaining a clean fingerprint sensor is as easy as wiping it down with a dry, soft cloth on a regular basis.
- If you want to keep your scanner's sensor and surface in good condition, you should avoid using abrasive cleansers and other harsh chemicals.
- The scanner's performance could be compromised if it were to become wet, so it's best to keep it in a dry, cold spot.
- The internal components of the scanner are susceptible to damage from extremely high or low temperatures, so it is important to keep it away from these conditions.
- **Maintain a Dust-Free USB Port:** For a Secure Connection, Keep the USB Port Clean.
- Please remember to periodically calibrate the fingerprint scanner in order to keep it operating at its best.
- The fingerprint sensor and internal components of the scanner are vulnerable to physical impact, so be careful not to drop or touch it.
- **Check for Signs of Wear and Tear** : Make it a habit to check the scanner, its USB cord, and its sensor for any indications of wear and tear on a regular basis.
- To keep your scanner up-to-date, compatible, and functioning properly, you should update its drivers and software periodically.
- **Avoid Prolonged Exposure to Direct Sunlight:** The scanner might overheat and break if left in the sun for too long.
- To prevent wasteful power consumption or wear and tear, disconnect the gadget while it is not in use.
- **Verify Software Compatibility:** Install the most recent version of software and check if it is compatible with the scanner.
- To avoid confusion and maximize accuracy, register a decent number of fingerprints, but don't register too many.
- **Be Gentle:** To avoid dropping it or causing the internal components to become misaligned, handle the fingerprint scanner with care.

TROUBLESHOOTING

Issue	Solution
Scanner not recognized by computer	Ensure that the USB cable is securely plugged in and the drivers are installed.
Scanner takes too long to recognize fing erprints	Clean the fingerprint sensor to remove any dirt or oils.
Fingerprint recognition accuracy is low	Ensure fingers are placed flat and properly on the sensor.
Scanner freezes or becomes unresponsi ve	Disconnect and reconnect the USB cable, or restart the system.
Scanner detects incorrect fingerprints	Re-register fingerprints and ensure proper finger placement.
Scanner is not working after system update	Reinstall the scanner's drivers or check for system compatibility.
Scanner light is not turning on	Check if the scanner is properly powered through the USB port.
Scanner is not functioning after installat ion	Verify that system meets minimum requirements and restart the c omputer.
Error message displayed on screen	Check for any issues with the USB port or update drivers.
Fingerprint image quality is poor	Ensure the sensor is clean and that the finger is placed evenly.

PROS & CONS

Pros

- High-Precision Biometric Resolution for accurate fingerprint recognition.
- USB Connectivity for easy integration with Windows systems.
- CIS Optical Sensor Technology ensures reliable and fast scanning.
- Compact Design makes it portable and space-efficient.
- Affordable Price for a high-quality biometric scanner.

Cons

- Windows 7 or higher required, limiting compatibility with older systems.
- Fingerprint accuracy can be reduced with excessively dry or wet fingers.
- No wireless connectivity, requiring a direct USB connection.
- Limited platform support, primarily focused on Windows-based devices.
- Fingerprint recognition speed may vary depending on the quality of the finger placement.

WARRANTY

The Safran Morpho MSO 1300 E3 Fingerprint Scanner comes with a **1-year limited warranty**, covering manufacturing defects and issues arising from normal use. This warranty does not extend to damages caused by accidents, misuse, or unauthorized repairs. To claim the warranty, keep your purchase receipt

FREQUENTLY ASKED QUESTIONS

What type of scanner is the Safran Morpho MSO 1300 E3?

The Safran Morpho MSO 1300 E3 is a biometric fingerprint scanner, designed for accurate and secure fingerprint recognition, perfect for applications requiring high security.

How does the Safran Morpho MSO 1300 E3 connect to a computer?

The Safran Morpho MSO 1300 E3 connects to your computer via a USB interface, making it easy to set up and use with compatible devices.

What is the resolution of the Safran Morpho MSO 1300 E3 Fingerprint Scanner?

The Safran Morpho MSO 1300 E3 features biometric resolution, ensuring precise fingerprint scanning and identification for reliable security applications.

What optical sensor technology does the Safran Morpho MSO 1300 E3 use?

The Safran Morpho MSO 1300 E3 uses CIS (Contact Image Sensor) optical sensor technology to capture high-quality fingerprint images for accurate identification.

What is the weight of the Safran Morpho MSO 1300 E3 Fingerprint Scanner?

The Safran Morpho MSO 1300 E3 Fingerprint Scanner weighs just 6.35 ounces, making it compact and lightweight for easy portability and use.

What are the minimum system requirements for using the Safran Morpho MSO 1300 E3?

To use the Safran Morpho MSO 1300 E3, your system must be running Windows 7 or a later version, ensuring compatibility with the fingerprint scanner.

How is the Safran Morpho MSO 1300 E3 powered?

The Safran Morpho MSO 1300 E3 Fingerprint Scanner is powered via the USB connection to your computer, eliminating the need for external power sources.

References

- [**User Manual**](#)