

## Consumer Notices

**FCC NOTICE :** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, & can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna; (2) Increase the separation between the equipment and receiver; (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected; or (4) Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not expressly approved by the party responsible for compliance to Part 15 of the FCC Rules could void the user's authority to operate the equipment.

**CENOTICE :** This equipment has been tested and found to comply with the limits for a Class B or Class 2 digital device, pursuant to EN 55032 & EN 55035 Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at the expense of the user. Changes or modifications not expressly approved by the party responsible for compliance to EN 55032 & EN 55035 Rules could void the user's authority to operate the equipment. This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

## Safety Precautions

1. **Do not** attempt to disassemble the sensor.
2. There are no user serviceable parts inside.
3. **Do not expose** or operate the sensor to rain or moisture.
4. **Do not clean the sensor** with strong chemicals or acids.
5. **Do not** operate the sensor beyond its operating temperature.
6. **Do not** operate the sensor beyond its operating humidity.
7. **Do not** operate the sensor beyond its operating voltage.

## What's in the box?

1. MFS110
2. Cleaning Cloth



## MANTRA SOFTECH (INDIA) PVT. LTD.

ISO 9001:2015 CERTIFIED COMPANY

- ◆ **Download Drivers & SDK**  
<http://download.mantratecapp.com>
- ◆ **Support / Service Email**  
<http://servico.mantratecapp.com>  
[servico@mantratec.com](mailto:servico@mantratec.com)
- ◆ **On Call Support & Service**  
Cell: 079-49068000 (Press 1 for support services )



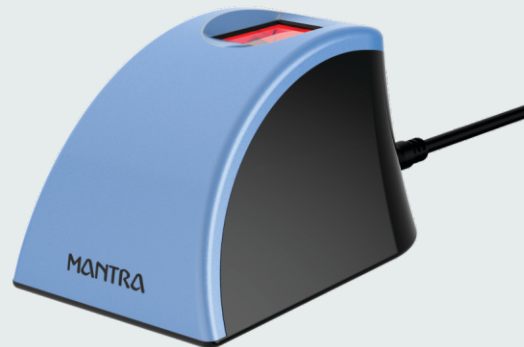
RMA Support



# MFS110

## Optical Fingerprint Scanner

[www.mantratec.com](http://www.mantratec.com)

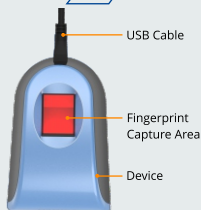


Mantra Softech is a Global Hi-Tech Manufacturer of Biometric Products and Solutions. We Offer a Wide Range of Products in Biometric and RFID Industry.

**MANTRA**  
Innovation that counts

## Introduction

MFS110 is a high-quality USB optical fingerprint sensor. Hard optical sensor is resistant to scratches, impact, vibration, & electrostatic shock. MFS110 can be used for authentication, identification & verification functions. Congratulations on purchasing MFS110, which is designed specially to provide high-level biometric security for desktops as well as complex network environments.



## Operating & Handling Instructions

- ◆ Handle the sensor with proper care to avoid damage of the sensor.
- ◆ Clean the glass portion (Platen Area) of the sensor with the cleaning cloths to avoid latent fingerprint detection or rejection.
- ◆ Store the sensor in a cool & dry place when not in use.
- ◆ Disconnect the sensor from your desktop when not operating.
- ◆ Operate the sensor within the operating limits specified.
- ◆ Use only the USB cable provided & don't attempt to replace it.
- ◆ In windows, Driver must be installed before using your USB Fingerprint sensor, a Driver is automatically detected when you plug the sensor into the USB port of your PC.
- ◆ If the sensor does not work make sure the sensor is detected as "**Mantra fingerprint : MFS110**" in the device manager of PC. If the sensor is not detected, please re-install the drivers for proper functioning of the sensor. In case of further problem please contact technical support person for assistance.
- ◆ Finger must be parallel to sensor surface.

**Any damage to the device caused by these activities will void the warranty.**

## Position of Finger

**Finger Height :** Align center of 1<sup>st</sup> phalanx with sensor center



**Finger Angle :** The finger must be parallel to sensor sides



**Finger Inclination :** Finger must be parallel to the sensor surface



**Finger Rotation :** Finger must be parallel to the sensor surface



## Warranty Terms

1. The warranty is confined to the first purchaser of the product only and is not transferable.
2. Repairs under warranty period shall be carried out by the company authorized personnel only. The details of service centers/support required are available at the company website [www.mantratec.com/Support](http://www.mantratec.com/Support) or in the centralized helpline (+91 7949068000 - EXT: 1).
3. Tenure of Warranty and process for claiming warranty shall be as per the original Tax Invoice of the company.
4. The company does not undertake responsibility for the quality of software being used by the purchaser.
5. The company shall not be liable for any direct, indirect or consequential loss, damage, cost or expense of any kind, whether arising from tort, breach of contract or howsoever, including without limitation loss of profits or of contracts, loss of operation time and loss of goodwill or anticipated savings.
6. Maximum Liability of company under or in connection with the product, for any reason and on any basis whatsoever, is limited to fifty percent (50 %) of the total amount of the product.
7. In the event of repairs of any part/s of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. The period for repair and in transit whether under the warranty or otherwise shall not be excluded from the warranty period.
8. In case of any damage to the product/misuse detected by the authorized service center personnel, the warranty conditions are not applicable and repairs will be done subject to availability of parts and on a chargeable basis only.
9. In the event of any unforeseen circumstance, and spares not being available, the company's prevailing depreciation rules will be binding on the purchaser to accept as a commercial solution in lieu of repairs.
10. The warranty does not cover the cost of transportation of the system from the place of installation to the Service Center.

**Rights and Obligations :** User guarantees that the product will not be used in any way that violates the law or legal rights of any third party (including but not limited to Intellectual Property Rights, privacy rights, and portrait rights). In case of violation, the user shall bear the legal liabilities and other responsibilities arising therefrom.