

MFS110 Optical Fingerprint Scanner

User Guide — Supported by RD Service Online

Introduction

The MFS110 is a high-quality USB optical fingerprint scanner designed for biometric authentication, identification, and verification. Its durable optical sensor is resistant to scratches, vibration, impact, and electrostatic shock, making it suitable for desktops and networked environments alike.

What's in the Box?

- MFS110 Fingerprint Scanner
- Cleaning Cloth
- USB Cable (attached to device)

Safety Precautions

1. Do not attempt to disassemble the sensor.
2. There are no user-serviceable parts inside the device.
3. Do not expose or operate the sensor in rain or high-moisture environments.
4. Do not clean the sensor surface with strong chemicals or acids.
5. Do not operate beyond the rated operating temperature range.
6. Do not operate beyond the rated humidity specifications.
7. Do not operate beyond the rated operating voltage.

■ Any damage caused by misuse or failure to follow these precautions will void the warranty.

Correct Finger Placement

For accurate fingerprint capture, follow these positioning guidelines:

Aspect	Correct Position
Finger Height	Align the center of the first phalanx with the sensor center.
Finger Angle	The finger must be parallel to the sensor sides.
Finger Inclination	The finger must be flat and parallel to the sensor surface.
Finger Rotation	Keep the finger straight — do not rotate it on the sensor.

Operating & Handling Instructions

- Handle the sensor with care to avoid physical damage.
- Clean the glass platen area regularly with the provided cleaning cloth to prevent latent fingerprint rejection.
- Store the device in a cool, dry place when not in use.
- Disconnect the sensor from your computer when not in use.
- Use only the supplied USB cable — do not attempt to replace it.
- On Windows, the driver is automatically detected when you plug the sensor into the USB port.

- If the sensor is not recognized, verify it appears as "Mantra fingerprint: MFS110" in Windows Device Manager. Reinstall drivers if needed.
- The finger must always be parallel to the sensor surface for reliable capture.

Warranty Summary

Term	Detail
Coverage	Warranty applies to the original purchaser only and is non-transferable.
Repairs	Only authorized service personnel may carry out warranty repairs.
Liability	Maximum company liability is limited to 50% of the product purchase price.
Exclusions	Damage from misuse, unauthorized modifications, or accidents is not covered.
Transport	Transportation costs to a service center are not covered under warranty.

Support & Contact

For device setup assistance, RD Service registration, driver downloads, or technical support, please reach out to **RD Service Online**:

Support Email	Support@rdservice.online
Phone	8460048260
Web Portal	https://www.rdservice.online/mantra

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