

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 or in the centralized helpline (+917949068000).
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.

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

Consumer Notices

FCC NOTICE : This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Title 47, part 15 subpart B of the FCC 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, & can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 his own expense. Changes or modifications not expressly approved by the party responsible for compliance to the FCC Rules could void the user's authority to operate the equipment.

CE NOTICE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to EN 55032 & EN 55035 standards. 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 standards could void the user's authority to operate the equipment.

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 : MORPHS"** 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.

Safety Precautions

01. **Do not** attempt to disassemble the device.
02. There are no user-serviceable parts inside.
03. **Do not clean the sensor** with strong chemicals or acids.
04. **Do not operate** the device beyond its operating temperature & operating humidity.
05. **Do not** place the device beyond heating elements.
06. **Do not** place a magnet near to the device while operating.
07. **Do not** operate the device beyond its operating voltage.
08. **Do not drop** the device or submit it to sudden impact or mechanical stresses.
09. **Do not remove** the device label or warranty seal.

System Requirement

1. MORPHS is an on board-processing with no special requirement for host device except USB 2.0 port.
2. PC support of USB 2.0 & higher preferred for smooth data streaming.

How to Connect

1. Connect the one end of USB cable into the PC's or Host's USB Port.

How to Install

1. Device driver download details on Mantra softech (IND) Pvt Ltd, website or Call customer care.
2. Connect the MORPHS device to the PC/Laptop and go to Device Manager and install driver.
3. Select the folder contains the driver and follows the instructions from the installer to driver installation.
4. After installation check the device

What's in the Box?

1. MORPHS-Multi Fingerprint Scanner
2. Instruction Manual
3. Cleaning cloth
4. Platen Cover



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

Scan for
RMA Support



MORPHS

Multi Fingerprint Scanner



Quick Installation Guide

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

Product Introduction



MORPHS is a unique & portable ten-print fingerprint capture device used to capture multi fingerprints. The device is ideal for delivering fast, accurate and reliable fingerprint capture results for biometric verification, identification and enrollment applications including indirect or direct sunlight; dusty conditions; and dry or dirty fingers.

Features



Supports Flat Capture



FBI Appendix F Certified



USB 2.0 High-Speed



Scratch-Free Surface



WHQL certified Device Driver



IP65 Water & Dust Protected Rugged Casing



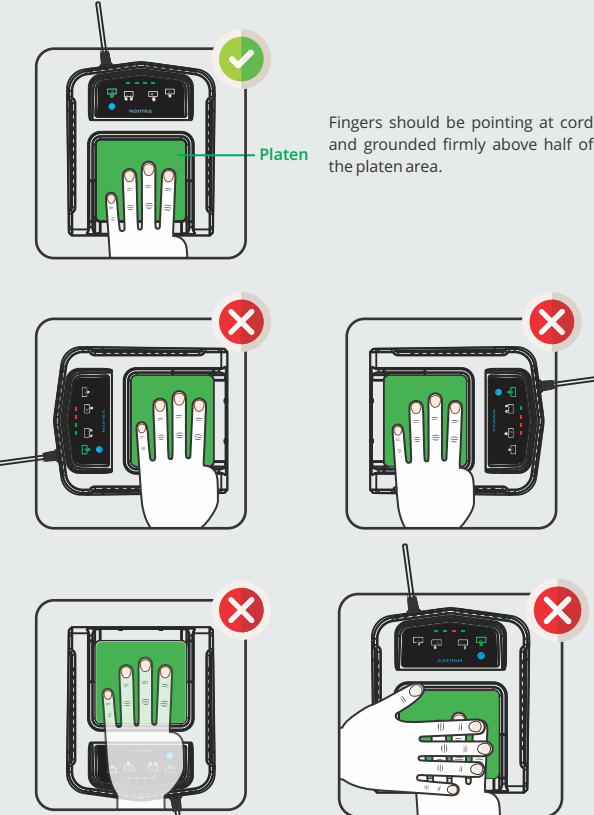
Better User Interface by LED Indicators



Under Direct Sunlight up to 100K LUX

HAND ORIENTATION

CORRECT PLACEMENT - TOP VIEW

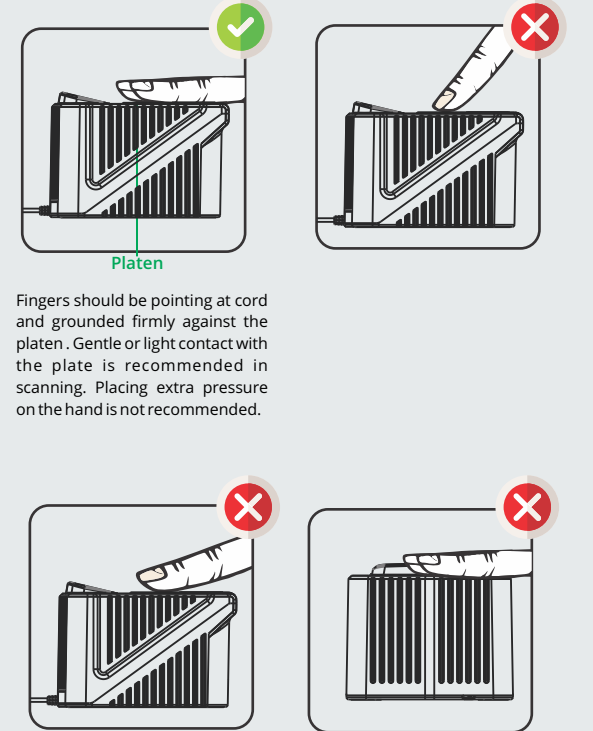


Fingers should be pointing at cord and grounded firmly above half of the platen area.

Never use two hands on the scanner at the same time.

FINGER CONTACT

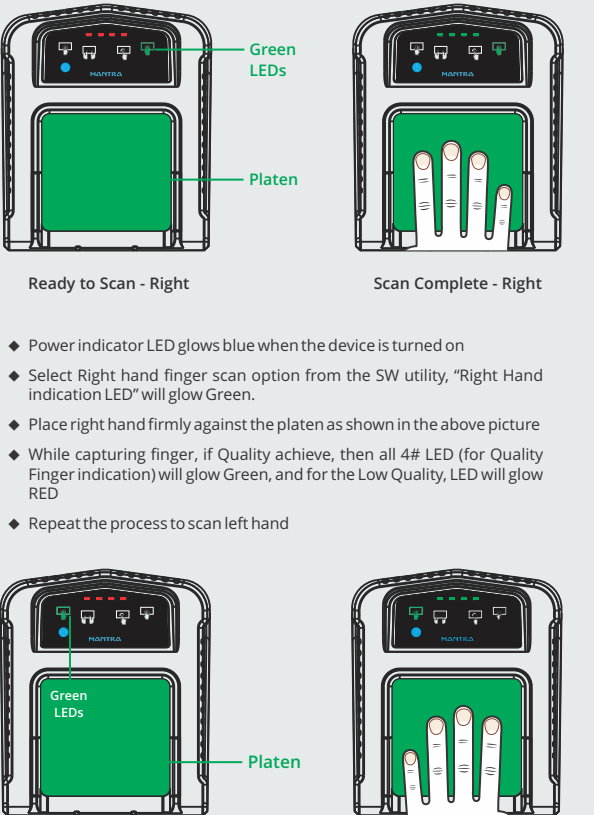
CORRECT PLACEMENT - SIDE VIEW



Fingers should be pointing at cord and grounded firmly against the platen. Gentle or light contact with the plate is recommended in scanning. Placing extra pressure on the hand is not recommended.

FLAT SCANNING

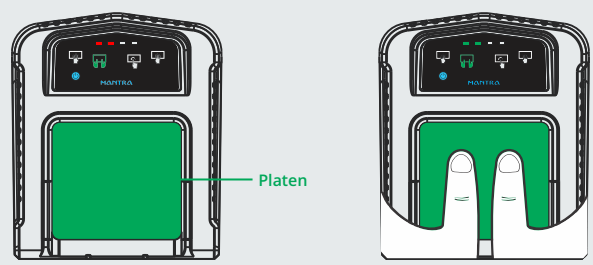
FINGER PLACEMENT



- ◆ Power indicator LED glows blue when the device is turned on
- ◆ Select Right hand finger scan option from the SW utility, "Right Hand indication LED" will glow Green.
- ◆ Place right hand firmly against the platen as shown in the above picture
- ◆ While capturing finger, if Quality achieve, then all 4# LED (for Quality Finger indication) will glow Green, and for the Low Quality, LED will glow RED
- ◆ Repeat the process to scan left hand

THUMB CAPTURE

Place bottom of thumbs firmly against the bezel to ensure proper contact.



- ◆ Power indicator LED glows blue when the device is turned on
- ◆ Select Thumb scan option from the SW utility, "the thumb Indication LED" will glow Green.
- ◆ Place both thumb firmly against the platen as shown in the above picture
- ◆ While capturing thumb, if Quality achieve, then 2# LED (from 4# LED, for Quality Finger indication) will glow Green, and for the Low Quality, LED will glow RED