UniScan Installation Guide

Nov 10, 2026 · @saurabh

Installing UniScan takes about 10 minutes and needs no internet and no technical knowledge. Follow the six steps below in order. Each step shows what you will see on screen, with the button to click marked in red. Fonts and colours on your computer may look slightly different.

Before you start

Keep these ready:

What	Details
A Windows computer	Windows 10 or Windows 11, about 200 MB free space
The setup file	**UniScan_Setup_1.1.0.exe** (about 20 MB), on a pen drive or downloaded
Your fingerprint scanner	With its USB cable. Futronic, Mantra, SecuGen, ZKTeco, Suprema or another brand
Administrator permission	Windows asks "Do you want to allow this app to make changes?" during setup. You must be able to click **Yes**
The DMIT software	Already installed on the same computer, so you can test at the end

If you are replacing the old Futronic "Finger Print Scanner" program, you can leave it installed. UniScan does not change it.

Step 1: Start the setup file

1. Copy **UniScan_Setup_1.1.0.exe** to the computer, for example to the Desktop or the Downloads folder.
2. Plug in the fingerprint scanner now, so Windows can find it.
3. Double-click **UniScan_Setup_1.1.0.exe**.

Windows may show one or two safety messages before the setup opens. Both are normal:

- **"Windows protected your PC"** (a blue box). This appears because UniScan is new and not yet known to Microsoft. Click the small **More info** link, then click **Run anyway**.

- **"Do you want to allow this app to make changes to your device?"** Click **Yes**. UniScan needs this to install the scanner driver.

If your antivirus shows a warning, choose **Allow** or **Trust**. If it deleted the file, restore it from the antivirus quarantine, or ask whoever manages the computer to add an exception for UniScan.

Step 2: Click through the setup wizard

The setup has five short screens. In most cases you only click **Next**, **Install** and **Finish**.

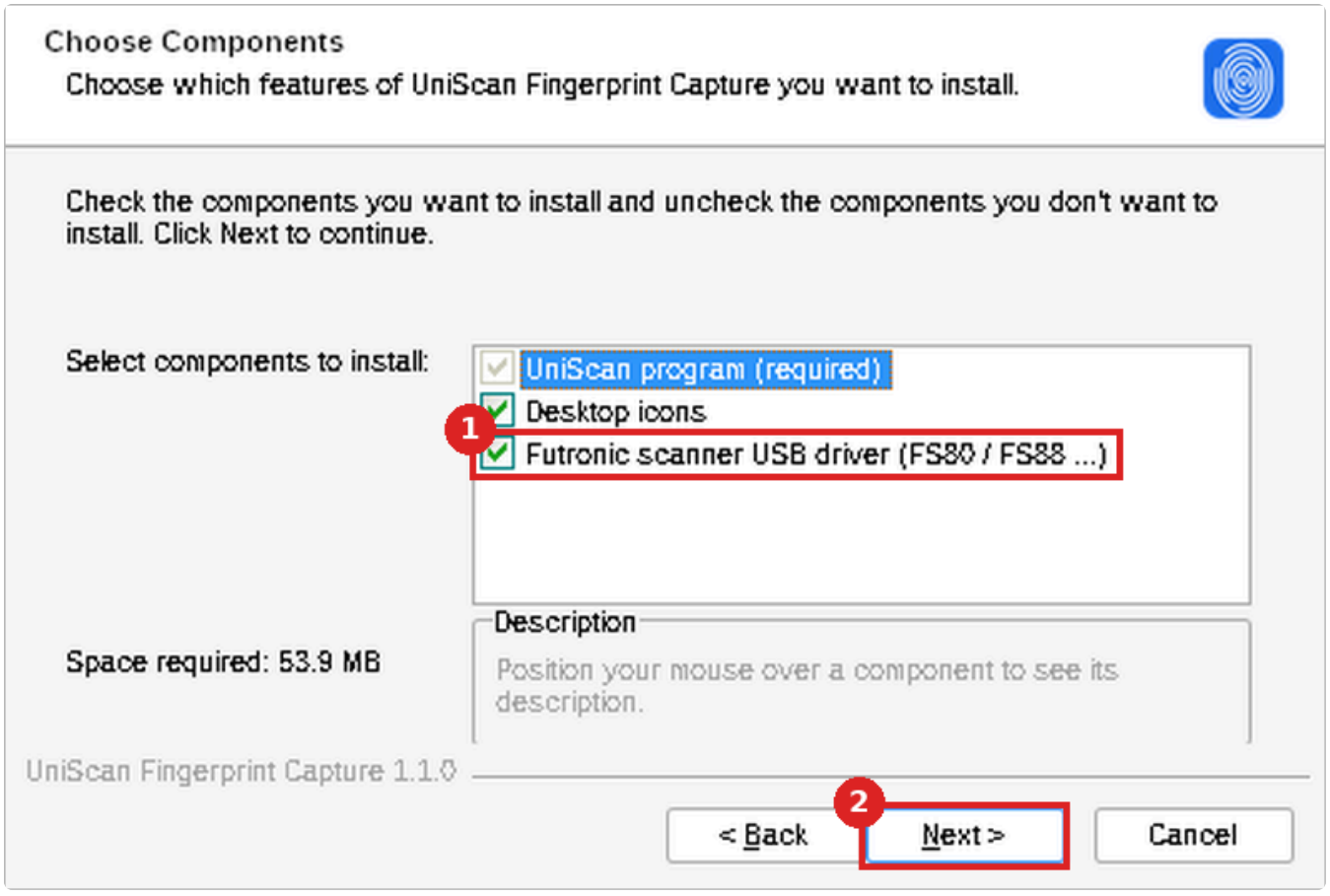
Screen 1: Welcome. Make sure the scanner is plugged in, then click **Next**.



Screen 1: click Next.

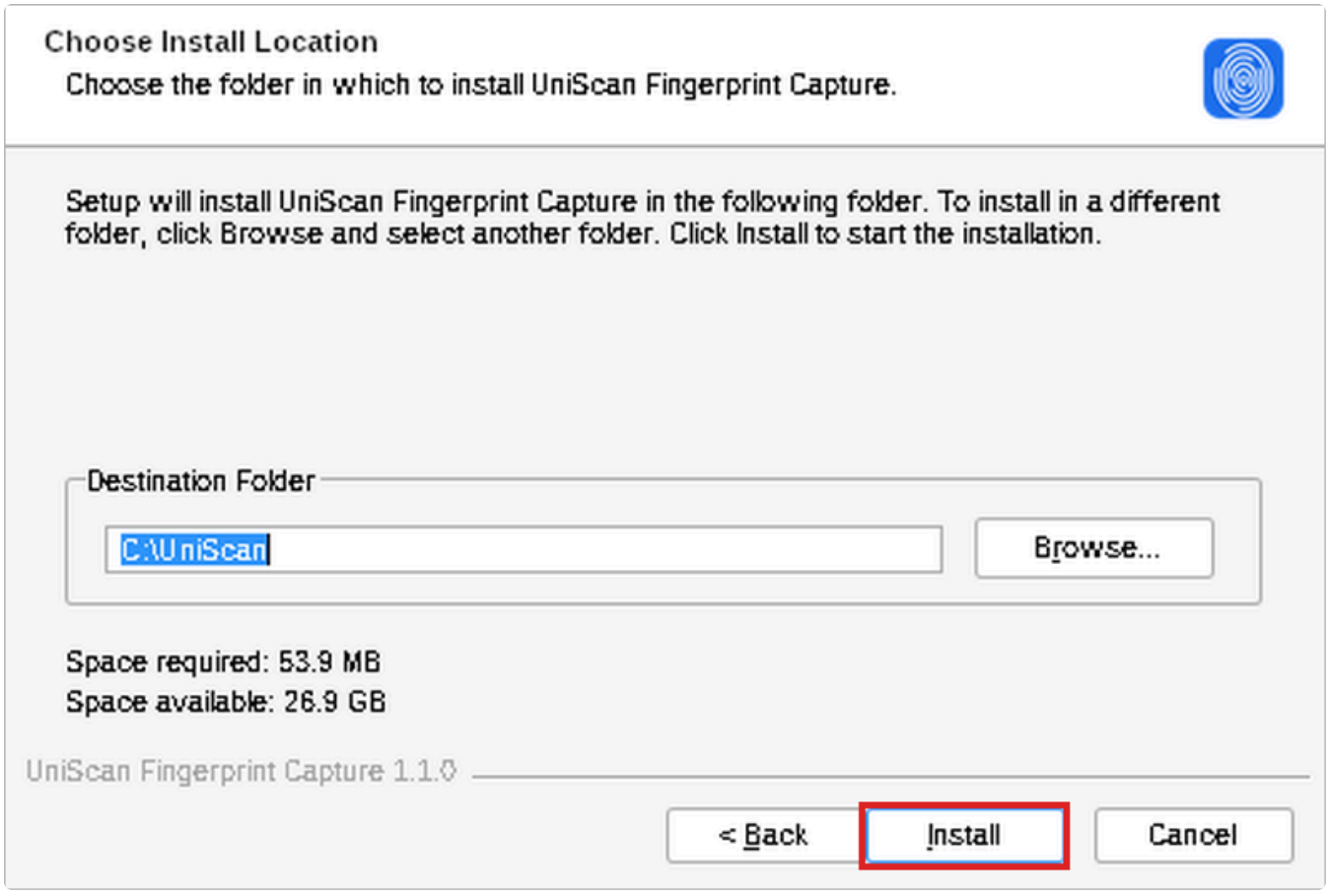
Screen 2: Choose Components. Leave the ticks as they are and click **Next**.

- **UniScan program** is always installed.
- **Desktop icons** puts a **UniScan** icon and a **Fingerprint Images** folder icon on the Desktop.
- **Futronic scanner USB driver**: keep it ticked if you use a Futronic scanner (FS80, FS88 and similar). Untick it for any other brand, or if the old Futronic software already works on this computer.



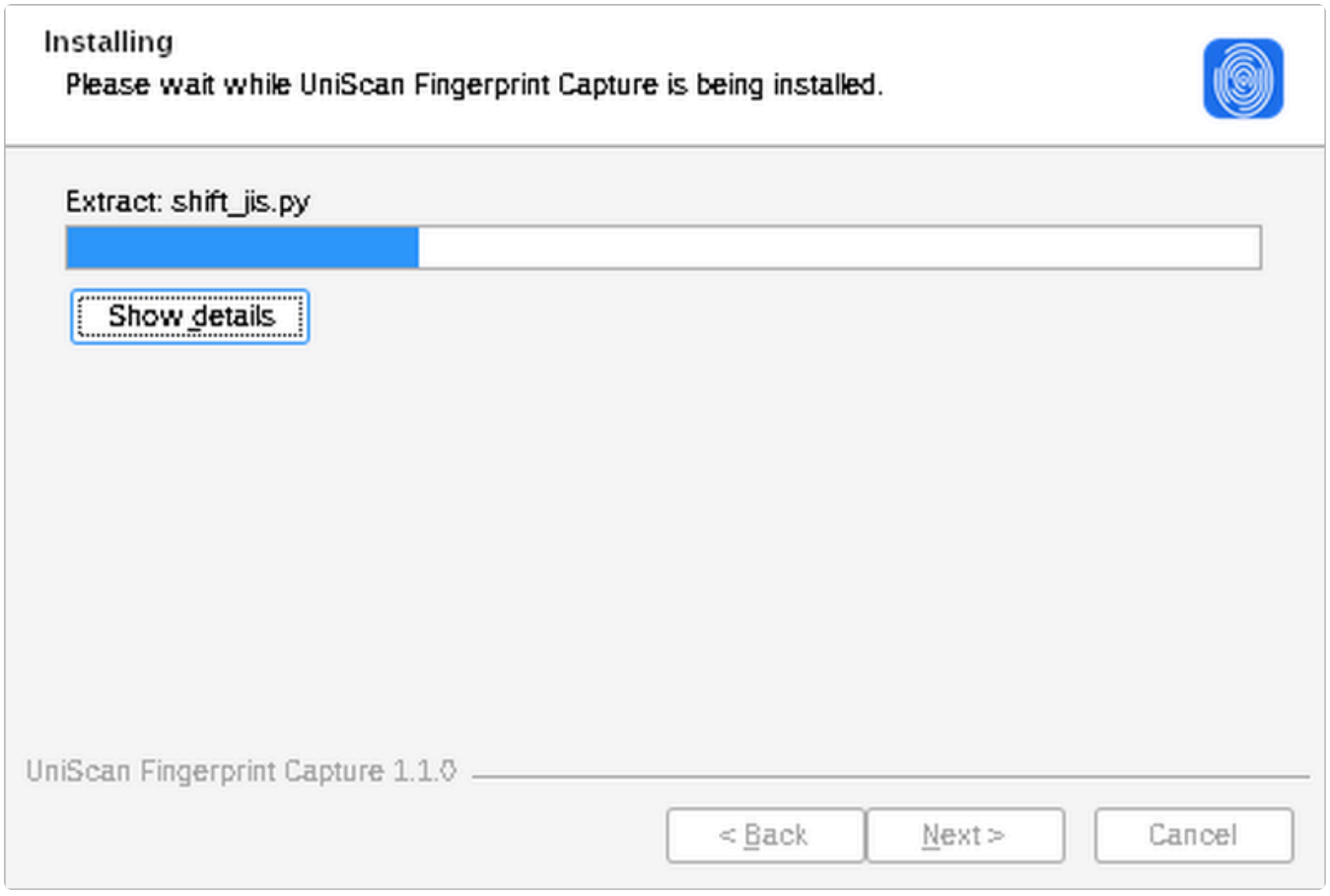
Screen 2: (1) keep the Futronic driver ticked only for Futronic scanners, (2) click Next.

Screen 3: Choose Install Location. Keep **C:\UniScan** and click **Install**. Changing the folder is possible but not recommended, because this guide and the help files refer to C:\UniScan.



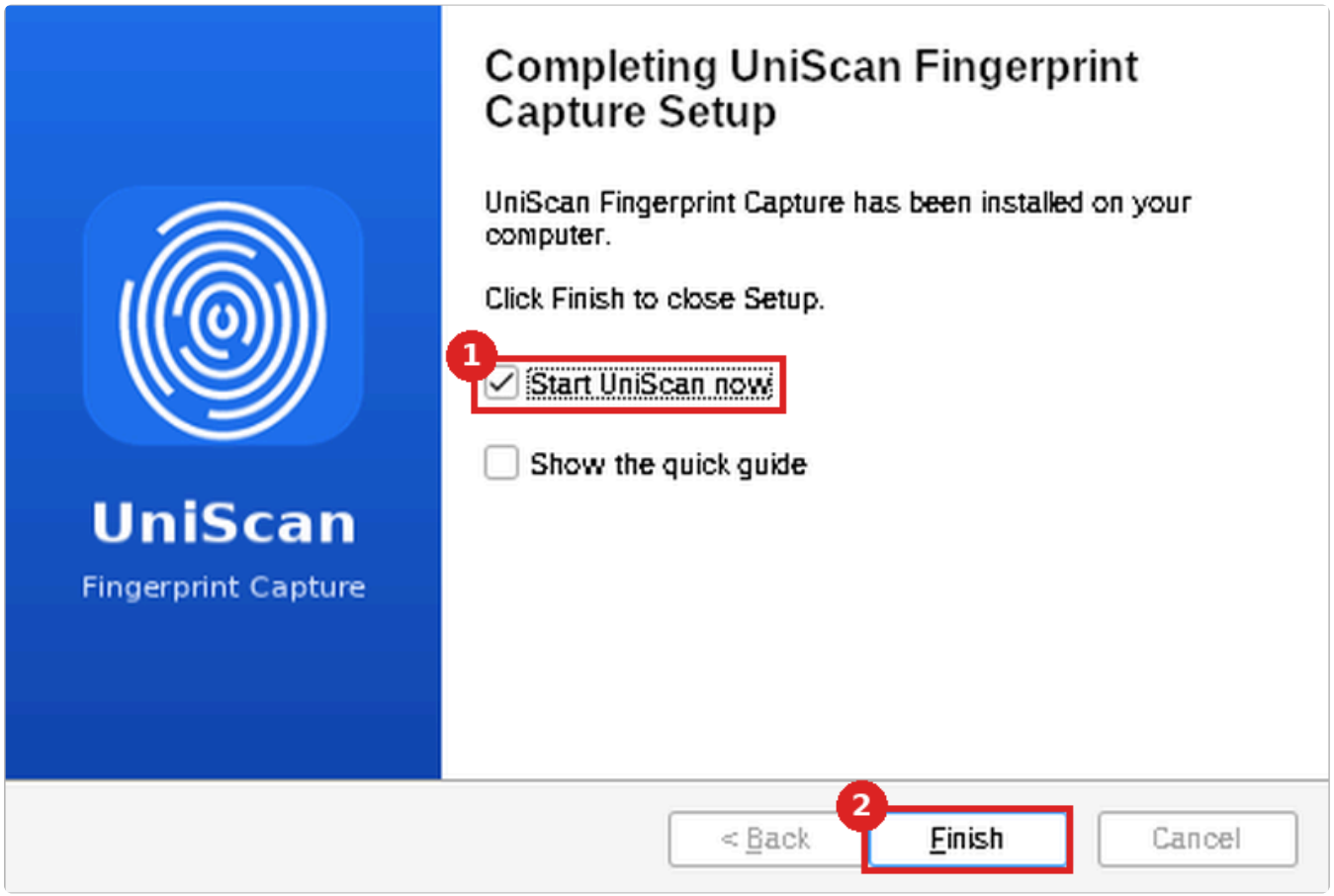
Screen 3: keep C:|UniScan and click Install.

Screen 4: Installing. Wait about 30 seconds while the bar fills. If you kept the Futronic driver ticked, a separate Futronic driver window opens. Click through it (usually **Next**, **Install**, **Finish**). The UniScan setup then moves to the last screen by itself.



Screen 4: nothing to click, just wait.

Screen 5: Finish. Keep **Start UniScan now** ticked and click **Finish**. UniScan opens.



Screen 5: (1) keep Start UniScan now ticked, (2) click Finish.

Step 3: Install the scanner driver (other brands only)

Futronic users can skip this step: the driver was installed in Step 2. For other brands, install the maker's driver once, from the CD in the scanner box or the maker's website.

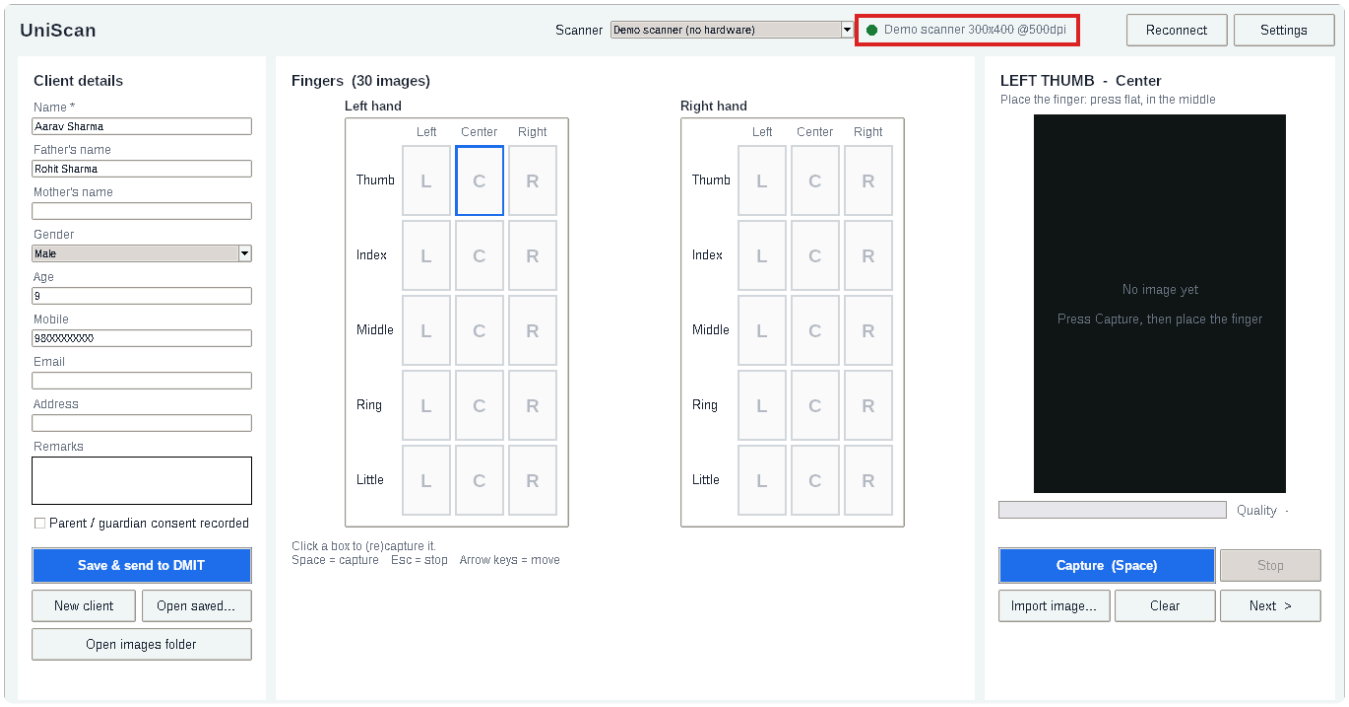
Scanner brand	What to install	Extra step
Futronic (FS80, FS88, FS90)	Nothing more	None
Mantra (MFS100, MFS110)	Mantra **MFS100 Client Service** (the non-RD service)	The Aadhaar **RD Service** alone does not work: it never gives out the fingerprint image
SecuGen (Hamster Pro 20, Plus, IV)	SecuGen USB driver, plus **SecuGen WebAPI** or the FDx SDK	If you use the SDK, copy **sgfplib.dll** into C:\UniScan\vendor_dlls\secugen
ZKTeco (SLK20R, ZK9500, Live20R)	ZKTeco driver and ZKFinger SDK	Copy **libzkfp.dll** into C:\UniScan\vendor_dlls\zkteco if UniScan does not find it
Suprema (BioMini)	BioMini driver and SDK	Copy **UFScanner.dll** into C:\UniScan\vendor_dlls\suprema if UniScan does not find it
Any other brand (Startek, Morpho, Precision, Evolute ...)	The maker's own capture program	Use **watch folder** mode, explained in Troubleshooting below

After installing a driver, unplug the scanner, wait 5 seconds and plug it back in.

Step 4: Open UniScan and connect the scanner

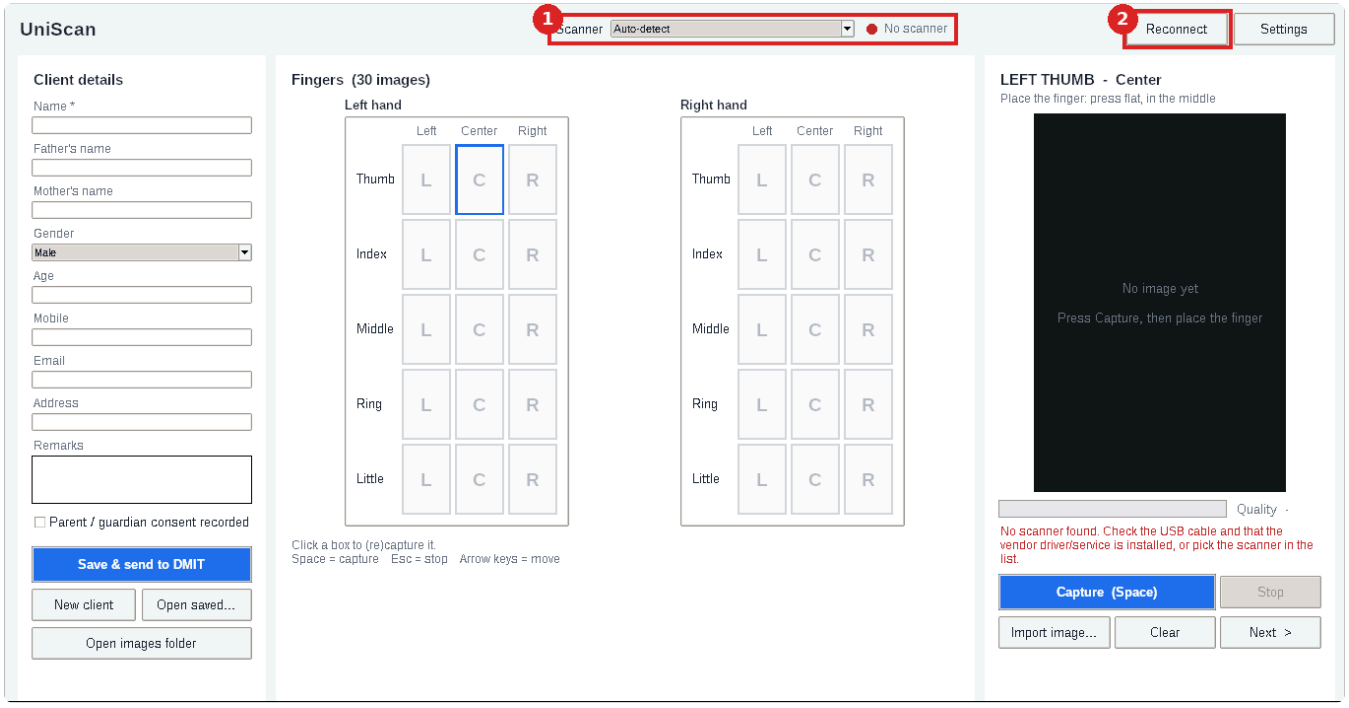
Double-click the **UniScan** icon on the Desktop (or Start menu, then UniScan). The window has three parts: client details on the left, the 30 finger boxes in the middle, and the live fingerprint picture on the right.

Look at the dot next to **Scanner** at the top:



Green dot and scanner name: the scanner is connected and ready.

- **Green dot** with the scanner name (for example "Futronic 320x480"): the scanner is connected. Go to Step 5.
- **Red dot** with "No scanner": UniScan could not find it. Do this:
  1. Check the USB cable, and try another USB port.
  2. Click the **Scanner** list and choose your brand instead of **Auto-detect**.
  3. Click **Reconnect**.
  4. Still red? Re-check Step 3 for your brand.



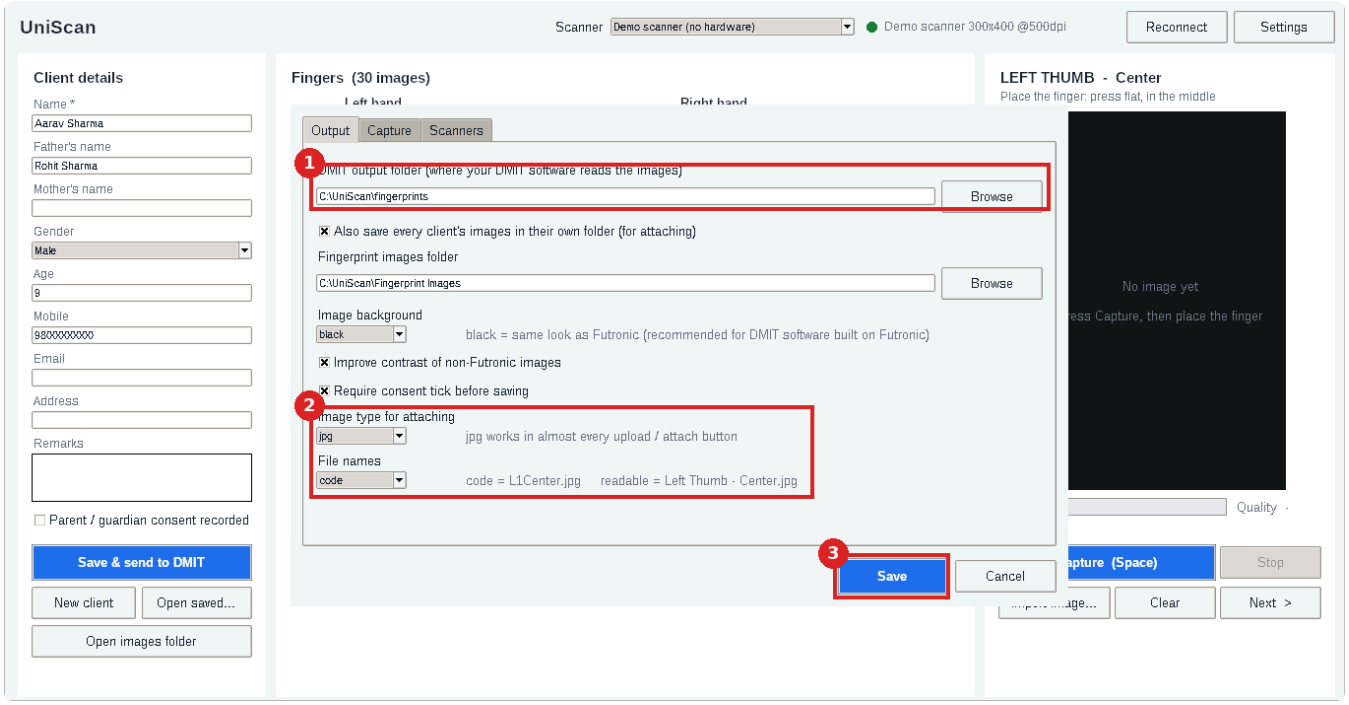
Red dot: (1) choose your scanner in the list, (2) click Reconnect.

To practise without a scanner, choose **Demo scanner (no hardware)** in the Scanner list. It draws sample fingerprints. Switch back to your scanner before seeing real clients.

Step 5: Tell UniScan where the DMIT software looks

This is done once per computer.

1. Click **Settings** (top right). The **Output** tab opens.
2. **DMIT output folder**: click **Browse** and choose the folder your DMIT software reads fingerprints from. If you used the old Futronic program, this is its **fingerprints** folder, for example C:\Scanning Software (2019)\fingerprints. If your DMIT software only uses Browse / Attach buttons, keep the default C:\UniScan\fingerprints.
3. **Image type for attaching**: keep **jpg**. Choose **png** or **bmp** only if your DMIT software asks for that type.
4. **File names**: keep **code** (L1Center.jpg). Choose **readable** for names like "Left Thumb - Center.jpg".
5. Click **Save**.



Settings, Output tab: (1) DMIT output folder and Browse, (2) image type and file names, (3) Save.

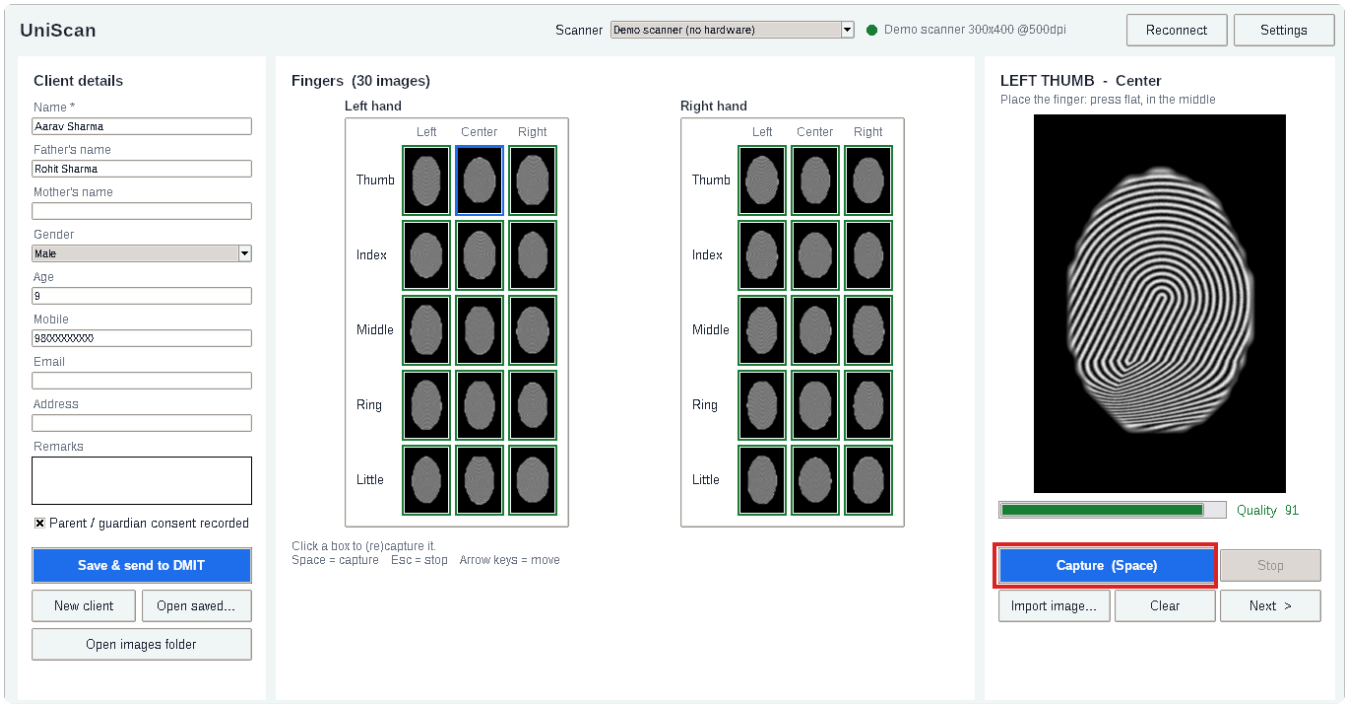
The other settings can stay as they are.

Step 6: Do one test client

This confirms the scanner and the DMIT software both work with UniScan.

Capture

1. Type a **Name** (required) and the other details, and tick **Parent / guardian consent recorded**.
2. Press the **Space** bar (or click **Capture**). The right side tells you which finger to place and how:
   - **Center**: press the finger flat in the middle of the glass.
   - **Left**: roll the finger onto its left side.
   - **Right**: roll the finger onto its right side.
3. Hold still until the box fills. UniScan then moves to the next finger. Press **Space** again for each one.
4. Box colours: **green** = good, **orange** = low quality (select it and press **Space** to retake). Click any box to redo that finger.

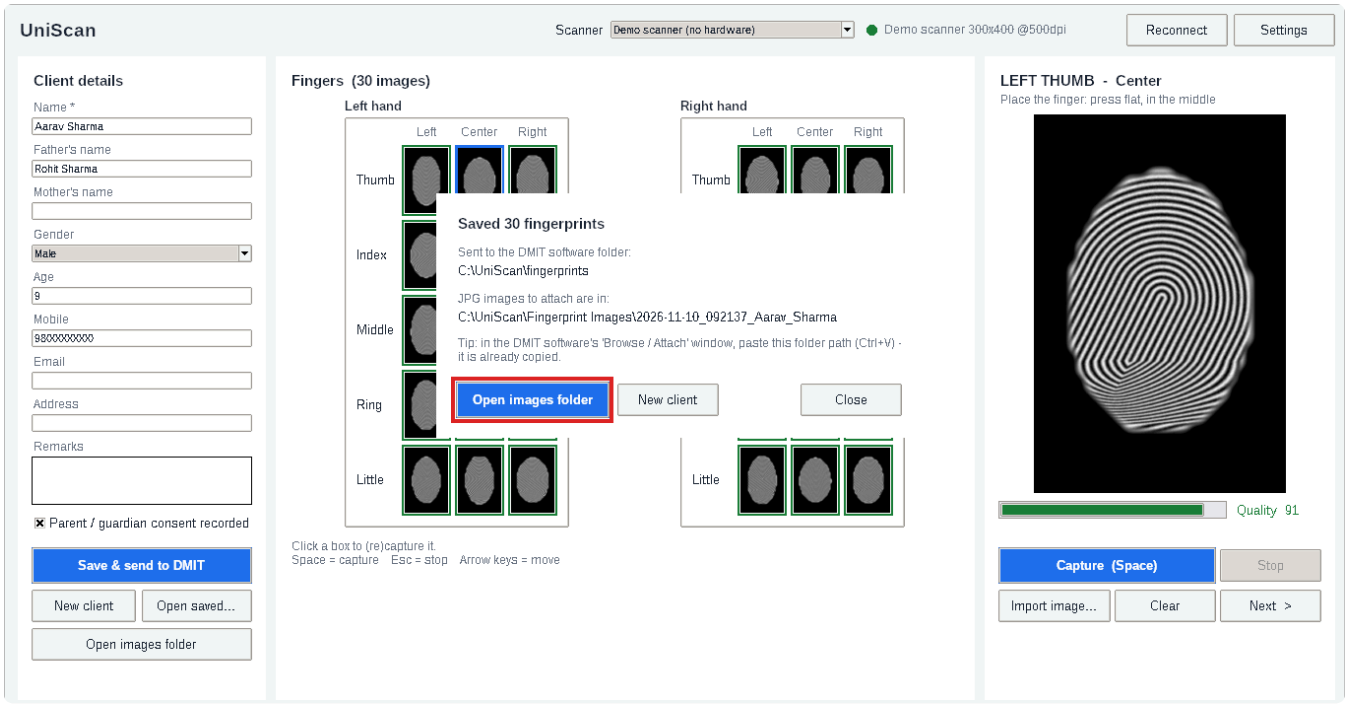


All 30 boxes captured. Press Space or click Capture for each finger.

The order is the left hand thumb to little finger, then the right hand, with Center, Left and Right for each finger: 30 images in total.

Save

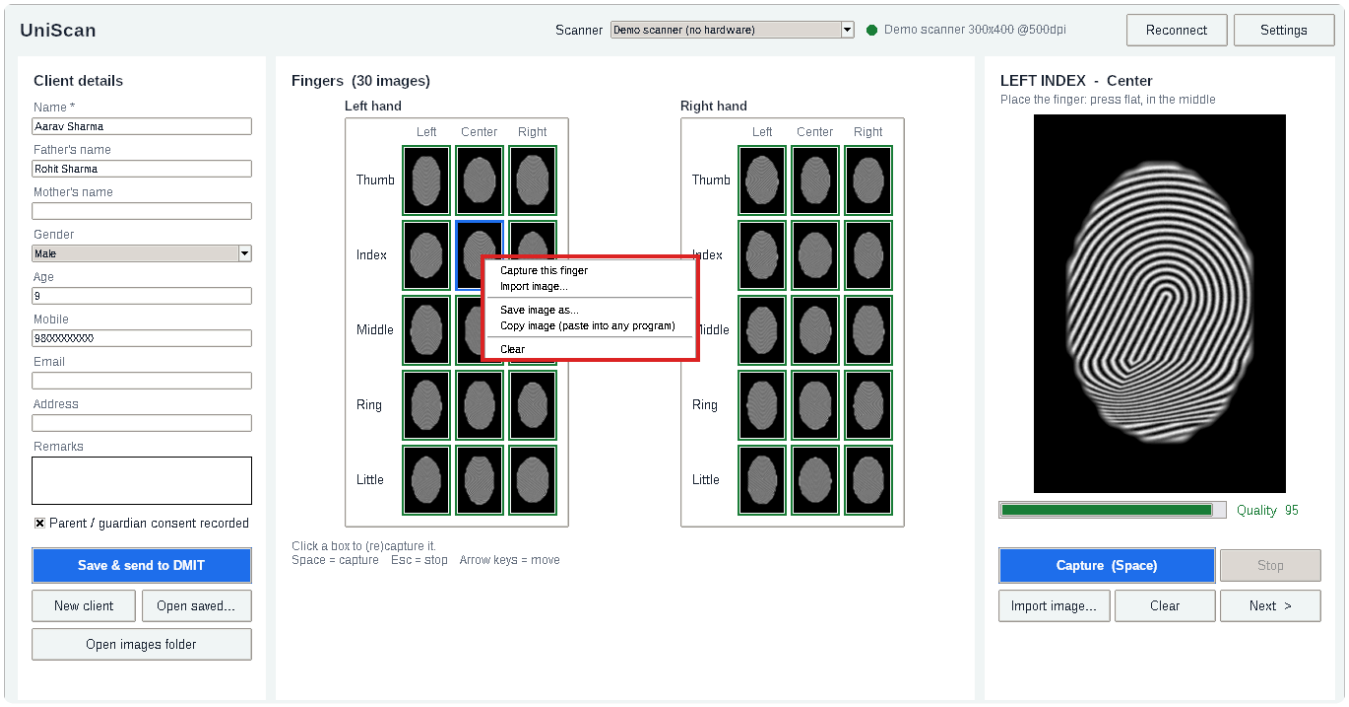
5. Click **Save & send to DMIT**. A box confirms where the images were saved.



After saving: click Open images folder to see the pictures to attach.

Attach in the DMIT software

6. In the Saved box, click **Open images folder**. A folder opens with one picture per finger, named L1Center.jpg to R5Right.jpg (L = left hand, R = right hand, 1 = thumb, 2 = index, 3 = middle, 4 = ring, 5 = little).
7. In the DMIT software, click its **Browse**, **Attach** or **Upload** button for a finger and choose the matching picture. Shortcut: the folder path is already copied, so in the Browse window press **Ctrl+V** in the file-name box and then **Enter**.
8. You can also right-click a finger box in UniScan and choose **Copy image** (then Ctrl+V in the other program) or **Save image as...**.



Right-click any finger box to copy or save that one picture.

All saved clients stay in the **Fingerprint Images** folder (Desktop icon), one folder per client named by date and name. **Open saved...** loads an old client back into UniScan.

If the DMIT software shows the fingerprints correctly, installation is complete.

Troubleshooting

Problem	What to do
Setup does not start, or the file disappears	Your antivirus blocked it. Restore it from quarantine and allow it, then double-click again
Red dot, "No scanner"	Check the cable and USB port, choose your brand in the Scanner list, click **Reconnect**. Then check Step 3
"Mantra Client Service not reachable"	Install Mantra's MFS100 Client Service (not only the RD Service) and restart the computer
"... is 64-bit but this program is 32-bit"	The DLL you copied is the wrong type. Use the **x86 (32-bit)** DLL from the maker's SDK
"Windows refused raw access"	Only for "Windows Biometric" readers: right-click UniScan, choose **Run as administrator**

Problem	What to do
Many orange boxes	Clean the scanner glass with a soft cloth. For dry fingers, ask the client to breathe on the finger first
DMIT software shows no fingerprints	In Settings, the **DMIT output folder** must be the folder the DMIT software reads (Step 5), or attach the images by hand (Step 6)
My scanner brand is not in the list	Settings, **Scanners** tab, **Watch folder**: choose the folder where the scanner's own program saves pictures. Then choose **Any scanner - watch folder** in the Scanner list. Each picture it saves goes into the selected finger box. Or select a box and click **Import image...**

If something else goes wrong, send a screenshot and the file **C:\UniScan\logs\uniscan.log** to your support person.

Where files are kept

Folder	Contents
C:\UniScan\Fingerprint Images	One folder per client with the 30 pictures and details.txt. Back this folder up
C:\UniScan\fingerprints (or your DMIT output folder)	The latest client only, in the format the DMIT software reads
C:\UniScan\logs	Error log for support

Fingerprints are sensitive personal data under India's DPDP Act 2023. Keep the computer password-protected and delete client folders you no longer need.

Updating or uninstalling

- **Update**: run the newer UniScan_Setup file. Your settings and saved fingerprints are kept.
- **Uninstall**: Start menu, **UniScan**, **Uninstall UniScan** (or Windows Settings, Apps). Saved fingerprints in C:\UniScan are kept; delete that folder yourself if you no longer need them.