UniFinger Engine SDK Installation Guide

Version 3.0.0



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1. Install UniFinger Engine SDK

1. Run an UniFinger Engine SDK install program such as "UFE30[3.x.x]_Install.exe".

😽 UniFinger Engine SDK 3,0,0 Setup					
	Welcome to the UniFinger Engine SDK 3.0.0 Setup Wizard	!			
	This wizard will guide you through the installation of UniFinger Engine SDK 3.0.0.				
	It is recommended that you close all other applications before starting Setup. This will make it possible to updat relevant system files without having to reboot your computer.	e			
	Click Next to continue,				
	(<u>N</u> ext >) Can	icel			

2. Select the provided license file, and brief information about the license will be shown. Selected license file will be copied to bin subfolder of installed directory.

😚 UniFinger Engine SDK 3,0,0 Setup	
Check License File Select the provided license file (UFLicense.dat).	
UniFinger Engine SDK 3.0.0 Setup Product name: UniFinger Engine SFR SDK Supported modules:	×
UFScanner UFMatcher UFDatabase Selected license file will be copied to bin subfolder of installed directo 확인	ory.
Install UniFinger Engine SDK 3,0	incel

3. Agree with the license.

🗑 UniFinger Engine SDK 3,0,0 Setup				
6	License Agreement Please review the license terms before installing UniFit SDK 3.0.0.	nger Engine		
Press Page Down to see th	he rest of the agreement.			
Suprema warrants to buyer, subject to the limitations set forth below, that each product shall operate in substantial accordance with the published specifications for such product for a period of one (1) year from the date of shipment of the products ("Warranty Period"). If buyer notifies Suprema in writing within the Warranty Period of any defects covered by this warranty, Suprema shall, at its option, repair or replace the defective product which is returned to Suprema within Warranty Period, freight and insurance prepaid by buyer. Such repair or				
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install UniFinger Engine SDK 3.0.0.				
Install UniFinger Engine SDK 3	3,0			
	< <u>B</u> ack I <u>A</u> gree	Cancel		

4. Choose installing components.

😚 UniFinger Engine SDK 3	.0.0 Setup	_ 🗆 🗙			
	Dose Components Dose which features of UniFinger Engine SDK 3.0.0 you Install.	want			
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.					
Select the type of install:	Install	-			
Or, select the optional components you wish to install:	✓ Copy all files ✓ Create a program group				
Space required: 0.0KB					
Install UniFinger Engine SDK 3.0 —					
	< <u>B</u> ack <u>N</u> ext > Ca	ncel			

5. Choose install location. After pushing Install button UniFinger Engine SDK files will be installed to the selected install location.

🍘 UniFinger Engine S	SDK 3,0,0 Setup	_ 🗆 🗙
5	Choose Install Location Choose the folder in which to install UniFinger Engine S	DK 3.0.0.
Setup will install UniFinge folder, click Browse and s	r Engine SDK 3.0.0 in the following folder. To install in a diff select another folder. Click Install to start the installation.	erent
⊂Destination Folder	Suprema₩UFE30 Browse	
Space required: 0.0KB Space available: 28.9GB		
Install UniFinger Engine SDK	3,0	Cancel

6. Installed SDK can be found in Start menu.

	👼 UniFinger Engine SDK 3,0 🔹 🕨	6	UFE30_Uninstall
•	×	8	UniFinger Engine SDK Reference Manual (CHM)
•		1	UniFinger Engine SDK Reference Manual (PDF)
		6	UniFinger Engine SFR SDK

2. Device driver installation2.1. SFR300-S(Ver.2)

1. Connect SFR300-S(Ver.2) to the PC.

2. Windows will launch new hardware search wizard. Select No for the connecting Windows Update if questioned.

3. Select install from a list or specific location (Advanced).

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard	
	This wizard helps you install software for:	
	USB Device	
	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	C Install the software automatically (Recommended)	
	Install from a list or specific location (Advanced)	
	Click Next to continue.	
	< Back Next > Cancel	

4. In the search and installation option, check "Include this location in the search" and press "Browse". Then select the directory containing SFR300-S(Ver.2) driver.

If Windows version is 98 or ME, select install \drivers\ SFR300-S(Ver.2)\98_ME. If Windows version is 2000 or XP or higher, select install \drivers\ SFR300-S(Ver.2)\2000_XP.

Found New Hardware Wizard					
Please choos	Browse For Folder				
	Select the folder that contains drivers for your hardware.	S			
ເ⊂ Search Use the paths an I S I Ir D	 include install install	es local			
C Don't se Choose I the drive	To view any subfolders, click a plus sign above.	uarantee that			
	< Back Next >	Cancel			

Found New Hardware Wizard			
Please choose your search and installation options.			
Search for the best driver in these locations.			
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.			
Search removable media (floppy, CD-ROM)			
Include this location in the search:			
C:\Program Files\Suprema\UFE30\install\drivers\SF 💌 Browse			
C Don't search. I will choose the driver to install.			
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.			
< Back Next > Cancel			

5. After selecting Next, the driver for Suprema SFR300-S(Ver.2) will be installed. If warning dialog of Windows Logo testing is popped up, press "Continue Anyway".



6. After finishing driver installation for Suprema SFR300-S(Ver.2) Loader, another new hardware search wizard will be popped.

Next >

Cancel

7. Repeat step 2-5, and the driver for Suprema SFR300-S(Ver.2) will be installed.



2.2. SFR300-S

1. Connect SFR300-S to the PC.

2. Do step 2-3 of 2.1. SFR300-S(Ver.2).

3. In the search and installation option, check "Include this location in the search" and press "Browse". Select the directory containing SFR300-S driver such as "install\drivers\ SFR300-S".

Found New Hardware Wizard				
Please choose y	Browse For Folder			
	Select the folder that contains drivers for your hardware.			
Search for t				
Use the che	binpcal			
paths and re				
Searce	🖂 🖂 install			
🔽 Inclue				
C:\Pr	C SEP300-5			
🔿 Don't searcl	€ 🔂 SFR300-S(Ver.2)			
Choose this the driver yo	To view any subfolders, click a plus sign above.	t		
	OK Cancel			
	< Back Next > Cancel]		

4. If system shows pop-up dialogs for missing files, select the directory containing SFR300-S driver such as "install\drivers\ SFR300-S".

5. After selecting Next, the driver for Suprema SFR300-S will be installed.

2.3. SFR200 (IZZIX FD1000)

1. Connect SFR200 (IZZIX FD1000) to the PC.

2. Do step 2-3 of 2.1. SFR300-S(Ver.2).

3. In the search and installation option, check "Include this location in the search" and press "Browse". Select the directory containing SFR200 driver such as "install\drivers\ SFR200".

4. After selecting Next, the driver for Suprema SFR200 will be installed.

3. Running Samples

1. After SDK and device installation are completed, you can run precompiled sample applications in the following locations.

<installed folder="">\bin\UFE30_DemoVC60.exe</installed>	- Visual C++ 6.0 Demo
<installed folder="">\bin\UFE30_DemoCS.exe</installed>	- C# Demo
<installed folder="">\bin\UFE30_DemoVBNET.exe</installed>	- Visual Basic .NET Demo

* .NET samples require "Microsoft .NET Framework 2.0"

2. UniFinger Engine SDK Reference Manual is in the following location.

<installed folder="">\doc\UFE30.chm</installed>	- Windows Help File
<installed folder="">\doc\UFE30.pdf</installed>	- Adobe PDF File

Detailed descriptions about sample application can be found in "Chapter 4. Sample" in the manual.

4. Tutorials for Starting Development

Please read tutorials before starting development. Tutorials can be found in "Chapter 3. Tutorial" in the manual. Tutorials are described using Visual C++, Visual Basic 6.0, Visual C#, Visual Basic .NET, and following topics are covered

- * Enroll fingerprints from scanner
- * Verification
- * Identification
- * Manage database
- * Enroll fingerprints from image