

PalmSecure Software Development Kit V02

FUJITSU Biometric Authentication PalmSecure

The PalmSecure SDK is the developer's resource for adding our proven technology to your software application and embedded hardware.

- Full-featured BioAPI
- Sample code with demo application
- Windows-based and Linux-based applications
- Device maintenance tools

Contents inside the SDK



Item	Quantity
PalmSecure-F Pro sensor	1
U-Guide	1
Micro USB cable	1
SDK License Agreement sheet	1
Professional Edition License	1

Following items can be downloaded from the SDK Web Site.

Sensor driver

Date of Registration	Name	Revision	File Name	Size
September 2017	Installer version	Windows (x86)	V31L37 ZIP Sens.oRVins_WIN_3137.zip	8,351KB
		Windows (x64)	V31L47 ZIP Sens.oRVins_WIN64_3147.zip	9,610KB
April 2017	Source program (Note)	Linux	V31L09	---

(Note) We provide Linux version of Sens or driver for extended function as source code. In order to get the source code, please contact the sales persons for your region directly.

Sample Application for Microsoft .NET Framework

Date of Registration	Name	Revision	File Name	Size
April 2017	Professional Edition	Windows (x86) and (x64) (Common component)	V09L03 ZIP PalmSecureSampleForVB_V09L03.zip	207KB
May 2016	Enterprise Edition	Windows (x64)	V09L02 ZIP PalmSecureSampleEEForVB_V09L02.zip	29KB

- Authentication Library
- License File
- Sensor Driver
- Sample Interface
- Sample Application
- Various Supporting Tools
- etc.

Development Requirements

PC	CPU	Client: Intel® Core™ 2 Duo 2.40GHz or above Server: Intel® Core™ 2 Duo 2.40GHz or above <u>NOTE: requires SSE3/SSSE3</u> <u>CPU with SSE4.2/AES-NI implemented is recommended</u>
	Memory	Client: x86 = 1GB or above (2GB or above for Windows10) x64 = 2GB or above Server: 2GB or above
	USB interface	USB2.0 or USB3.0 (USB 3.0 is required for high-power mode)
	HDD space	Client: 231MB or above Server: 222MB or above
OS	Windows® (client)	Windows 8.1 Update (x86 and x64) Windows 10 Version 20H2 (x86 and x64)
	Windows® (server)	Windows Server 2012 R2 Update (x64 only) Windows Server 2016 (x64 only) Windows Server 2019 (x64 only) <u>NOTE: Sensor connection to the server OS is not supported.</u>
	Linux (client and server)	Linux kernel 3.10.0 or later (x64 only)
Development languages		C/C++ (recommended), Java, Visual Basic.NET, and C#

Development Requirements

ARM®	CPU	ARM64: Arm®v8-A (Cortex®-A53, A57) ARMHF: Arm®v7-A (Cortex®-A15) NOTE: requires NEON/VFP
	Memory	Linux: 1GB or above Android: 2GB or above
	USB interface	USB2.0 or USB3.0 (USB 3.0 is required for high-power mode)
	HDD space	231MB or above
OS	Linux	Linux kernel 3.10.0 or later (ARMHF, ARM64) -ARMHF-Linux -ARM64-Linux
	Android™	Android 9 (ARM64) <u>NOTE: Updating the Android-OS may cause problems.</u> <u>Consider fixing the OS version.</u>
Development languages		Linux (ARMHF, ARM64): C/C++ Android: Java



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