

SIGNTECH



SIGNTECH BIOMETRIC E.U.

Biokey SDK

If you are searching fingerprint algorithm to integrate to your products, Biokey SDK is a proper choice. Biokey can be quickly integrated to your systems, and can support any scanner device and fingerprint Sensor (Image quality ≥ 300 DPI) through open image process interface. As long as the image is obtainable, the SDK will be able to extract fingerprint templates from any type of sensors. The images can be from Bitmap in memory or taken from various image files in BMP, JPG, TIFF, GIF formats with 256 grey scale level. It can do automatic classification of fingerprints and conduct 1 - N identification matches of up to 10,000 per second. The Biokey SDK of ZK Software can support all fingerprint sensor including Identix DFR200, Digitalpersona U.are.U, Authentec Fingerchip, Infineon fingerchip, STTouchchip.

Biokey SDK Powerful Features:

- ❖ Ability to extract minutia through fingerprint images, and files. The size of the file is about 256 bytes to about 1024 bytes depending on the extraction method. There are 3 types of extraction method through fingerprint images, bitmap file handle, two-dimensional byte array.
- ❖ The enrolled or registered fingerprint template can be obtained by 1 - 3 repeated placements of the fingers on the sensor, the size of the enrolled templates varies between 256 or 1024 bytes;
- ❖ Allows 1:1 Verification capability with a stored fingerprint template;
- ❖ Make use of the DRAM memory for 1: M Matching. Normally, all the stored templates are buffered into the RAM memory for quick 1:N Matching
- ❖ Biokey SDK currently supports many OS platforms, for development purposes, sample source codes in Visual C++ 6.0, C++ Builder 5.0, Visual Basic 6.0, Delphi 5.0 are provided, the use of (DLL) and ActiveX components are all demonstrated using the Biokey SDK program samples. Biokey is protected by a dongle. However, that same dongle can also be used for the protection of other software developed by the System Integrator themselves

We have three version: lite version, standard version and professional version.

Lite version: This Version support U.are.U sensor, Authentec Fingerchip only, its royalty fee is 50 USD per workstation after you purchase it..

Standard version: Biokey standard Version SDK support all fingerprint sensor or BMP, JPG etc image,

Its royalty fee is 20 USD per workstation after you purchase it. If the sensor is purchased from ZK, no royalty fee.

Professional version Biokey: Professional Version SDK support all sensor & BMP, JPG etc image, No royalty fee no matter where you buy the sensor.

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