mofiria

Finger Vein Authentication Technology
the Key to your secure and easy life!

The Ideal and Practical Biometrics for Your Solutions and Services

Why Biometrics?

Utilizing biometrics instead of key, password or IC card realizes both high security and usability. The following is a partial list of what biometrics can be applied to:

SSO/Log-On | Attendance Management | ATM | POS Register | Entrance | Cabinet | Teller Window

Mofiria has succeeded to finger vein authentication technology developed by Sony Corporation.

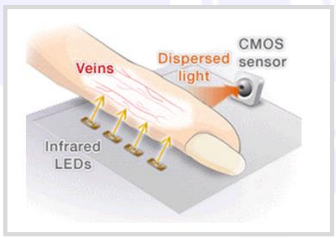
Which Is the Best?

	Accuracy	Security Level	Long-term Stability	Data Size	Processing Speed	Device Size	Cost
mofiria Finger Vein	◎	◎	◎	◎	◎	○	○
Other Vein	◎	◎	◎	○～△	○	○	○
Fingerprint	○～△	△	○	◎	◎	◎～○	◎～○
Face	○～△	△	△	○～△	○	○～△	○～△
Iris	◎	△	◎	○	○	○	○～△
Voice	△	△	△	△	△	◎	◎～○

Each modality has some advantages and suitable purposes but the most balanced and applicable modality is mofiria's finger vein authentication.

What is mofiria?

Mofiria developed a unique '**Reflective Dispersion Method**'. Near-infrared light emitted from LEDs is reflected by the vein pattern inside a finger and that pattern image is captured by a CMOS sensor.
It realizes a fast and accurate authentication process by extracting vein info from the images quickly and correcting the position of a finger on the device at the same time.



Vein Authentication Device

	FVA-U4ST	FVA-U4BT	FVA-M2ST	FVA-U3SX
Device Image				
Type	Standalone	Standalone(Wireless)	Embedded	Standalone
Connection Interface	USB	Bluetooth	USB, RS-232C	USB
Description	Adopts flat-way position for better usability. It has compatibility with FVA-U4BT.	World's first wireless vein authentication device by Bluetooth connection.	Module for embedded purpose. Widely used for ATM, cabinet, safety box and so on.	Side-way finger position realizes a very thin and compact authentication unit.

Software Development Kit

	MSDK-DCL-02	MSDK-SAS-02	MSDK-SAS-10N	MSDK-R1NW
Description	Modules for client computer utilized for authentication in device and in server.	Modules for server computer utilized for authentication in server.	Modules for server computer utilized for 1:N authentication in server	Includes C source codes utilized for controlling RS-232C connected device.
Platform	Windows, Mac OS, Android, Ubuntu	Windows, CentOS	Windows, CentOS	Independent from OS and platform

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