

Software development kit (SDK)

mofiria is focusing on providing the most efficient and user-friendly development kit in order that our partners may implement it into their own product and/or service as easy as possible. Supporting wide range of platforms is another our advantage.

Model number	MSDK-DCL-02	MSDK-R1NW	MSDK-SAS-02	MSDK-SAS-10N
Description	Modules for client computer. This is an essential kit to develop a system that uses mofiria device.	This includes C source codes utilized for controlling RS-232C connected mofiria device.	Modules for server computer utilized for authentication in server. * Unnecessary for authentication in device.	Modules for server computer utilized for 1:N authentication in server. * Authentication in device is not supported.
Purpose	Device control, (Authentication in device)	Device control (Authentication in device)	Authentication on server, 1:1 Authentication	Authentication on server, 1:N Authentication (Max: 1:1000)
Interface	USB, Bluetooth	RS-232C	USB, Bluetooth	USB, Bluetooth
Supported device	All devices	FVA-M2ST	All devices	All devices
Supported platform	Windows, Android, Ubuntu, Mac OS	Independent from OS and platform	Windows, CentOS	Windows, CentOS
Content	C/C++ (Libraries) / Java (JAR)* / Device driver** / Tutorial (videos and images) / Materials for GUI / Sample programs * Android only ** Except Android	C source codes / Sample programs	C/C++ (Libraries) / Sample programs / USB dongle or Software key	C/C++ (Libraries) / Sample programs / USB dongle or Software key

* The size of each template (biometrics data) with encryption is only 578 bytes or 930 bytes, while the ones from our competitors vary from 1.5Kbytes to 66Kbytes!

SDK Correspondence Table

Authentication Method	Connection Method	Authentication Type	SDK required on development	License required on operation	Option	Supported FVA device
In device	USB	1:1	(1)		(6)	FVA-U4ST, M2ST, U3SX
	Bluetooth	1:1	(1)			FVA-U4BT
	RS-232C	1:1	(2)			FVA-M2ST
On server	USB	1:1	(1)+(3)	(5)	(6)	FVA-U4ST, M2ST, U3SX
		1:N	(1)+(4)	(5)		FVA-U4ST, M2ST, U3SX
	Bluetooth	1:1	(1)+(3)	(5)		FVA-U4BT
		1:N	(1)+(4)	(5)		FVA-U4BT
	RS-232C	1:1	(2)+(3)	(5)		FVA-M2ST
		1:N	(2)+(4)	(5)		FVA-M2ST

- (1) MSDK-DCL-02
- (2) MSDK-R1NW
- (3) MSDK-SAS-02
- (4) MSDK-SAS-10N
- (5) Annual Operation License
- (6) SDK Development Technical Support