

# MOSIP L1 certified Fingerprint scanner



**SM-91M**



MOSIP SBI2.0 compliant



Secure Foundation Trust Module with hardware RSA key store and signing



FBI-PIV & Mobile ID FAP20 certified high-end fingerprint reader



MIAXIS, ISO 19794-2&ANSI 378 Template options



Standard USB interface, plug&play device



Live finger detection

**MIAXIS® Model SM-91M** is a FBI PIV&Mobile ID FAP20 certified optical Fingerprint Authentication Scanner. It's a compact & portable fingerprint collection device for easy integration with new or existing applications. Powered by USB 2.0/3.0 and supports standard SDK with SBI (MDS) for Windows, Linux and Android operating systems. Ideal for secure biometric authentication and national e-ID programs

## » SPECIFICATION

|                                       |  |
|---------------------------------------|--|
| Sensor type                           | Optical sensor   |
| Resolution                            | 500 dpi  |
| Image size                            | 300*400 pixel  |
| FAP (fingerprint acquisition profile) | FAP20  |
| Image formats                         | WSQ,JPEG,RAW,BMP,ISO 19794-4, ANSI 381                 |
| Gray scale                            | 8 bit (256 levels )                                    |
| Live finger detection                 | Yes  |
| Platen ingress protection             | IP54(sensor surface)                                   |
| ESD immunity                          | ±8kV contact discharge; ±15kV air discharge            |
| Supply voltage                        | DC 5V±5 %  |
| Communication interface               | USB2.0 data&power                                      |
| Operating temperature                 | -10°C ~ +55°C  |
| Storage temperature                   | -20°C ~ +60°C  |
| Security                              | FTM based, MOSIP L1 Device, SBI 2.0                    |
| Compliance                            | FBI-PIV, MOSIP L1, CE & FCC certified                  |
| Product size                          | 60 x 40 x 20.4 mm (L x W x H)                          |
| Weight                                | approx.80grams   |
| Operating system environment          | Windows XP/Windows 7/ Windows 10 , Android 4.0/5.0/6.0 |

### Biometric Device Factory&Turnkey Biometric Recognition System Solution Provider



**20+**

20+ years of successful business



**2000+**

Trusted by 2000+ bank branches globally, over 60% market share in domestic financial market



Qualified partner by Government of China



**ISO9001/14001**

Quality assurance



**150+**

150+ industry-leading patents and intellectual properties

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