

SM-91M

FBI-Certified Single Optical Scanner



Key Features



Certificates:

- FBI PIV and FBI Mobile ID FAP20 certificates
- Biometric standard: ISO 19794-4, ANSI 381, WSQ, JPEG, RAW, BMP, MINEX III compliance



Live Fingerprint Detection

- Machine-learning-based live finger detection technology to differentiate fake fingers
- Auto-reject fake materials including silicon, paper, rubber and more



Easy Integration

- SDKs available for Android, MS Windows compatible
- Plug&play USB powered device



Advanced Algorithm

- Template options: MIAXIS, ISO 19794-2 & ANSI 378
- Miaxis proprietary Justouch® fingerprint extractor & matcher passed NIST MINEX III compliance
- Value-added customised APIs for software integration



Dustproof and Waterproof

- IP54 dustproof and waterproof

Served worldwide for

N+

National ID
Programs

Miaxis fingerprint
readers

3M

deployed in banks

MIAXIS® Model SM-91M is an FBI PIV&Mobile ID FAP20 certified single optical Fingerprint Scanner. It's a compact & portable fingerprint collection device for easy integration with new or existing applications. Powered by USB 2.0 and supports Windows, Linux and Android operating systems. Ideal for biometric authentication and personal identity verification programs.

Scenarios



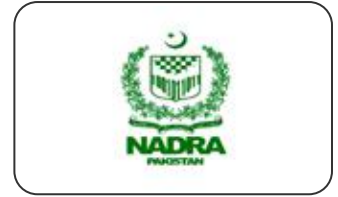
· Kenya Huduma Namba



· Philippines Philsys



· India Aadhaar



· Pakistan NADRA

Specification

Sensor Type	Optical sensor
Image Resolution	500 dpi
Image Size	300×400 pixel
FAP (fingerprint acquisition profile)	FAP20
Image Formats	WSQ,JPEG,RAW,BMP,ISO 19794-4, ANSI 381
Image Gray Scale	8 bit, 256 levels
Live Finger Detection	Yes
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
Operating Humidity	20%RH ~ 90%RH
Dimensions	60 x 40 x 20.4 mm (L x W x H)
Weight	approx.80grams
Support OS	Linux Kernel 3.X or Higher; Windows 7 or Higher; Andriod 4.1 or Higher



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