

FBI-Certified Single Optical Scanner



SM-91M



500 dpi resolution



Lightweight and durable design for portable use



High-quality fingerprint image FBI-PIV & Mobile ID FAP20 certified



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 single optical Fingerprint Scanner.

It's a compact & portable fingerprint collection device for easy integration with new or existing applications.

Powered by USB 2.0/3.0 and supports Windows, Linux and Android operating systems.

Ideal for biometric authentication and personal identity verification programs.

» SPECIFICATION

Sensor type	Optical sensor
Resolution	500 dpi
Active platen area	15.24 x 20.32 mm
FAP (fingerprint acquisition profile)	FAP20
Maximum acquisition time	<3s (placement to template)
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 ~ +45°C
Storage temperature	-20°C ~ +50°C
Operating humidity	20%RH ~ 90%RH
Product size	60 x 40 x 21.9 mm (L x W x H)
Weight	80g
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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