

# A900

## The Compact FBI FAP 60 4-4-2 Fingerprint Scanner



Compact. Heavy-duty. Reliable. The A900 is the FBI Appendix F certified FAP 60 fingerprint scanner built for the toughest and most massive of jobs. The portable unit comes in an IP65-rated enclosure rendering it impervious to dust and moisture and making the A900 the perfect fingerprint solution for all possible applications, even those in harsh environments. It features an integrated 2.8" LCD screen and a built-in speaker that combine to give users an intuitive step-by-step audio-visual walkthrough of the entire enrollment process. The A900 is simply the go-to fingerprint solution for Finance & Banking, National ID, Voter registration, Census, Law Enforcement, e-Passport & VISA, among others.

- **FBI Appendix F FAP 60 Certified**

FBI Appendix F (Mobile ID FAP 60) certified, ensuring the high image quality for the use of Live-Scan System & Identification Flats.

- **Built-in LCD and Speaker for Instructions**

Intuitive instructions via integrated LCD display and built-in speaker to easily guide users through the enrollment process.

- **Live Finger Detection (LFD)**

LFD rejects spoofing attempts by screening the liveness of the finger being captured.

- **International Standards Compliance**

ISO19794-2, ISO19794-4, ANSI 378, ANSI 381, JPG2000, and WSQ supported.

- **IP65 Rated Ingress Protection**

IP65-rated enclosure to protect from dust and water.

- **AES-256 Encryption**

256-bit AES encryption (AES-256) to ensure the security of your fingerprint data in transit.

- **Strong Adaption**

Excellent image quality for dry, moist and rough fingers.

- **Comprehensive SDK**

A900 SDK is available for development and integration. It also supports sequence checking, NFIQ fingerprint image quality check and slap fingerprint segmentation.

# A900 4-4-2 Fingerprint Scanner

## Physical Parameter

Dimension	176.0*142.5*95.0 mm (L*W*H)
Weight	1.1 kgs (2.4lbs)
Ingress Protection Rating	IP65
On-device Display	2.8" LCD, 240*400 pixels (RGB)
Built-in Speaker	1 W, 2-channel

## Performance Parameter

Capture Mode	Optical Touch
Platen Size	84.0*86.0 mm
Sensing Area	81.2*76.2 mm
Fingerprint Image Size	Four Finger Slap : 1600*1500 pixels Single Flats/Rolls : 800*750 pixels
Image Resolution	500 dpi
Gray level	256 level

## Communication Mode

Communication Interface	USB 2.0
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## Operation Environment

Work Voltage	5.0 V
Work Current	≤500mA
Temperature	0°C ~50°C
Humidity	10~93% R.H
ESD	Contact: ± 8KV Air: ± 15KV

## Certification

CE, FCC, RoHS, FBI Appendix F (FAP 60)
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## Supported OS

Windows / Android
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## Applications

- National ID
- Voter Registration
- Law Enforcement
- Border Control
- Finance & Banking
- e-Passport & VISA