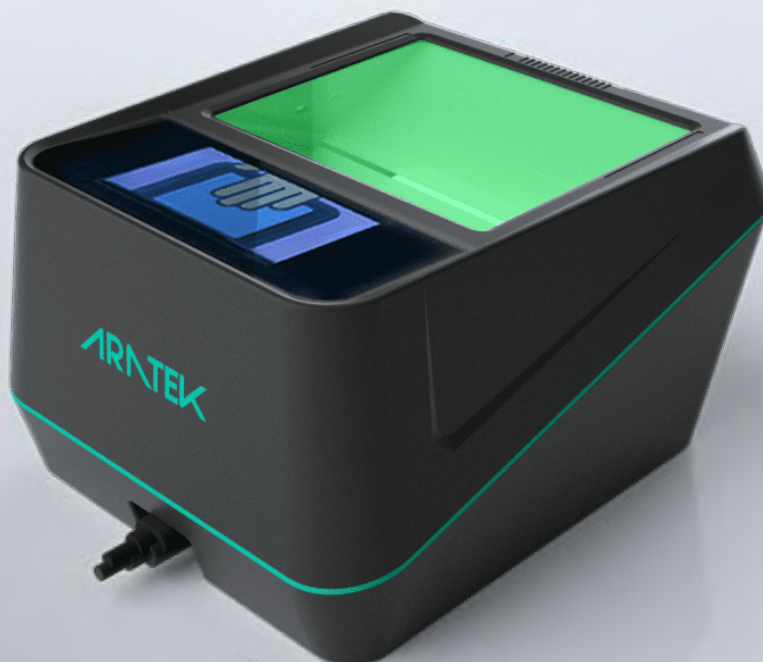


A900

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



Compact. Heavy-duty. Reliable. The ARATEK 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 ARATEK 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 |
|-------------------------|---------|

Operation Environment

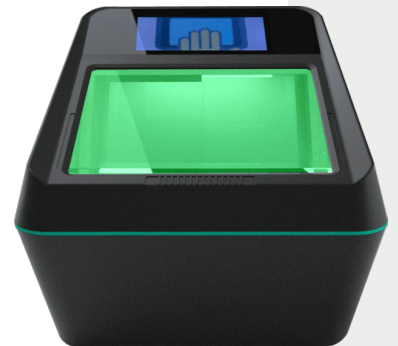
| | |
|--------------|-------------------------------|
| Work Voltage | 5.0 V |
| Work Current | ≤500mA |
| Temperature | 0°C ~50°C |
| Humidity | 10~93% R.H |
| ESD | Contact: ± 8KV Air: ± 15KV |

Certification

| |
|--|
| CE, FCC, RoHS, FBI Appendix F (FAP 60) |
|--|

Supported OS

| |
|-------------------|
| Windows / Android |
|-------------------|



Applications

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

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