

FRO900 Fingerprint Scanner

10 print scanner for large scale enrollment



Heavy-duty. Accurate. Reliable. The ARATEK FRO900 is built for the largest jobs under the toughest conditions. It uses advanced biometric technology to handle for massive scale applications such as National ID, voter registration, census, and other big government projects.

Features

- **FBI Appendix-F Certified**
- **International Standard**
ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 and WSQ supported
- **High Image Quality**
Optical fingerprint technology with superior image quality
- **Strong Adaption**
Good adaption for dry, moist and rough fingerprints
- **Correction and Authentication**
Support auto correction and 360 degree rotation authentication
- **Cloud Platform**
Seamlessly join in Aratek TrustLink™ biometrics authentication platform
- **OS Support**
Windows2000, XP, Vista, Windows 7 / 8 / 10, Android and other embedded systems
- **SDK**
Comprehensive software development kit is available for development and integration

Applications

- Voter ID
- National ID
- Finance and Banking
- Telecommunication
- Healthcare
- Law Enforcement

FRO900 Fingerprint Scanner

Physical Parameter

Dimension	148*152*115mm (L*W*H)
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Performance Parameter

Capture Mode	Optical Touch
Platen Size	81.0*86.0 mm
Sensing Area	Press: 81.2*76.2 mm Roll: 40.6*40.6 mm
Fingerprint Image Size	Flat Image Size: 1600*1500 pixels Roll Image Size: 800 x 800 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 (USB power supply)
Work Current	≤500mA
Temperature	0°C-50°C
Humidity	10-90% (Non condensing)
ESD	Contact: ± 4KV Air: ± 8KV

Certification

FBI Appendix F

Supported OS

Windows, Linux, Android



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