

BioSlap

Rugged Tenprint Enrollment Scanner



BioSlap is the compact and lightest tenprint scanner fully certified with FBI's IAFIS Appendix-F specification which enables the scanner to deliver reliable and superior image quality and make it the optimal capturing device for national ID enrollment or background check. The BioSlap employs the most advanced optical technology and dedicated special lighting source plus the enhanced fingerprint identification algorithm that allow the high speed finger capturing and seamless image processing including rolled prints. The integrated automatic capture functionality ensures rapid capturing of high quality image for biometric data collection and eliminates the possible reprint issues.

TECHNICAL SPECIFICATIONS

Image Types	Single flats, rolls, 4 - finger and 2 - thumbs slaps
Capture Area	3.6" x 3.2" (92 mm x 81 mm)
Image Size	3.2" x 3.0" (1600 x 1500 pixels) for slaps
	1.6" x 1.5" (800 x 750 pixels) for rolled fingerprints
Image Resolution	500 dpi, 256 levels of gray
Image Quality	FBI's IAFIS IQS Appendix-F certified
Image/ Template Format	BMP, WSQ, ISO 19794-4, ISO 19794-2
Acquisition Mode	Auto capture and manual mode
Status Indicators	Intuitive 12 LEDs for visual operation
Buzzer	On board programmable
MTBF	In excess of 50,000 hours
Interface	USB 2.0 high speed
Weight	1.2kg
Dimensions	(L*W*H) 160 mm x 135 mm x 90 mm
Operating Systems	Windows, Android, Linux
Software & SDKs	Scan demo, APIs with Java, C++, C#.NET, Web API
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity Range	10 % to 90%, non-condensing

KEY FEATURES

- Sliding detection for flat prints capturing
- Latent prints and halo elimination from recent scans
- Automatic device calibration when scanner starts up
- Auto segmentation of slaps into discrete single image
- Automatic sequence and image quality checking
- Supports live finger detection functionality
- Correct finger position and slap completeness check
- Auto capture functionality to eliminate reprint issues
- Visual indicators for intuitive instructions

USE CASES

- Immigration and border control
- Voter registration
- ePassport and Visa issuing
- e-Gate and Kiosk integration
- National ID enrollment



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