4-4-2 Scanner BioSlap

BioID Technologies

BioID Technologies' 4-4-2 Scanner BioSlap is the compact ten-print scanner FBI's IAFIS IQS Appendix-F certified for civil ID document issuing and law enforcement applications. The BioSlap scanner features with superior image quality and matchless acquisition speed. It is capable of capturing single rolls, two thumbs and 4-fingers slaps as per FBI, GA and MOSIP standards. An easy-to-integrate SDK makes the BioSlap the optimal livescan device for system integrators and solution providers.

Features & Benefits

All-in-One Capturing Mode

- ☑ Capable of capturing single flats, rolls, two thumbs & 4-fingers slaps
- ☑ Auto capture functionality to eliminate reprint issues
- ☑ High performance with excellent user experience

High Speed and Quality Image Acquisition

- ☑ Superior quality image acquisition to ensure 1:N identification
- ☑ Halo elimination for moist fingerprints during the image acquisition
- ☑ Real-time image quality evaluation according to NFIQ standard

Multiple Industry Standards Compliant

- ☑ FBI's IAFIS IQS Appendix F certification
- ☑ The Ministry of Public Security of the P.R. China GA certification
- ☑ MOSIP Foundational Identity Platform compliance

User Friendly Design

- ☑ Intuitive system requires no training
- ☑ USB 2.0 for data transfer and power supply
- ☑ Rugged IP64-rated for dust and waterproof structure

● Right 4-fingers   ● Left 4-fingers   ● Two Thumbs   ● Single Flats   ● Single Rolls

SDK Features

• LATENT PRINT AND HALO ELIMINATION - to eliminate halo for moist fingerprints & prints originating from recent scans

• CORRECT POSITION AND COMPLETENESS CHECK - to check correct finger position and incomplete slaps placed

• SLIDING DETECTION FOR PLAIN PRINTS - to detect deformations of fingerprints due to sliding during acquisition

• AUTOMATIC SEGMENTATION - to segment 4-fingers & two thumbs slap into discrete single fingerprint image

• REAL TIME IMAGE QUALITY CHECKING - to estimate image quality during acquisition as per NFIQ standard

• AUTO CAPTURE FUNCTIONALITY - to scan prints automatically by sensing of finger placement & eliminate reprint issues

• ROLLED FINGERPRINT CAPTURING - to capture rolls with automatic stop detection and self-adaptive rolling directions

Technical Specifications

Image Specs	Image Types	Single flats, rolls, plain 4-fingers and two thumbs slaps
	Scanning Window	3.6" x 3.2"
	Image Size	Plain 4-fingers and 2-thumbs slaps up to 3.2" x 3.0"
		Single rolled fingerprints up to 1.6" x 1.5"
		Single plain fingerprints up to 1.6" x 1.5"
	Image Resolution	500 dpi, 256 levels of gray
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Image Template	ISO 19794-2
	Acquisition Speed	Up to 10 fps for slap prints
		Up to 25 fps for rolled prints
Hardware	Working Temperature	From -10℃ to +50℃
	Humidity Range	From 10% to 95%, non-condensing
	Interface	USB 2.0 for data transfer and power supply
	Acquisition Mode	Auto capture and manual mode
	Indicators	Intuitive LED indicators for visible operation
	Dimensions	6.3" x 5.3" x 3.5"
	Weight	1.2 kg
SDK	Operating Systems	Android, Microsoft Windows and Linux 32-bit & 64-bit configuration
	Examples	Java, OCX, C++, C#.NET
Certification	Standard Compliant	GA/T625, GA/T626, GAT/T864, GA/T865, GA/T866 standard FBI's IAFIS IQS Appendix-F specification, CE, FCC

info@biometricsupply.com
www.biometricsupply.com

Laisves av. 125A, Vilnius
Lithuania, LT-06118

+370 52 606 009
+370 52 773 316